

APPENDIX

List of Achievements (April 1,2000 — March 31, 2001)

1. Commercial publications by IGES

A. Climate Change Project

GRUBB, Michael, VROLIJK, Christiaan and BRACK, Duncan. Translation supervision by Naoki MATSUO (2000) "*The Kyoto Protocol: A Guide and Assessment*" Energy Conservation Center, 316pp.

B. Urban Environmental Management Project

REN, Yong (2001) "*Japanese Environmental Management and Experience in Industrial Pollution Control*" (in Chinese), Chinese Environmental Science Press(to be published)

C. Forest Conservation Project

None

D. Environmental Education Project

None

E. Environmental Governance Project

None

F. New Development Pattern Project

IGES(ed.) (2000) "*Business and Environmental Governance*", Tokyo, Chuo Hoki Publishing Co., 300pp.

MATSUSHITA, Kazuo (ed.) et. al. (2000) "*Environment in the 21st Century and New Development Patterns*", Dordrecht, Kluwer Academic Publishers, 300pp.

MATSUSHITA, Kazuo (2000) "*Kankyo Seiji Nyumon (Introduction to Environmental Politics)*", Tokyo, Heibonsha Ltd., Publishers, 218pp.

2. Books/ Papers published by IGES

A. Climate Change Project

- IGES (2000) "*Climate Policy Debate in Japan:IGES Open Forum 2000 for Global Warming Abatement*" Hayama, IGES, 18pp. (in English and Japanese)
- IGES(2000) "*Potential and Barriers to the CDM: Enhancing GHG Mitigation Through International Cooperative Mechanisms in Asia*" Proceeding of the IGES International Workshop on the Clean Development Mechanism
- IGES and GISPRI (2000) "*Post-COP6 Seminar*" IGES/GISPRI, 42pp. (in English and Japanese)
- IGES and NIES(2000) "*Proceedings of the IGES/NIES Workshop on GHG Inventories for Asia-Pacific Region*"

B. Urban Environmental Management Project

<Kitakyushu Office>

- IGES Kitakyushu Office(2000) "*The 1st Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Realization of Material Recycling Societies-Current Issues and Future Perspective in China, Japan, Korea-*", IGES, 69pp.
- IGES Kitakyushu Office (2000) "*The 2nd Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Public Private Partnership for Urban Environmental Infrastructure Improvement*", IGES, 118pp.
- IGES Kitakyushu Office (2000) "*The 3rd Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Environmental Challenges for Cites in East Asia-Current Issues and Future Perspective-*", IGES, 72pp.
- IGES Kitakyushu Office (2001) "*Final Report: Study on Methods for Facilitating Urban Environmental Infrastructure Construction and Improvement*", IGES, (to be published)
- IGES Kitakyushu Office (2001) "*The 4th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Future City of Environment and Information*", IGES, 46pp.
- IGES Kitakyushu Office (2001) "*The 5th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Future City of Environment and Information*", IGES, 41pp.
- IGES Kitakyushu Office (2001) "*The 6th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development: Inter-City Networks for International Environmental Cooperation*", IGES, 55pp.

C. Forest Conservation Project

- IGES Forest Conservation Project (2000) "*A Step toward Forest Conservation Strategy (2)*" Interim Report 1999, Hayama, IGES, 473pp.
- IGES Forest Conservation Project (2001) "*A Step toward Forest Conservation Strategy (3)*" Interim Report 2000, Hayama, IGES
- IGES Forest Conservation Project (2001) "*IGES Policy Dialogues towards Sustainable Forest Management in Asia-Pacific Region*", Hayama, IGES, 86pp.
- IGES Forest Conservation Project (2001) "*IGES-NUOL Workshop on Forest Conservation : Lesson from Lao P.D.R. and Vietnam, Vientiane*" 2-3 August 2000, Hayama, IGES, 101pp.
- IGES Forest Conservation Project (2001) "*IHES Policy Recommendations on Forest Conservation in the Asia-Pacific*" Proceedings of the Fourth IGES International Workshop on Forest Conservation in Asia-Pacific, 17 January 2001, Hayama, IGES (to be published)

D. Environmental Education Project

- IGES Environmental Education Project (2000) "*2nd Workshop on Media and the Environment in the Asia-Pacific Region*",67pp.
- IGES Environmental Education Project (2000) "*Partnership for Environmental Education: Regional Workshop on Environmental Education in the Asia-Pacific*",152pp.
- IGES Environmental Education Project (2000) "*Perspectives of Environmental Education in the Asia-Pacific Region: Interim Report of Environmental Education Project*",58pp.
- IGES Environmental Education Project (2000) "*Study of Media and the Environment: Interim Research Report*",101pp.
- IGES Environmental Education Project (2001) "*Proceedings of Workshop on Evaluation of Environmental Education Activities*", 94pp.

E. Environmental Governance Project

- IGES Environmental Governance Project (2001) "*Environmental Governance in Asia: Synthesis Report on Country Studies*" (in English/Japanese), 596pp.
- IGES Environmental Governance Project (2001) "*Regional/Subregional Environmental Cooperation in Asia*" (in English/Japanese), 145pp.
- IGES, Sophia University (2001) "*Environmental Governance in Asia: The Proceedings of the International Symposium on Environmental Governance in Asia*" 265pp.

F. New Development Pattern Project

- IGES New Development Patterns Project (2000) "*Important Issues Related to Environment and Development: Towards Rio +10*", 150pp.
- IGES New Development Patterns Project (2000) "*Japan-U.S. Forum on Environmental Issues: New Development Patterns for Sustainability in Asia-Pacific*" (in Japanese), 75pp.
- IGES New Development Patterns Project (2000) "*Japan-U.S. Forum on Environmental Issues: New Development Patterns for Sustainability in Asia-Pacific*", 80pp.
- IGES New Development Patterns Project (2001) "*Commissioned Study Report on Settling the Action Plan for the Asia-Pacific Environment Based on Long-term Perspectives FY2000*" Comissioned by the Ministry of Environment(To be published)

3. Workshops and Seminars organized by IGES

A. Climate Change Project

Date	Title of workshop	Lecturers and participants	Place
May. 10, 2000	The 4th Open Forum: Suggestion for Domestic Policy Measures from Technological Viewpoint	Yoichi KAYA(Keio University), Toru NISHIZUTSUMI(Toyota Motor Corporation), Tetsunari IIDA(Japan Research Institute), Yoji UCHIYAMA(Tsukuba University), Shunsuke MORI(Science University of Tokyo), Shuzo NISHIOKA	Toranomon Pastral/ Tokyo
Jun. 1, 2000	The 5th Open Forum: Policy Measures to Enhance the Development of Technology for Global Warming in the Residential and Transportation Sector	Hidetoshi NAKAGAMI(Jyukankyo Research Institute Inc.), Yoshitsugu HAYASHI(Nagoya University), Ken ASAKURA(Mitsubishi Research Institute, Inc.), Yurika AYUKAWA(WWF Japan), Hiroki KUDO(Institute of Energy Economics), Yuichi MORIGUCHI(National Institute for Environment Studies), Shuzo NISHIOKA	Plaza Hall, Kasumigaseki Bldg./ Tokyo
Jun. 29, 2000	The 6th Open Forum : Overall Framework of Domestic Policy Measures(Part 2)	Takamitsu SAWA(Institute for Economic Research, Kyoto University), Naoyuki HATA(KIKO Network), Toshihiro OKA(Fukui Prefectural University), Tatsuyoshi SAIJO(Osaka University), Mitsutsune YAMAGUCHI(Keio University), Naoki MATSUO, Shuzo NISHIOKA	Press Center Bldg./ Tokyo
July. 13, 2000	The 7th Open Forum: Wrap-up Discussion	Tadao ISHIUMI(Global Industrial and Social Progress Research Institute), Kazuhiro UETA(Kyoto University), Takaaki MOROTO(C. Itoh & Co., Ltd.), Shuzo NISHIOKA	Fukoku Seimei Bldg/ Tokyo
July. 19, 2000	Seminar on IPCC Special Report & FCCC SBSTA Meeting(IGES, GISPRI)	Tomihiko TANIGUCHI(Tokyo University), Masahiro AMANO(Forestry & Forest Products Research Institute), Yoshiki YAMAGATA(National Institute for Environmental Studies), Tsuneyuki MORITA(National Institute for Environmental Studies), Syunsuke MORI(Science University of Tokyo), Shigemoto KAJIHARA(Environment Agency of Japan), Tadao ISHIUMI(Global Industrial and Social Progress Research Institute), Naoki MATSUO	Fukoku Seimei Bldg./ Tokyo
Sept. 11, 2000	SBSTA IGES Special Event: Issues and Opportunities for Investing in the CDM	Michael GRUBB(RIIA), Yong-Gun KIM(KEI), Kimihiko HIRAISHI(IPCC TSU/IGES), Naoki MATSUO, Tae Yong JUNG, Aki MARUYAMA	Palais des Congres Lyon/France
Oct. 11-12, 2000	APN Project: Policy Design of Climate Change Collaboration in Northern Asia	Elena Nikitina(Russian Academy of Science), Songli Zhu(Energy Research Institute), Shuzo NISHIOKA, Naoki MATSUO, Tae Yong JUNG, Aki MARUYAMA, Cui CHENG, Shinji KANEKO, Wakana TAKAHASHI	IGES/Hayama
Oct. 24-25, 2000	International Symposium on Green Tax Reform in Asian Countries(IGES, Korea Environment Institute(KEI))	Hidenori NIIZAWA(Kobe University of Commerce), Tsuneyuki MORITA(National Institute for Environment Studies), Dr. Kejun JIANG(Energy Research Institute), Ma ZHONG(China Renmin University), Yohei HARASHIMA(Takusyoku University), OECD and Korean scholars, Akio MORISHIMA, Naoki MATSUO, Tae Yong JUNG, Shinichi ARAI	Sejong Center /Seoul/ Korea
Nov. 18, 2000	COP6 Special Event: Cooperation and Competition for Implementation of the Kyoto Regime	Hiroshi OHKI(MP of Japan, President of the Kyoto Conference: COP3), Takuji YANAGIMOTO(MP of Japan), Michael GRUBB(Imperial College.), Zhou DADI(Energy Research Institute), Stephen H. SCHNEIDER(Stanford University), Rae Kwon CHUNG(Ministry of Foreign Affairs), Michael J. WALSH(Environmental Financial Products), Bert J.M. de VRIES(RIVM), Akio MORISHIMA, Naoki MATSUO	Netherland Conference Center/The Hague/The Netherlands
Dec. 20, 2000	Post COP6 Seminar(IGES, GISPRI)	Shigemoto KAJIHARA(Environment Agency of Japan), Midori Tani(Ministry of International Trade & Industry), Takanobu Yasumoto(Global Industrial and Social Progress Research Institute), Akio MORISHIMA, Shuzo NISHIOKA, Naoki MATSUO	Nadao Hall/Tokyo
Mar. 15-16, 2001	International Workshop on Social-Economy Assessment for CDM and Other Mechanisms(Energy Research Institute(ERI), IGES, UNEP Collaborating Center on Energy & Environment(UCCEE))	Erik HAITES(Margaree), Liu DESUN(Tsing University), Kim OLSEN(UCCEE), Peng XIMING(Electricity Power Research Center), Jorge ROGAT(UCCEE), Shi HAN(Clean Technology Center), M.K. LEE(UCCEE), Naoki MATSUO, Aki MARUYAMA	Xindadu Hotel/Beijing/ China

B. Urban Environmental Management Project

<Kitakyushu Office>

Date	Title of workshop	Lecturers and participants	Place
May 25, 2000	The 4th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development (NTT DATA)	Takeshi OGAWA(Environment Agency), Toru NAKAGAWA(NTT DATA), Toshikazu MATSUOKA(City of Kitakyushu), Miyoko MOROFUJI(Supar Wakasugi Kodomo Eco-Club Supporter), Ippei HAGIWARA(NTT DATA Institute for Management Consulting), Hidefumi IMURA, Shuzo NISHIOKA	Kitakyushu International Conference Center/Kitakyushu
Jun. 17, 2000	The 5th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development (Jisedai System Kenkyukai, Kitakyushu Junior Chamber)	Akinobu KUMADA(Japan Association for Human and Environment Symbiosis), Koichi SUEYOSHI(City of Kitakyushu), Masasuke NAKATA(Urban Development Corporation), Hisato OKAMOTO(Jisedai System Kenkyukai), Yoriko ABIRU(Kitakyushu Junior Chamber), Akio HAYASHI (The Iron and Steel Institute of Japan), Kouichirou AKIMOTO(Japan Industrial Location Center), Katsuki KURODA(Architect), Hidefumi IMURA	Commercial and Industrial Trade Center/Kitakyushu
Jul. 5, 2000	4th Expert Committee for research on methods to promote improvement in urban environmental infrastructure	Keiichiro OIZUMI(Sakura Institute of Research), Ryuichi MURANO(Japan Environment), Takeshi KATSUHARA(Toa University), Toru MATSUMOTO(Kyushu University), Hidefumi IMURA, Shinji KANEKO, Miao CHANG, Osamu NORIMATSU	IGES Tokyo Office/ Tokyo
Aug. 2, 2000	The 6th Pre-Symposium on MCED(ESCAP)/Eco-Asia 2000 Ministerial Conference on Environment and Development	Masakazu ICHIMURA(ESCAP), Seiji IKKATAI(Environment Agency), Zhougyan WANG(Dalian City), Dao Van LUONG(Ho Chi Minh City), Koichi SUEYOSHI(City of Kitakyushu), David RISSTROM(ICLEI), Yoichi ISHII(City of Yokohama), Kiyoshi ISAKA(JICA), Naoki MORI(JBIC), Yoshinori KITAGUCHI(Hiroshima City), Akio MORISHIMA, Hidefumi IMURA	Kitakyushu International Conference Center/Kitakyushu

C. Forest Conservation Project

Date	Title of the workshop	Lecturers and participants	Place
Jun. 29-30, 2000	IGES-LIPI Workshop on Forest Conservation: Developing Strategies for Indonesia and the Philippines (Lembaga Ilmu Pengetahuan Indonesia (LIPI), IGES)	Taufik ABDULLAH (LIPI), John HABA (LIPI), Ernesto S. GUIANG (World Bank), Bambang RIYANTO (Ministry of Forestry and Estate Crops), Deni HIDAYATI (LIPI), Matheus PILIN (Program Pemberdayaan Sistem Hutan Kerakyatan Pancur Kasih), Ade CAHYAT (Pusat Hutan Kerakyatan), RTM. SUTAMIHARDJA (Agricultural Institute of Bogor), Mia SISCAWATI (Indonesian Institute for Forest and the Environment), Ruperto P. ALONZO (University of The Philippines, Diliman), Herman HIDAYAT (LIPI), Rinekso SOEKMADI (Agricultural Institute of Bogor), Juan M. PULHIN (University of the Philippines), Riwanto TIRTOSUDARMO (LIPI), Hiroji ISOZAKI, Makoto INOUE, Shin NAGATA, Masanobu YAMANE, Martinus NANANG	LIPI/Jakarta/Indonesia
Aug. 2-3, 2000	IGES-NUOL Workshop on Forest Conservation: in Lao P.D.R. and Vietnam (Faculty of Forestry, National University of Laos (NUOL))	Khamvieng XAYABOUTH (NUOL), Saymang VONGSAK (NUOL), Boumy PHONESAVANH (NUOL), Philip HIRSCH (Sydney University), Satoru MATSUMOTO (Mekong Watch, Japan/IGES), SANG Polrith (UNDP/CARERE), Bounthene PHASIBORIBOUN (NOUL), DO Dinh Sam (Forest Science Institute of Vietnam), LE Quang Trung (Forest Science Institute of Vietnam), Hiroji ISOZAKI, Makoto INOUE, Masanobu YAMANE, Kimihiko HYAKUMURA	NUOL/Vientiane/Lao PDR

Sept. 19-20, 2000	International Workshop on Transition to the Sustainable Forest Management Strategy in the Russian Far Eastern Ecoregion in the 21 Century (Khabarovskiy Krai Administration, Economic Research Institute (ERI), Far Eastern Representative of World Wildlife Fund (RFE-WWF), Forest Trends, Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal, IGES)	V. NEGODYAEV(Khabarovskiy Krai Administration), N. MIKHEEVA (ERI), A. LEVINTAL(Economic Committee of the Khabarovskiy Krai Administration), V. GURIEV(Economic Committee of the Khabarovskiy Krai Administration), T. RUSINA(Far Eastern Representative of WWF), V. KOLOMYTSEV(Forest Service Directorate of the Khabarovskiy Krai), N. DMITRIEV(Forest Service Directorate of the Yevreyskaya Autonomous Oblast), D. EFREMOV(Far Eastern Forestry Research Institute), J. FORD(Forest Trends), H. KAKIZAWA(Hokkaido University), Yu. BENDERSKIY(Institute of Economy and Organization of Industrial Production), V. REZANOV(Khabarovsk State Technological University), V. DYUKAREV(Biological-Soil Institute), A. MURZIN(Pacific Institute of Geography), V. YERMOSHIN(Pacific Institute of Geography), P. OWSTON(Sustainable Ecosystems Institute), A. TSABERYABIY(Khabarovsk social fund ERF), A. SHAROV(The Heron Group), N. SHEVTSOV(Center of Forest Certification), O. KOZLOVA(Economic Committee of the Khabarovskiy Krai Administration), S. SASAKI(National Museum of Ethnology), N. ANTONOVA(ERI), E. NOGUCHI(Friend of the Earth Japan), Ch. ZHU(WWF-Beijin), Yu. DARMAN(Far Eastern Representative of WWF), V. DYUKAREV(Biological-Soil Institute), Yu. MANKO(Biological-Soil Institute), A. KOVALEV(Far Eastern Forestry Research Institute), A. ALEKSEENKO(Far Eastern Forestry Research Institute), G. SUKHOMIROV(ERI), A. BARDAL(ERI), H. FOX(Yale University), A. SAPOZHNIKOV(Far Eastern Forestry Research Institute), A. IZMODENOV(Institute of Water and Ecological Problems), G. SOKOLOVA(Far Eastern Forestry Research Institute), E. TETERYATNIKOVA(Far Eastern Hydrological and Meteorological Center), V. KARAKIN(Far Eastern Representative of WWF), A. SHEINGAUZ(ERI), M. YAMANE	ERI/Khabarovsk/Russia
Jan. 16-18, 2001	4th International Workshop Forest Conservation Strategies in Asia and the Pacific Region	MA Hwan Ok (International Tropical Timber Organization (ITTO)), Simon G. DEVUNG (Center for Social Forestry (CSF)/ Indonesia), EFRANSJAH (ITTO), Mafa CHIPETA (Center for International Forestry Research (CIFOR)), Tachrir FATHONI (Embassy of the Republic of Indonesia to Japan), Yoshiaki KANO (Japan International Cooperation Agency (JICA)), Akio MORISHIMA, Hiroji ISOZAKI, Makoto INOUE, Shin NAGATA, Masanobu YAMANE, Martinus NANANG	The University of Tokyo/Tokyo
Mar. 13-14, 2001	The 3rd Seminar on the Forest Conservation Strategies in the Far-East Russia (Friends of the Earth Japan, Global Environmental Forum)	Andrey S. ZAKHARENKOV (Far Eastern Association of the Use of Non-timber Forest Products), Hiroaki KAKIZAWA (Hokkaido University), Natalia ANTONOVA (ERI), Masanobu YAMANE	Earth Partnership Plaza/Tokyo

D. Environmental Education Project

Date	Title of the workshop	Lecturers and participants	Place
Jun.27 - Jul.29,2000	Environmental Education Training for NGO Staff in Indonesia	Juanita Margaretha MANDAGI(JARI), Maria Mumpuni PURBONINGRUM(PPLH), Muhammad Taufik Fauzul HAQ(JARI), Novi KUSPRIYANDARI(YASERU), Satia BUDIANTI(RMI), Tatang MITRA SETIA(ALAMI)	IGES/Hayama, JICA/Tokyo
Dec.18,2000	Workshop on Evaluation of Environmental Education Activities	Yukio HIROSE(Nagoya Univ.), Seiji UTSUMI(Osaka Univ.), Tomohide BANZAI(Saitama Univ.), Naoko KAKUTA(ERIC), Keiko NAKAMOTO(Towa Univ.), Yuriko MINAMOTO(Consultant for International Development), Satoshi ICHIKAWA(Shiga Univ.), Masayo HASEGAWA(LEAD JAPAN), Kenichi MIZUNO(TVE Japa), Miki KAWABATA(Mejiro Univ.), Shunji MIKAMI(Toyo Univ.),Naohiro MASUDA(KEEP), Kenji KAWAMURA(Partnership), Taito OKAMURA(Nara Univ.), Taro HATOGAI(National Insutitute of Educational Research)	Shibuya Markcity/Tokyo

E. Environmental Governance Project

none

F. New Development Pattern Project

Date	Title of the workshop	Lecturers and participants	Place
Sep. 21, 2000	Asian Environment and Development in the 21st Century (Asian Development Bank)	S. Tahir QADRI (Asian Development Bank), Kazuaki HOSHINO (Environment Agency of Japan), Wakako HIRONAKA (Member of the House of Councilors), Tsutomu TANAKA (Chuo Univ.), Satoru MATSUMOTO (Mekong Watch), Akio MORISHIMA, Kazuo MATSUSHITA, Tae Yong JUNG	Kasumigaseki Bldg./ Tokyo
Nov. 2, 2000	A Symposium to Commemorate the Release of the Book Business and Environmental Governance: Voluntary Approaches by Enterprises – Issues for the Future in Private Enterprises and Environmental Governance (Chuo Hoki Publishing Co.)	Isao IWABUCHI(Sky Aluminium Co., Ltd.), Shintaro SHIDA (Tokio Marine & Fire Insurance Company, Ltd.), Naoatsu ISHIZAKI (Mitsubishi Chemical Corporation), Noriyuki KOBAYASHI (Sumitomo Forestry Co., Ltd.), Masayuki SASANOUCI (Toyota Motor Corporation), Makoto TAKASAKI (Nippon Steel Corporation), Takaaki MOROTO (ITOCHU Corporation), Akio MORISHIMA	Kasumigaseki Bldg./ Tokyo
Nov. 13 - 14, 2000	Workshop of the 2nd Policy Dialogue between Japan and Germany for Facilitating Coordinated Measures to Address Global Warming: International Climate Policy and the IT-Sector (Wuppertal Institute for Climate, Environment and Energy)	Kouji GAMOU (Matsushita Electric Industrial Co., Ltd.), Takeshi KOGA (Fujitsu Limited), Hidemi TOMITA (Sony Corporation), Shirou NISHI (Nippon Telegraph and Telephone Corporation), Kouji YAMAGUCHI (NEC Corporation), Masaharu YAGISHITA (National Environmental Training Institute), Tiny HUIJBEN(Oce-Technologies B.V.), Val HERMAN (ICL Belgium), Kai KRAMER (Electrocycling GmbH), Kurt SCHIWY (Deutsche Telekom AG), Ferdinand QUELLA (Siemens AG), Silvio WEEREN (IBM Deutschland GmbH), Elmar NOLTE (ELSA AG), Thomas FORTH (Bundesministerium fur Umwelt, Naturschutz und Reaktorsicherheit), Thomas LANGROCK (Wuppertal Institute for Climate, Environment and Energy (WI)), Herman E. OTT (WI), Thomas DWORAK (WI), Stefan THOMAS (WI), Akio MORISHIMA, Kazuo MATSUSHITA, Shinichi ARAI, Tae Yong JUNG, Shuzo KATSUMOTO	Wuppertal Institute for Climate, Environment and Energy/Wuppertal/ Germany
Jan. 15-17, 2001	International Seminar on Environmental Consciousness in Asia: Comparative Studies of Japan, China (Hong Kong), Vietnam and Thailand (The Faculty of Environment and Resource Studies, Mahidol Univ.)	A. Terry RAMBO (Kyoto Univ.), James E. NICKUM (Hosei Univ.), Midori AOYAGI-USUI(National Institute for Environmental Studies), Yok-shiu F. LEE (The Univ. of Hong Kong), Tuong-Vi PHAM (Center for Natural Resources and Environmental Studies), Opart PANYA (Mahidol Univ.), Solot SIRISAI (Mahidol Univ.), Bishnu BHANDARI, Takashi OTSUKA	Mahidol Univeristy/ Bangkok/Thailand

4. Academic Papers

A. Climate Change Project

(i) Papers compiled and published by IGES

- JUNG, Tae Yong (2000) "Green Tax Reform toward a Sustainable Society" p.31,KEI/IGES
- JUNG, Tae Yong (2000) "Macroeconomic Impact Analysis of Environment Tax :Focusing on Carbon Tax" *Proceedings of the International Symposium on the Green Tax Reform in Asian Countries*, p.17
- MARUYAMA, Aki (2000) "Effectiveness and Issues of Economic Incentive Policy Measures in Developing Countries :The Cases of Indian Wind Energy Policy and its Implication for Development Assistance" Paper presented at 11th general meeting of The Japan Society for International Development, December 2000, p.9, The Japan Society for International Development
- MARUYAMA, Aki (2001) "Financial Assistance Under Major Environmental Agreements" Commissioned report by MOFA *Focusing on UNFCCC*, Vol.1, March 2001
- MATSUO, Naoki (2000) "A Portfolio of Domestic Instruments for Climate Change Mitigation in Japan to Implement Kyoto Regime" (version 1.0), p.35
- MATSUO, Naoki (2000) "Guide for Comprehending the Negotiations at the Hague" p.20
- MATSUO, Naoki (2000) "Key Elements in Designing a Portfolio of Instruments to Mitigate Climate Change" Paper for KEI-IGES Symposium on Environmental Taxation,p.3
- MATSUO, Naoki (2000) "Notes for Comprehending the Negotiations at the Hague:To Understand What Was Discussed at COP6", p.8
- MATSUO, Naoki (2000) "Outline and Impressions of the SBSTA Meeting at Lyon:Possibilities of COP6" p.6
- MATSUO, Naoki (2000) "Outline of the Discussion on the Designing of Domestic Emissions Trading Regime" (version 5.1), p.42
- MATSUO, Naoki (2000) "Proposal for Step-by-Step Baseline Standardization for CDM" p.24
- MATSUO, Naoki (2000) "Proposal for Step-by-Step Baseline Standardization for CDM:From Project-Specific to Generalized Formula" (version 3.0), p.30
- MATSUO, Naoki (2000) "Proposals on the Framework of Domestic Policy Measures for Climate Change Mitigation in Japan :Toward the Compliance of Kyoto Protocol" (version 1.0), p.34
- MATSUO, Naoki (2000) "Thorough Reports of Globe 2000 Conference Focusing on Domestic Emissions Trading" p.7
- MATSUO, Naoki (2000) "What is and How to Set Baselines for CDM Projects? :Paper for 10th Asia-Pacific Seminar on Climate Change in Malaysia" p.16
- MATUO, JUNG, CHENG, MARUYAMA and TAKAHASHI (2001) "Policy Design of Climate Change Collaboration in Northern Asia:Possible Options and Constraints for Co-operative Effort between Russia, Japan, China and Korea" p.100, APN Project

(ii) Contributions to journals outside of IGES

- JUNG, ROVRE, GAY, SHUKLA and ZHOU (2000) "Structural Changes in Developing Countries and Their Implication to Energy-related CO2 Emissions" *Technological Forecasting and Social Change*, vol. 63, p.111-136
- MARUYAMA, Aki (2000) "Towards Construction of Effective Financial Mechanism Options for Climate Change Mitigation in Asia:Utilization of the Clean Development Mechanism (CDM) and its Potential" *Journal of International Development Studies*, Vol.9, No.1, p.95-113, The Japan Society for International Development
- Maruyama, Aki(2001) "Current Status of Financial Assistance to Developing Countries Under International Environmental Agreements" Chapter 1, *Some Implications for Support for Climate Change Mitigation*, Commission Report for Ministry of Foreign Affairs
- MATSUO, Naoki (2000) "Climate Change Mitigation Actions in the U.S.:Spec of Government/Congress/Industry on the Market of Emissions Trading" *International Resouce*, May issue, 2000, p.11
- MATSUO, Naoki (2000) "Expectations for International Climate Change Mitigation Projects(JI/CDM) Considering the Kyoto Regime:Harmonizing the Market Mechanism and Climate Change Mitigation" *Japan Society of Civil Engineers*, p.5
- Matsuo, Naoki(2000) "Points in Designing the Domestic Emissions Trading System" *Annual Report of the Institute of Energy Economics, Japan*
- MATSUO, Naoki (2000) "Scientific and Economical Aspects of Climate Change" *ADB/UNEP Capacity Building Seminar Report*, p.35
- MATSUO, Naoki (2000) "Trend of the Emissions Trading Regime:From the Viewpoint of Business" *Mitsui & Co., Ltd., 12th Seminar Report*, p.36
- MATSUO, Naoki (2000) "Trend of the Emissions Trading Regime:Toward the COP6" *21 Century Forum*, Vol.74, p.8
- MATSUO, Naoki (2000) "Viewpoints in the Climate Change Mitigation Actions:Towards Scientific Understanding and Actions" *Industry and Environment*, p.9

B. Urban Environmental Management Project

(i) Papers compiled and published by IGES

- BAI, Xuemei and IMURA, Hidefumi (2000) "A Comparative Study of Urban Environment in East Asia: Stage Model of Urban Environmental Evolution" *International Review for Environmental Strategies* Vol.1 Number 1, p.135-158
- CHANG, Miao, REN, Yong and IMURA, Hidefumi (2001) "Financing Urban Environmental Infrastructure in East Asia: Current Situation, Challenges and Strategies" *International Review for Environmental Strategies* Vol.2 (to be published)
- REN, Yong (2000) "Japanese Approaches to Environmental Management: Structural and Institutional Features" *International Review for Environmental Strategies* Vol.1 Number 1, p.79-96
- REN, Yong (2000) "Japanese Experience in Environmental Management and its Implications for China" *The 3rd Pre-Symposium on MCES(ESCAP)/Eco-Asia 2000 Environmental Challenges for Cities in East Asia*, p.17-35

(ii) Contributions to journals outside of IGES

- BAI, Xuemei (2000) "Current Status, Evolutionary Mechanism and Strategies of Urban Environment in East Asia" *Proceedings of the 3rd Pre-Symposium on MCED (ESCAP)/ Eco-Asia 2000*, p.5-16
- BAI, Xuemei and IMURA, Hidefumi (2000) "Water Resource Management in Chinese Cities: Lessons and Challenges from the Case of Tianjin" *Journal of International Development Studies* Vol. 9, No. 2, p.95-112
- BAI, Xuemei and IMURA, Hidefumi (2000) "Towards Sustainable Urban Water Resource Management" *Conference Proceedings of the 200 International Sustainable Development Research Conference*, p.19-25
- BAI, Xuemei and IMURA, Hidefumi (2001) "Towards Sustainable Urban Water Resource Management: A Case Study in Tianjin, China" *Sustainable Development* 9(to be published)
- CHANG, Miao(2000) "Environmental Administrative System of Japan" (in Chinese), Chapter 3, *Japanese Environmental Management and Experience in Industrial Pollution Control*
- CHANG, Miao (2000) "Historical Change of Environmental Protection of Japan" (in Chinese), Chapter 2, *Japanese Environmental Management and Experience in Industrial Pollution Control*
- KANEKO, Shinji, IMAI, Akira, NAKAYAMA, Hirofumi, BAI, Xuemei and IMURA, Hidefumi (2000) "A Comparative Study on the Relationship between the Scale of Cities and Urban Environmental Indicators in Japan, Korea and China" *Selected Papers of Environmental Systems Research* Vol. 28, p.399-410
- REN, Yong (2000) "Japanese Approaches to Environmental Financing and its Implications for China" (in Chinese) *Journal of Scientific Decisionmaking* (to be published)
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C. Forest Conservation Project

(i) Papers compiled and published by IGES

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- NANANG, Martinus (2000) "Constraining Conditions for Local Participation in Forest Management: A Case from East Kalimantan" *A Step toward Forest Conservation Strategy (2)*, p.63-84
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(ii) Contributions to journals outside of IGES

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D. Environmental Education Project

(i) Papers compiled and published by IGES

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TAKAHASHI, Masahiro and ABE, Osamu (2000) "Comparative Study of Institutionalization on Environmental Education between Japan and Thailand" *Environmental Information Science Extra: Papers on Environmental Information Science* No.14, p.121-126

TAKAHASHI, Masahiro and ABE, Osamu (2000) "Issues and Practices on Environmental Education in Samoa" *Journal of Center for Research and Training for Educational Practice* No.14, p.81-89

E. Environmental Governance Project

(i) Papers compiled and published by IGES

HARASHIMA, Yohei (2000) "Environmental Governance in Selected Asian Developing Countries" *International Review for Environmental Strategies*, Vol.1, No.1, p.193-207

KATO, Kazu (2001) "An Analytical Framework for a Comparative Study of Sub-Regional Environmental Programmes in Asia" (in English/Japanese), *Regional/Subregional Environmental Cooperation in Asia*, p.1-6

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KATO, Kazu and HARASHIMA, Yohei(2001) "Improving Environmental Governance in Asia: A Synthesis of Nine Country Studies" (in English/Japanese), *Environmental Governance in Asia : Synthesis Report on Country Studies*, p.565-588

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TAKAHASHI, Wakana (2000) "Acid Rain and Environmental Governance" *Journal of Resources and Environment*, Vol.36, No.10, p.20-28

TAKAHASHI, Wakana (2000) "Multilateral Environmental Cooperation in East Asia" *Collection of Papers for the 19th Meeting of Japan Society of Energy and Resources*, p.267-272

F. New Development Pattern Project

(i) Papers compiled and published by IGES

IGES (2000) "Policy Implications in Addressing Critical Environment and Sustainable Development Issues of the Region: Specific Issues on Sustainable Development in Asia and the Pacific" *E/ESCAP/SO/MCED(00)/INF.6* (Information Document at the ESCAP Senior Officials Meeting), 17pp.

IGES (2000) "Specific Issues on Sustainable Development in Asia and the Pacific" Attached to *E/ESCAP/SO/MCED(00)/INF.6*, 74pp.

KATSUMOTO, Shuzo (2001) "GHG Emission Trends of the Internet: Indications to facilitate research" Discussion Paper for the Workshop of the 2nd Policy Dialogue between Japan and Germany for Facilitating Coordinated Measures to Address Global Warming: International Climate Policy and the IT-Sector, *Japan & Germany: International Climate Policy & the IT-Sector* (to be published)

(ii) Contributions to journals outside of IGES

MATSUSHITA, Kazuo (2000) "Environment and Development in Asia" *JapanEcho* No. 27, p.14-18

MATSUSHITA, Kazuo (2000) "Environment et developpment en Asie" (in French), *Cahier du Japon* No. 85, p.22-27

MATSUSHITA, Kazuo (2000) "Global Environmental Issues and Small and Medium Enterprises" *Chusho Kigyo Monthly* Dec 2000 issue, p.6-7

MATSUSHITA, Kazuo (2000) "Looking Back upon the Twentieth Century" (part 1), *Seikatsu to Kankyo (Life and Environment)* May 2000 issue, p.49-52

MATSUSHITA, Kazuo (2000) "Looking Back upon the Twentieth Century" (part 2), *Seikatsu to Kankyo (Life and Environment)* June 2000 issue, p.49-52

MATSUSHITA, Kazuo (2000) "Looking Back upon the Twentieth Century" (part 3), *Seikatsu to Kankyo (Life and Environment)* July 2000 issue, p.74-78

- MATSUSHITA, Kazuo (2000) "Path to Green Environmental Economy" (part 1), *Cultural Capital* No.1, p.46-47
- MATSUSHITA, Kazuo (2001) "Path to Green Environmental Economy" (part 2), *Cultural Capital* No.2, p.43-45
- MATSUSHITA, Kazuo (2001) "Revisiting The Global 2000 Report(1): Report to the American President" *Green Power* Jan 2001 issue, p.6-7
- MATSUSHITA, Kazuo (2001) "Revisiting The Global 2000 Report(2): Thoughts from the Hague Conference (COP6)" *Green Power* Feb 2001 issue, p.4-5
- SUGIYAMA, Rie (2000) "The Current Situation of Voluntary Approaches in European Countries" *Journal of Environmental Law and Policy* Vol.3, p.161-170

5. Lectures at Workshops and Seminars

A. Climate Change Project

Date	Titles	Lectures	Place
Apr. 7, 2000	"Emissions Trading" Internal Seminar (Japan Lawyer's Association)	Naoki MATSUO	Japan Lawyer's Association/Tokyo
Apr. 24, 2000	"Institutional Response to Climate Change Issue and Current Situation of Wind Energy in India: Implications for International Cooperation" Second Meeting of the Study Group for International Cooperation for Global Warming Prevention (International Development Center of Japan)	Aki MARUYAMA	Ministry of Foreign Affairs/Tokyo
May. 25, 2000	"Emissions Trading" Internal Seminar(Jcoal)	Naoki MATSUO	JCoal/Tokyo
Jul. 5, 2000	"Climate Issue" JICA Training(JICA)	Naoki MATSUO	Shonan Village Center/Hayama
Jul. 24, 2000	"Climate Issue" Capacity Building Seminar(ADB/UNEP)	Naoki MATSUO	ADB/UNEP/Manila/Philippines
Jul. 27, 2000	"Emissions Trading" Internal Seminar(Techno Research (for Industry))	Naoki MATSUO	Techno Research/Tokyo
Aug. 3, 2000	"Emissions Trading" Internal Seminar(Mitsubishi Heavy Industry)	Naoki MATSUO	Mitsubishi Heavy Industry/Tokyo
Sep. 19-27, 2000	"GHG Inventories for the Land Use Change and Forestry (LUCF) Sector in Southeast Asia: Status and Strategies to Improve Estimates" Expert consultation on verification of country level carbon stocks and exchanges(Food and Agriculture (FAO))	Damasa. B. MAGCALE-MACANDOG	FAO/Rome/Italy
Oct. 6, 2000	"Emissions Trading" Internal Seminar(Institute of Energy Economics, Japan)	Naoki MATSUO	Institute of Energy Economics, Japan/Tokyo
Oct. 10, 2000	"Climate Issue" Energy Conservation Center Capacity Building Seminar for EIT Policy-Makers (Energy Conservation Center)	Naoki MATSUO	Energy Conservation Center /Tokyo
Oct. 11, 2000	"Emissions Trading" Internal Seminar(Osaka Univ. Ecosoc Inst.)	Naoki MATSUO	Osaka Univ. Ecosoc Inst./Tokyo
Oct. 26, 2000	"Emissions Trading" Lecture for Electric Utilities, Long-Term Planning Division Directors(Meeting for Electric Utilities, Long-Term Planning Division Directors)	Naoki MATSUO	TEPCO/Tokyo
Nov. 6, 2000	"Emissions Trading" Internal Seminar(Keio University Policy-Media Department)	Naoki MATSUO	Keio Univ. Policy-Media Department/Tokyo
Nov. 8, 2000	"Improving Estimates of C Stocks Under Different Fallow Systems in Tropical Asia" Fallow Management Symposium during the Annual Meeting of the American Society of Agronomy(American Society of Agronomy)	Damasa. B. MAGCALE-MACANDOG	American Society of Agronomy/Minneapolis/U.S.A.
Nov. 20, 2000	"Financial Flows related to Climate Change Mitigation" Nishioka Seminar(Nishioka Seminar, Graduate school, Keio University)	Aki MARUYAMA	Keio Univ./Fujisawa
Nov. 28, 2000	"Emissions Trading" Internal Seminar(Tokyo Sci. University Management Engineering Dept.)	Naoki MATSUO	Tokyo Sci. Univ. Management Engineering Dept./Tokyo
Nov. 29, 2000	"Emissions Trading" Internal Seminar(Sumitomo Corp)	Naoki MATSUO	Sumitomo Corp/Tokyo
Dec. 3, 2000	"Effectiveness and Issues of Economic Incentive Policy Measures in Developing Countries: The Cases of Indian Wind Energy Policy and Its Implication for Development Assistance" 11th Meeting of The Japan Society for International Development(The Japan Society for International Development)	Aki MARUYAMA	Takushoku University/Tokyo

Dec. 6, 2000	"Emissions Trading" Internal Seminar(Keizai Doyukai)	Naoki MATSUO	Keizai Doyukai/Tokyo
Dec. 15, 2000	"Emissions Trading" Internal Seminar(Osaka Gas)	Naoki MATSUO	Osaka Gas/Tokyo
Dec. 18, 2000	"Emissions Trading" Internal Seminar(Japan Natural Energy Corp)	Naoki MATSUO	Japan Natural Energy Corp/ Tokyo
Dec. 22, 2000	"Emissions Trading" Internal Seminar(Institute for Energy Technology)	Naoki MATSUO	Institute for Energy Technology/Tokyo
Feb. 1, 2001	"CDM: In Search of Effective Implementation" Regional Workshop on Climate Change: The Challenges and Opportunities(Chulalongkorn University,NED and Ministry of Science, Technology and Environment of Thai government)	Aki MARUYAMA	Siam Intercontinental/ Bangkok/Thailand
Mar. 15, 2001	"Issues in Financing Mitigation Projects in China" International Workshop on Social-Economy Assessment for CDM and Other Mechanisms (ERI, IGES, UCCEE)	Aki MARUYAMA	Xindadu Hotel/Beijing/China

B. Urban Environmental Management Project

Date	Titles	Lecturers	Place
Apr. 11-19, 2000	"Toward Sustainable Urban Water Resource Management: A Case Study in Tianjin, China" 2000 International Sustainable Development Research Conference (ERP Environment)	Xuemei BAI	Leeds/UK
Jul. 3-9, 2000	"World Report on the Urban Future" Urban 21: Global Conference on the Urban Future (Federal Ministry of Transport, Building and Housing)	Xuemei BAI	Berlin/Germany
Jul. 12-14, 2000	"Applicability of Japanese Experience in Environmental Management to Asian Developing Countries" International Workshop Japan World Bank/ Environmental Policy (The World Bank Institute, Japan Development Bank)	Yong REN	Hokkaido University/Sapporo
Sep. 11, 2000	"Environmental Change in Asian Coastal Cities: Case Studies and Comparative Analysis" IHDP/START Workshop on Coastal Environment (IHDP/START)	Xuemei BAI	Bonn/Germany
Sep. 12, 2000	"IT (Industrial Transformation) and IT (Information Technology) in Coastal Cities" IHDP/START Workshop on Coastal Environment (IHDP/START)	Xuemei BAI	Bonn/Germany
Oct. 1, 2000	"Current Status and Problems of Financing Urban Environmental Infrastructure in East Asia" Society for Environmental Economics and Policy Studies 2000 (Society for Environmental Economics and Policy Studies)	Miao CHANG, Yong REN, and Hidefumi IMURA	Tsukuba International Conference/Tsukuba
Oct. 1, 2000	"The Economic Effect and Energy 2000/GHG Emission Implication: The Comparison of FDI and ODA from Japan to China" Society for Environmental Economics and Policy Studies 2000 (Society for Environmental Economics and Policy Studies)	Shinji KANEKO, Tae Yong JUNG, and Hidefumi IMURA	Tsukuba International Conference/Tsukuba

C. Forest Conservation Project

Date	Titles	Lecturers	Place
Apr. 1, 2000	"The Response of Local People through the Forest Conservation Policy in Lao P.D.R.: Case Study of National Bio-Diversity Conservation Areas" The 111th Japanese Forestry Society (The Japanese Forestry Society)	Kimihiko HYAKUMURA	Nippon University/Fujisawa
Jun. 29-30, 2000	"Forest Loss in the Asia-Pacific Region" IGES-LIPI Workshop on Forest Conservation: Developing Strategies for Indonesia and the Philippines(Lembaga Ilmu Pengetahuan Indonesia(LIPI), IGES)	Masanobu YAMANE	LIPI/Jakarta/Indonesia

Aug. 2, 2000	"Cause of Forest loss in Asian and Pacific Region" IGES-NUOL Workshop on Forest Conservation: in Lao P.D.R. and Vietnam(Faculty of Forestry, National University of Laos(NUOL), IGES)	Masanobu YAMANE	NUOL/Vientiane/Lao P.D.R.
Sept. 19, 2000	"Towards Sustainable Forest Management in the Russian Far East: Strategic Recommendations Based on IGES Studies" International Workshop on Transition to the Sustainable Forest Management Strategy in the Russian Far Eastern Ecoregion in the 21 Century(Khabarovskiy Krai Administration, Economic Research Institute(ERI), Far Eastern Representative of World Wildlife Fund(RFE-WWF), Forest Trends, Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal, IGES)	Masanobu YAMANE	ERI/Khabarovsk/Russia
Sept. 19, 2000	"Towards Forest Conservation Strategies in the Asia and Pacific Region: Outline and Outputs of IGES Forest Conservation Project" International Workshop on Transition to the Sustainable Forest Management Strategy in the Russian Far Eastern Ecoregion in the 21 Century(Khabarovskiy Krai Administration, Economic Research Institute (ERI), Far Eastern Representative of World Wildlife Fund (RFE-WWF), Forest Trends, Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal, IGES)	Masanobu YAMANE	ERI/Khabarovsk/Russia
Sept. 19, 2000	"Forest Loss in the Asia-Pacific Region" International Workshop on Transition to the Sustainable Forest Management Strategy in the Russian Far Eastern Ecoregion in the 21 Century (Khabarovskiy Krai Administration, Economic Research Institute (ERI), Far Eastern Representative of World Wildlife Fund (RFE-WWF), Forest Trends, Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal, IGES)	Masanobu YAMANE	ERI/Khabarovsk/Russia
Sept. 19, 2000	"Current State of Timber Trade from the RFE to Asia-Pacific Region" International Workshop on Transition to the Sustainable Forest Management Strategy in the Russian Far Eastern Ecoregion in the 21 Century (Khabarovskiy Krai Administration, Economic Research Institute (ERI), Far Eastern Representative of World Wildlife Fund (RFE-WWF), Forest Trends, Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal, IGES)	Masanobu YAMANE	ERI/Khabarovsk/Russia
Jan. 16, 2001	"Outline of 1st-phase Research Outputs from IGES ST Sub-team" 4th International Workshop on Forest Conservation Strategies in Asia and the Pacific Region	Masanobu YAMANE	The University of Tokyo/Tokyo
Jan. 17, 2001	"Enhancing Community Participation in Forest Management: A Reference to Some Indigenous Communities of East Kalimantan" 4th International Workshop on Forest Conservation Strategies in Asia and the Pacific Region	Martinus NANANG	The University of Tokyo/Tokyo
Mar. 13, 2001	"The Causes of Recent Forest Degradation in the Russian Far East" The 3rd Seminar on the Forest Conservation Strategies in the Far-East Russia(Friends of the Earth Japan, Global Environmental Forum, IGES)	Masanobu YAMANE	Earth Partnership Plaza/Tokyo
Mar. 16, 2001	"Study on Participatory Forest Management of National Conservation Forest in Lao P.D.R." Presentations on FASID Research Fellow Program (Foundation for Advanced Studies on International Development(FASID))	Kimihiko HYAKUMURA	FASID/Tokyo
Mar. 28, 2001	"The Issues on Participatory Forest Management in Lao P.D.R.: Case Study on Conservation Forest" The Workshop on the Implication of Decentralization on Natural Resource Management and Conflict Resolution in Indonesia (World Bank Institute(WBI), FASID)	Kimihiko HYAKUMURA	Jakarta/Indonesia

D. Environmental Education Project

Date	Titles	Lecturers	Place
May 27-28, 2000	"Environmental Education in the Asia-Pacific Region : Status, Issues and Practices" Japanese Society of Environmental Education, 11th Annual Convention (Japanese Society of Environmental Education)	Osamu ABE, Bishnu BHANDARI	Tokura-Kaiyamada HighSchool/Nagano
May 27-28, 2000	"A Study of Institutionalization on Environmental Education" Japanese Society of Environmental Education, 11th Annual Convention (Japanese Society of Environmental Education)	Masahiro TAKAHASHI, Osamu ABE	Tokura-Kaiyamada HighSchool/Nagano
May 27-28, 2000	"Trends and Problems of Environmental Education at the Tertiary Level in the Asia Pacific" Japanese Society of Environmental Education, 11th Annual Convention (Japanese Society of Environmental Education)	Masahisa SATO, Osamu ABE	Tokura-Kaiyamada HighSchool/Nagano
May 27-28, 2000	"Environmental Education by NGOs in Indonesia" Japanese Society of Environmental Education, 11th Annual Convention (Japanese Society of Environmental Education)	Ko NOMURA, Osamu ABE	Tokura-Kaiyamada HighSchool/Nagano
Jun. 3, 2000	"Action as an Individual in the Core of Environmental Internship" Unites Nation University Workshop (United Nation Univ.)	Masahisa SATO	United Nation Univ./Tokyo
Aug. 31-Sep. 1, 2000	"Media and Environmental Education" Media Symposium (Asia Forum of Environmental Journalists)	Bishnu BHANDARI, Masahiro TAKAHASHI	Kitakyushu International Conference Center/Fukuoka
Sep. 2, 2000	"Environmental Education in the Asia and Pacific" Global 500 Asia Forum (Global 500 Asia Forum)	Osamu ABE	Rihga Royal Hotel Kokura/Fukuoka
Oct. 3-5, 2000	"Environmental Education in the 21st Century: Topics for Discussion" International Workshop on Wetlands Communication, Education and Public Awareness (Wetland Internaional Japan)	Osamu ABE	Tajiri Town / Miyagi
Oct. 24, 2000	"Status on Environmental Education in the Asia Pacific" Environmental Education Course Focused on Aquatic Environment 2000 (JICA, OIC)	Bishnu BHANDARI	United Nation Univ./Tokyo
Oct. 24, 2000	"Problems and Perspective on Environmental Education" Environmental Education Course Focused on Aquatic Environment 2000 (JICA, OIC)	Osamu ABE	United Nation Univ./Tokyo
Oct. 24, 2000	"Environmental Education at the Tertiary Level in the Asia Pacific" Environmental Education Course Focused on Aquatic Environment 2000 (JICA, OIC)	Masahisa SATO	United Nation Univ./Tokyo
Oct. 24, 2000	"Environmental Education by NGO" Environmental Education Course Focused on Aquatic Environment 2000 (JICA, OIC)	Ko NOMURA	United Nation Univ./Tokyo
Oct. 24, 2000	"Kowgai Education(Pollution Education) in Japan" Environmental Education Course Focused on Aquatic Environment 2000 (JICA, OIC)	Masahiro TAKAHASHI	United Nation Univ./Tokyo
Nov. 21, 2000	"Environmental Education in the Asia Pacific" Book Production: How to Produce Environmental Education Materials (JICA, OIC)	Osamu ABE, Bishnu BHANDARI	TIC/Tokyo
Nov. 21, 2000	"The Role of Media and Communication for Promoting Environmental Education" Book Production: How to Produce Environmental Education Materials (JICA, OIC)	Osamu ABE, Masahisa SATO	SATOTIC/Tokyo
Nov. 29-Dec.1, 2000	"Japan's Environmental Education" China,Korea and Japan Tripartite Environmental Education Symposium (Ministry of the Environment, Japan Environmental Education Forum)	Osamu ABE	Tanuki Lake / Shizuoka
Dec. 19-21, 2000	"IGES Initiatives in Environmental Education in the Asia Pacific Region" UNESCO/Japan Seminar on Environmental Education in Asia-Pacific Region 2000 (UNESCO)	Msasahisa SATO	Olympic Center/ Tokyo
Dec. 19-21, 2000	"Points to be Considered in the promotion of Networking in Environmental Education" UNESCO/Japan Seminar on Environmental Education in Asia-Pacific Region 2000 (UNESCO)	Msasahisa SATO	Olympic Center/ Tokyo

E. Environmental Governance Project

Date	Titles	Lecturers	Place
Apr. 24, 2000	"International Cooperation Contributing Climate Change Mitigation by International Organizations and Developed Countries" Committee for International Economic Cooperation Contributing to Climate Change Mitigation (Ministry of Foreign Affairs)	Wakana TAKAHASHI	Ministry of Foreign Affairs/ Tokyo
Jun. 16, 2000	"Current Status and Prospectus of Multilateral Environmental Cooperation in East Asia" The 19th Annual Meeting, the Society for Energy and Resources)	Wakana TAKAHASHI	Osaka International Convention Center/Osaka
Jul. 26-28, 2000	"Review and Future of Environmental Cooperation in Northeast Asia Whither NEAC?" The 9th Northeast Asian Conference on Environmental Cooperation(NEAC) (Ministry of Environment, Mongolia)	Kazu KATO and Wakana TAKAHASHI	Ulaanbaatar/Mongolia
Sep. 30, 2000	"Cross-National Comparison of Environmental Governance in Asian Countries" The 2000 Annual Meeting, the Society for Environmental Economics and Policy Studies (the Society for Environmental Economics and Policy Studies)	Yohei HARASHIMA	Tsukuba International Congress Center/Tsukuba
Sep. 30, 2000	"The Policies of Regional Cooperation in Northeast Asia" The 2001 Annual Meeting, the Society for Environmental Economics and Policy Studies (the Society for Environmental Economics and Policy Studies)	Wakana TAKAHASHI	Tsukuba International Congress Center/Tsukuba
Oct. 24, 2000	"Environmental Taxes in Selected Asia Countries : A Comparative Analysis" International Symposium on Green Tax Reform in Asian Countries (Korea Environmental Institute(KEI), IGES)	Yohei HARASHIMA	The Sejong Center for the Performing Arts/Seoul/Korea
Dec. 10-16, 2000	"The Politics of Regional Cooperation on Acid Rain Control in East Asia" 6th International Conference on Acidic Deposition 2000 (Acid Rain 2000)	Wakana TAKAHASHI	Tsukuba International Congress Center/Tsukuba
Jan. 24, 2001	"Framework for Regional Environmental Cooperation in Asia" Committee for Effective International Environmental Cooperation (Ministry of Environment)	Wakana TAKAHASHI	IGES Tokyo Office/Tokyo

F. New Development Pattern Project

Date	Titles	Lecturers	Place
May 9, 2000	"Critical Environmental and Sustainable Development Issues of the Region and Measures for Promoting Sustainable Development, Including Partnership with Private Sector and Civil Society Groups" United Nations Economic and Social Commission for Asia and the Pacific Regional Review Meeting (ESCAP/RRM) (United Nations Economic and Social Commission for Asia and the Pacific)	Kazuo MATSUSHITA	ESCAP/Bangkok/Thailand
May 12, 2000	"Towards a New Pattern of Development: Zero Emission Initiatives" International Symposium on Environmental Vision and Strategy for 21st Century (The Korean Association for Public Administration)	Kazuo MATSUSHITA	Seoul/Korea
Aug. 31, 2000	"Policy Implications in Addressing Critical Environment and Sustainable Development Issues of the Region" United Nations Economic and Social Commission for Asia and the Pacific Ministerial Conference on Environment and Development Senior Officials Meeting (ESCAP/MCED/SOM) (United Nations Economic and Social Commission for Asia and the Pacific)	Kazuo MATSUSHITA	Rihga Royal Hotel Kokura/ Kitakyushu
Sep. 3, 2000	"Progress Report of the ECO ASIA LTPP, Phase 2" Environment Congress for Asia and the Pacific (Environment Agency of Japan, Fukuoka Prefecture and City of Kitakyushu)	Kazuo MATSUSHITA	Rihga Royal Hotel Kokura/ Kitakyushu

Oct. 18, 2000	"Building Sustainable Society in the Asia-Pacific Region in the 21st Century" The Asia Global Environment Forum 2000 (Research and Development Initiative (RDI) and Chuo Research Unit for Global Environment (CRUGE))	Kazuo MATSUSHITA	Chuo University, Ichigaya Campus/Tokyo
Jan. 15, 2001	"Overview of ECO ASIA Long-term Perspective Project and IGES" International Seminar on Environmental Consciousness in Asia (Mahidol University and IGES)	Takashi OTSUKA	Mahidol Univeristy/Bangkok/ Thailand
Feb. 27, 2001	"ECO ASIA Long-term Perspective Project's Contribution to ECO ASIA 2000 and ESCAP/MCED 2000" ECO ASIA Long-Term Perspective Project 8th International Workshop (Ministry of Environment)	Kazuo MATSUSHITA	Keio Plaza Hotel/Tokyo
Feb. 27, 2001	"Draft Structure of ECO ASIA Long-term Perspective Project 2nd Phase Final Report" ECO ASIA Long-Term Perspective Project 8th International Workshop (Ministry of Environment)	Takashi OTSUKA	Keio Plaza Hotel/Tokyo

6. Participation in Committees outside of IGES

A. Climate Change Project

Hosting organization	Name of committee	Participants from IGES	Term of office
Environment Agency of Japan	Working Group on Baseline Setting for CDM	Naoki MATSUO	The whole year
Environment Agency of Japan	Working Group on Economical Instruments for Environmental Policy	Naoki MATSUO	-Jun. 2000
Environment Agency of Japan	Working Group on Environmental Taxation	Naoki MATSUO	Jul. 2000
Forestry Agency	Greening Promotion Committee	Naoki MATSUO	The whole year
GISPRI	Certification Committee on Kyoto Flexible Mechanisms	Naoki MATSUO	The whole year
GISPRI	Emissions trading Experiment Group	Naoki MATSUO	The whole year
GISPRI	IPCC Synthesis Report Meeting	Naoki MATSUO	The whole year
GISPRI	IPCC WG III Internal Committee	Naoki MATSUO	The whole year
Japan center of meteorology, JICA	JICA Group Training Course for Abatement of Global Warming, Lecturer (moderator)	Aki MARUYAMA	Feb. 2001
Mitsubishi Research Institute	Study Group on Carbon Finance	Aki MARUYAMA	Sep. 2000-Mar. 2001
RITE	IPCC WG III Internal Committee	Naoki MATSUO	The whole year
RITE	Working Group A of New Earth 21 Program	Naoki MATSUO	The whole year
The World Bank	Study Team Member of "Policy Recommendation to State Development Planning Commission Supporting the Deployment of Clean Coal Technologies in China"	Aki MARUYAMA	Oct. 2000-Mar. 2001

B. Urban Environmental Management Project

None

C. Forest Conservation Project

Hosting organization	Name of committee	Participants from IGES	Term of office
Faculty of Forestry, National University of Laos	Visiting Researcher (Survey on Biodiversity In Lao P.D.R.)	Kimihiko HYAKUMURA	Aug. 21-Sep. 20, 2000
Forest Development Technological Institute	Committee on Urgent Countermeasures for WTO's Next Round	Masanobu YAMANE	Jun. 2000-Mar. 2001
The National Museum of Ethnology	Joint Researcher (Applied Anthropology of the Geo-Environmental Problems)	Kimihiko HYAKUMURA	Apr. 1, 2000-Mar. 31, 2001

D. Environmental Education Project

None

E. Environmental Governance Project

Hosting organization	Name of committee	Participant from IGES	Term of office
Commercial Law Center, Inc.	Committee for World Environmental Policies Contributing to Climate Change Mitigation	Wakana TAKAHASHI	Jun. 2000-Mar. 2001
Ministry of Environment	Committee for Effective International Environmental Cooperation, commissioned by Ministry of Environment	Wakana TAKAHASHI	Jan.-Mar. 2001

F. New Development Pattern Project

Hosting organization	Name of the committee	Participant from IGES	Term of office
Environment Agency of Japan	Study Group on Environmental Performance Indicator	Shuzo KATSUMOTO, Rie SUGIYAMA	May 2000-Jan. 2001
Environment Agency of Japan	Study Group on Environmental Reporting Guideline	Shuzo KATSUMOTO	Sep. 2000-Feb. 2001
IGES	Study Group on Measures for Promoting Efficient International Cooperation	Kazuo MATSUSHITA	Jan. 2001-Mar. 2001
IGES, Nikkei Business Publication, Inc.	Study Group on Information Technology Revolution and Environment	Kazuo MATSUSHITA, Shuzo KATSUMOTO	Dec. 2000-
National Institute for Research Advancement	Study on Building a System for Harmonious Coexistence of Human Environment and Sustainable Development in the Face of Globalization	Kazuo MATSUSHITA	Nov. 1999-Dec. 2000
Shoji Homu Kenkyu Kai	Study Group on Voluntary Approaches	Rie SUGIYAMA	Jan. 2001-Mar. 2001
Shoji Homu Kenkyu Kai	World Environmental Policy on Climate Change	Rie SUGIYAMA	Jun. 2000-Mar. 2001
The Japan Forum on International Relations, Inc.	Study Group on Rio +10 and Environmental Diplomacy of Japan	Kazuo MATSUSHITA	May 2000-

7. Field studies

A. Climate Change Project

NONE

B. Urban Environmental Management Project

Date	Purpose	Place	Participants from IGES
Mar. 27-Apr. 2, 2000	Urban Environmental Governance in Korea	Seoul/Korea	Yong, REN
Jul. 9-19, 2000	Urban Environmental Governance/Financing Urban Environmental Infrastructure in Philippines and Thailand	Manila/Philippines Bangkok/Thailand	Yong, REN and Miao CHANG
Sep. 21-28, 2000	A Pilot Survey for Next Phase	Lan zhou, Dun huang, and Wulumugi/China	Hidefumi IMURA, Xuemei BAI, Shinji KANEKO and Miao CHANG

<Kitakyushu Office>

Date	Purpose	Place	Participants from IGES
Oct. 9-17, 2000	Field Study in Thailand	Bangkok/Thailand	Takeshi KATSUHARA (Toa University), Toru MATSUMOTO (Kyushu University), Osamu NORIMATSU
Dec. 9-16, 2000	Creation of database of information on pollution countermeasures and cases tackling issues in Kitakyushu City for use in international training and academic study	Cebu/Phillipines	Takeshi KATSUHARA (Toa University), Keiko SASAKI

C. Forest Conservation Project

Date	Purpose	Place	Participant from IGES
Jul. 1-31, 2000	Fieldwork on Political Ecology of Local Forest Management	Tanjung Jaan village, West Kutai Distric (East Kalimantan)/Indonesia	Martinus NANANG
Sep. 21-Oct. 2, 2000	Research on Recent Forest Policy	Khabarovsk/Russia	Masanobu YAMANE
Oct. 31-Nov. 11, 2000	Research on New Forest Policy	Beijing/China	Masanobu YAMANE
Jan. 20-Feb. 19, 2000	1) Negotiation on Collaboration between IGES FC and Indonesian Ministry of Forestry, Indonesian Institute of Science (LIPI), and Center for Social Forestry Mulawarman University 2) Fieldwork on Political Ecology of Local Forest Management	1) Ministry of Forestry and State Crops, Indonesian Institute of Science, Center for Social Forestry Mulawarman University 2) Tanjung Jaan village, West Kutai District, East Kalimantan/Indonesia	Martinus NANANG
Jan. 22-Feb. 21, 2001	Negotiation of the Future Research Cooperation with the Forestry Sector of Government in Lao P.D.R. Field Research on Participatory Forest Management in the Site	Department of Forestry, National University of Laos (Faculty of Forestry), Savannakhet Provincial Agriculture and Forestry Office, Phou Xang Hae National Biodiversity Conservation Area/Lao P.D.R.	Kimihiko HYAKUMURA

D. Environmental Education Project

Date	Purpose	Place	Participants from IGES
Apr.3-17,2000	Evaluation of Environmental Education Video Project	Suva/Fiji Apia/Samoa	Osamu ABE, Masahiro TAKAHASHI
Apr.3-17,2000	Survey on Environmental Education at Tertiart Level	Manchedter, Cambridge/UK	Masahisa SATO
Apr.21-29,2000	Evaluation of Environmental Education Video Project	Jakarta, Bogor/Indonesia	Osamu ABE , Ko NOMURA
Oct.29-Nov.7, 2000	Survey on Environmental Education by Indonesian NGOs	Jakarta, Yogyakarta/ Indonesia	Osamu ABE, Ko NOMURA

E. Environmental Governance Project

Date	Purpose	Place	Participants from IGES
Nov. 19-25, 2000	Research on Subregional Environmental Cooperative Programme in Asia	UNEP, UN ESCAP, AIT, Ministry of Science,Technology and Environment in Thailand/ Thailand. APCEL, MOE of Singapore/Singapore	Wakana TAKAHASHI

F. New Development Pattern Project

Date	Purpose	Place	Participants from IGES
May 7-11, 2000	Participation to the UN ESCAP Regional Review Meeting and collecting information for preparing policy recommendation document for ESCAP/MCED (00)	Bangkok/Thailand	Kazuo MATSUSHITA, Takashi OTSUKA
Sep. 16-19, 2000	Interview survey to experts in Beijin and Wuhan, China, on their environmental awareness	Beijin, Wuhan/China	Takashi OTSUKA
Nov. 13-15, 2000	Participation to the second international conference on Global Reporting Initiatives (GRI), information collection for environemental reports and establishing environmental performance indicator	George Washington University/U.S.A	Hidefumi KURASAKA
Jan. 29-30, 2001	Participation to the GRI Measurement Working Group, information collection for environemental reports and establishing environmental performance indicator	Zurich/Switzerland	Hidefumi KURASAKA
Jan. 30-31, 2001	Survey on current status of voluntary approaches in Germany	Bundesverband der Deutschen Industrie e.V. (BDI), Ministry of Environment of Germany/ Germany	Rie SUGIYAMA
Feb. 2, 2001	Survey on current status of voluntary approaches in Europe	CERNA (Centre d'Economie Industrielle)/France	Rie SUGIYAMA

Organization

The names of current members are written in boldtype.

i. List of Members of the Boards of FY2000

Directors	4/1 1997	1998	1999	2000	2001 3/31
Prof. Akio Morishima Chair of the Board of Directors, The Institute for Global Environmental Strategies (IGES) President, Central Environment Council	4/21				
Mr. Nobuo Mizuguchi Vice Governor, Kanagawa Prefectural Government			6/22		
Mr. Yukio Iida Vice Governor, Kanagawa Prefectural Government	4/21		6/22		
Dr. Akihiro Amano Professor, School of Policy Studies, Kwansei Gakuin University	4/21				
Dr. Keith Bezanson Director, Institute of Development Studies, University of Sussex			4/1		
Dr. Edith Brown Weiss Francis Cabell Brown Professor of International Law, Georgetown University Law Center	4/21				
Dr. Peter de Janosi Senior Advisor, LEAD International	4/21				
Mr. Yasuo Goto Chairman Emeritus, The Yasuda Fire & Marine Insurance Co., Ltd.	4/21				
Dr. Ryokichi Hirono Professor Emeritus, Seikei University	4/21				
Dr. Hidefumi Imura Professor, Graduate School of Engineering, Nagoya University	4/21				
Prof. Hiroyuki Ishi Professor, Department of Frontier Science, The University of Tokyo	4/21				
Mr. Maximo Kalaw Executive Director, NCSDP Programme, The Earth Council	4/21				
Dr. Yoichi Kaya Professor, Keio University	4/21				
Ms. Charmine Koda Journalist			4/1		
Dr. Hiroko Hara Director/Professor, Institute for Gender Studies, Ochanomizu University	4/21		3/31		
Dr. Hoesung Lee President, Council on Energy and Environment Korea	4/21				
Dr. Tongroj Onchan President, Mekong Environment and Resource Institute			4/1		
Dr. Yasuyuki Oshima President, Japan Wildlife Research Center	4/21				
Dr. Rajendra K. Pachauri Director, Tata Energy Research Institute			4/1		
Dr. Kirit S. Parikh Emeritus Professor, Indira Gandhi Institute of Development Research	4/21				
Dr. David Pearce Professor, Associate Director, Center for Social and Economic Research on the Global Environment, University College London	4/21		3/31		
Manfred Stock Deputy Director, Potsdam Institute for Climate Impact Research					2/23

	4/1	1997	1998	1999	2000	2001 3/31
Prof. Dr. Hans-Joachim Schellnhuber Director, Potsdam Institute for Climate Impact Research				4/1	2/23	
Dr. Yoshinori Yasuda Professor, International Research Center for Japanese Studies	4/21					
Prof. Kun Zhang Director General, The Sino-Japan Friendship Center for Environmental Protection	4/21					
Auditors						
Mr. Akio Matsubara Managing Director, Member of the Board, Toyota Motor Corporation				4/1		
Mr. Isao Yamashita Managing Executive Officer, The Bank of Yokohama, Ltd.				4/1		
Ms. Charmine Koda Journalist	4/21			3/31		
Mr. Saburo Kato President, Research Institute for Environment and Society	4/21			3/31		
Trustees						
Dr. Borjigd Ts. Adyasuren Advisor to the Minister of Environment, Ministry of Nature and Environment			6/27			
Mr. Tomohide Akiyama Chairman of the Board of Directors, Japan International Forestry Promotion & Cooperation Center				1/4		
Mr. Takeki Manabe Senior Vice-President, Japan International Cooperation Agency	4/21		1/4			
Mr. Nirmal Andrews Regional Director and Representative for Asia and the Pacific, United Nations Environment Programme(UNEP/ROAP)				6/28		
Mr. Takahiko Hiraishi Senior Advisor, United Nations Environment Programme			6/27	6/28		
Dr. Marcel A. Boisard Executive Director, United Nations Institute for Training and Research			6/27			
H. E. Mr. Antonio H. Cerilles Secretary, Department of Environment and Natural Resources, The Government of the Philippines				4/1		
Mr. Victor O. Ramos Secretary, Department of Environment and Natural Resources, The Government of the Philippines			6/27	3/31		
Dr. Ralph Chapman Manager, Strategic Policy Group, Ministry for the Environment				12/26		
Mr. Chartree Chueyprasit Director General, Department of Environmental Quality Promotion, Ministry of Science, Technology and Environment, Thailand					2/6	
Mr. Chalernsak Wanichsombat Director General, Department of Environmental Quality Promotion, Ministry of Science, Technology and Environment, Thailand				12/26	2/6	
Mr. Nigel Cross Executive Director, International Institute for Environment and Development					12/14	

	4/1	1997	1998	1999	2000	2001 ^{3/31}
Mr. Richard Sandbrook Executive Director, International Institute for Environment and Development	4/21			12/14		
Mr. Gerard Early Head, Approvals and legislation Division, Environment Australia				12/26		
Dr. Nobuyoshi Fugono President, Support Center for Advanced Telecommunications Technology Research, Foundation	4/21					
Mr. Shinji Fukukawa Chief Executive Officer, Dentsu Institute for Human Studies, Dentsu Inc.	4/21					
Dr. William Glanville Vice-President & Chief Operating Officer, The International Institute for Sustainable Development				4/1		
Dr. Jim MacNeill Chairman, The International Institute for Sustainable Development	4/21			3/31		
Mr. Takeshi Hara Professor, Waseda University Graduate School of Asia-Pacific Studies Visiting Editorial Staff, The Mainichi Newspapers Co.	4/21					
Mr. Yoshio Hatano President, Foreign Press Center Japan	4/21					
Dr. Peter Hennicke Acting President, Wuppertal Institute for Climate, Environment and Energy				4/1		
Prof. Dr. Ernst Ulrich von Weizsäcker President, Wuppertal Institute for Climate, Environment and Energy	4/21			3/31		
Mr. Takuya Hirano President, Japan Marine Science & Technology Center				4/1		
Mr. Isao Uchida President, National Space Development Agency of Japan	4/21			3/31		
Mr. Masami Ishizaka Executive Vice President, Japan National Oil Corporation	4/21					
Mr. Yo Kimura Director, United Nations Centre for Regional Development				6/28		
Mr. Hideki Kaji Director, United Nations Centre for Regional Development				12/26	6/28	
Mr. Jonathan Lash President, The World Resources Institute	4/21					
Mr. A.H. Zakri Director, The United Nations University/Institute of Advanced Studies						2/23
Dr. Tarcisio Della Senta Director, The United Nations University/Institute of Advanced Studies				6/23		2/23
Prof. Fu-chen Lo Deputy Director, The United Nations University/Institute of Advanced Studies	4/21			6/23		
Mr. Shigeo Masui Editorial Writer, The Yomiuri Shimbun				4/1		
Mr. Shigeyuki Okajima Deputy Editor, Commentary Department, The Yomiuri Shimbun	4/21			3/31		
Mr. Tadahihiro Mitsuhashi Professor, Chiba University of Commerce, Faculty of Policy Informatics	4/21					
Mr. Khieu Muth Director General, Ministry of Environment, King of Cambodia						12/12

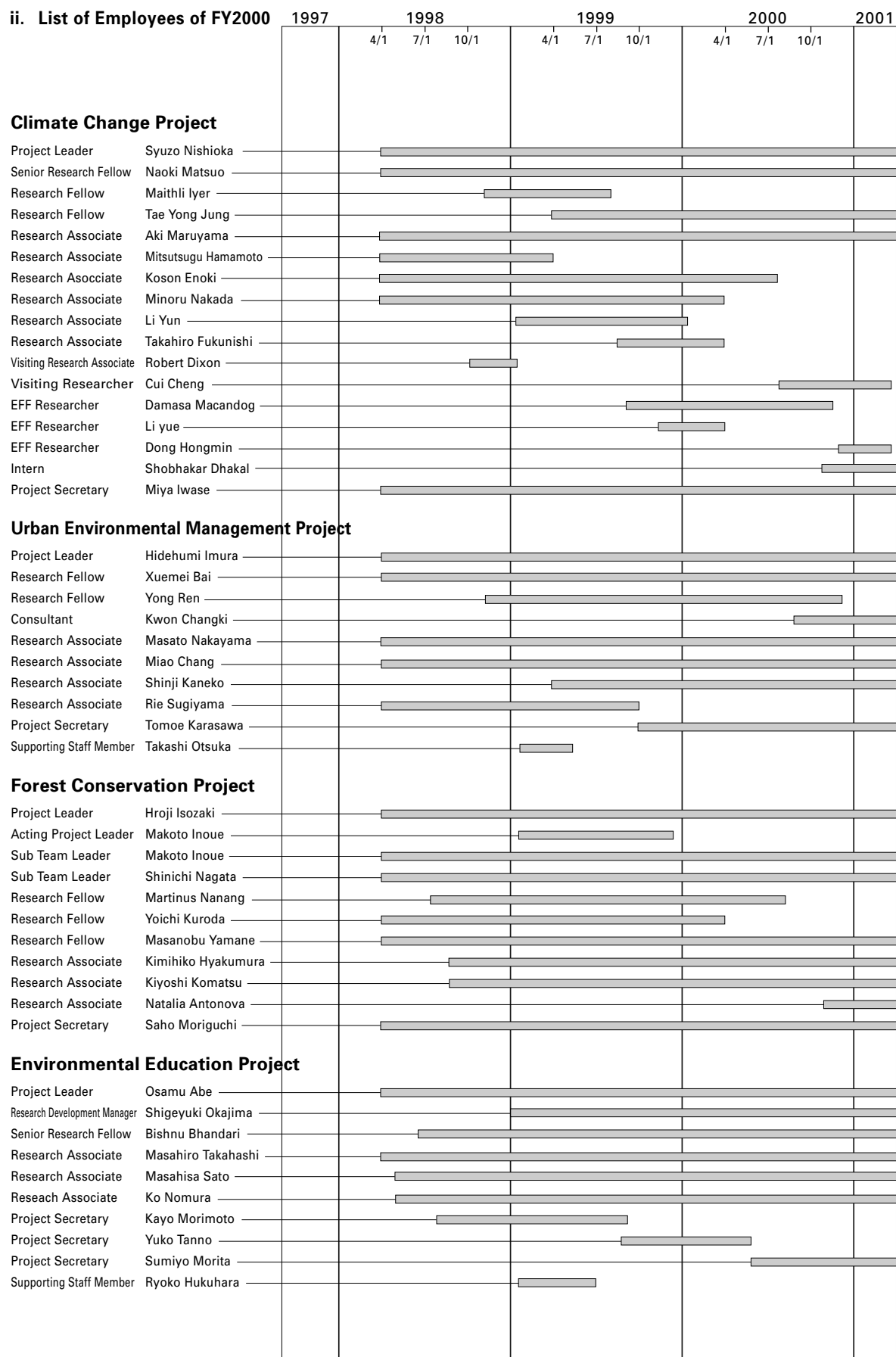
	4/1	1997	1998	1999	2000	2001 3/31
Mr. Tomomitsu Oba Chairman, Japan Center for International Finance	4/21					
Dr. Gen Ohi Director General, National Institute for Environmental Studies				4/1		
Dr. Yoshinori Ishii Director General, National Institute for Environmental Studies	4/21			3/31		
Mr. Hitoshi Osaki Director General, Center for National University Finance	4/21					
Ms. Norine Smith Assistant Deputy Minister, Policy and Communications, Environment Canada				12/26		
Mr. Abrim Lazer Assistant Deputy Minister, Policy and Communications, Environment Canada			6/27	12/26		
Mr. Roger T. Kasperson Executive Director, Stockholm Environment Institute						12/12
Mr. Nicholas Sonntag Executive Director, Stockholm Environment Institute	4/21				12/12	
Dr. R.T.M. Sutamihardja Advisor, State Ministry of Environment, Indonesia			6/27			
Dr. Francisco Szekely Deputy Minister, Ministry of Environment, Mexico	4/21					
Dr. Ruqiu Ye Senior Advisor to the Minister, China State Environmental Protection Administration				12/26		
Dr. Keith Bezanson Director, Institute of Development Studies, University of Sussex	4/21			3/31		
Dr. Rajendra K. Pachauri Director, Tata Energy Research Institute	4/21			3/31		
Prof. Dr. Hans-Joachim Schellnhuber Director, Potsdam Institute for Climate Impact Research	4/21			3/31		
Honorable Advisors						
Mr. Gaishi Hiraiwa Honorary Chairman, Keidanren Chairman, Global Environmental Action	4/21					
Mr. Toshiki Kaifu Advisor, Global Environmental Action; Former Prime Minister of Japan	4/21					
Dr. Ichiro Kato Honorary Chancellor, the Seijo Gakuen, Former President, The University of Tokyo	4/21					
Dr. Jiro Kondo Chairman, The Science and Technology Foundation of Japan	4/21					
Mr. Tomiichi Murayama Advisor, Global Environmental Action; Former Prime Minister of Japan	4/21					
Dr. Jun-ichi Nishizawa President, Iwate Prefectural University Former President, Tohoku University	4/21					
Mr. Geping Qu Chairman of the Council of Environmental and Resources Protection, National People's Congress, China	4/21					
Dr. Emil Salim Former State Minister for Population and Environment, Indonesia	4/21					

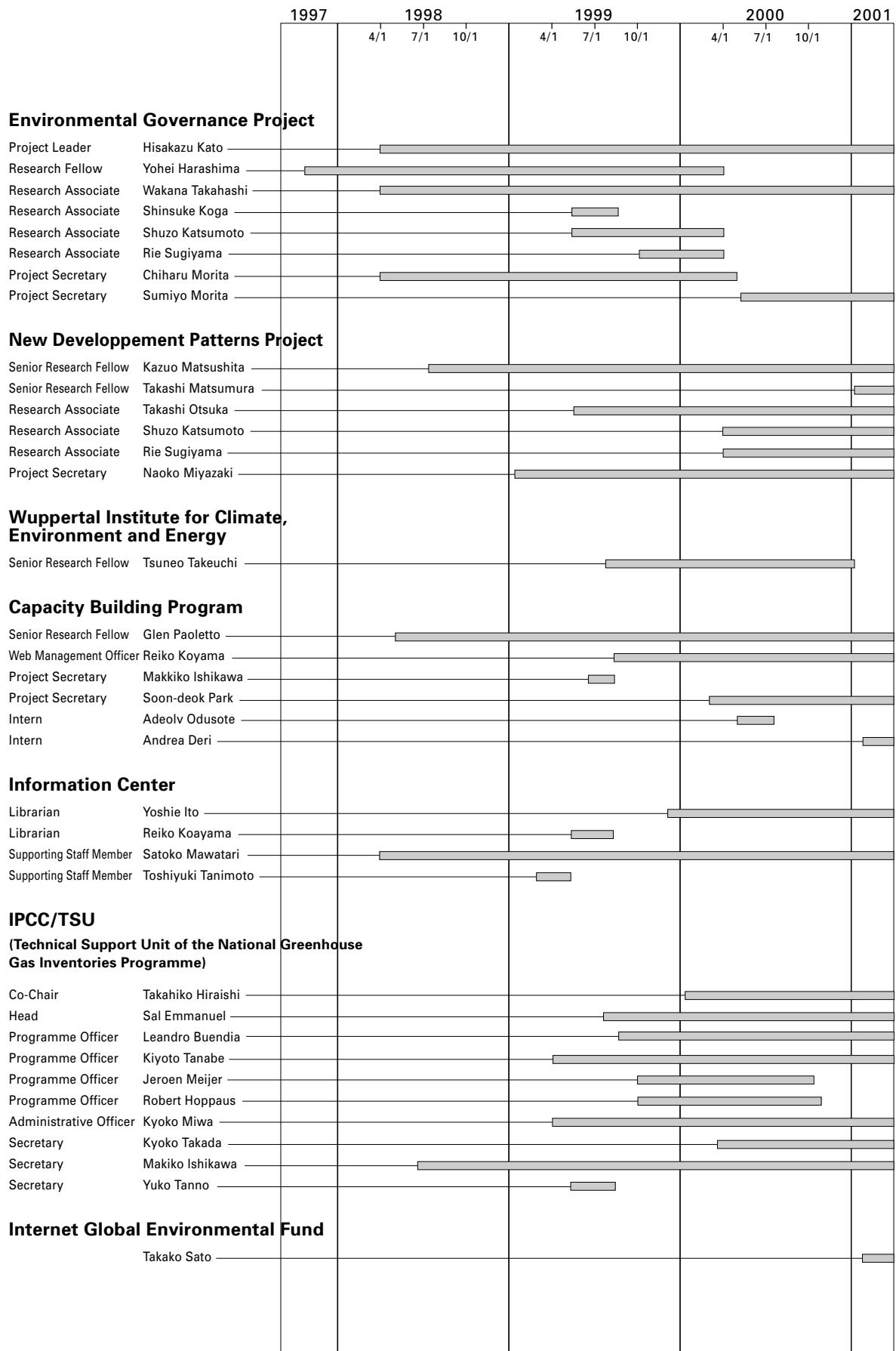
	4/1	1997	1998	1999	2000	2001	3/31
Dr. Stephan Schmidheiny Vice-Chairman, Executive Committee, World Business Council for Sustainable Development	4/21						
Mr. Tom Spencer Chairman, The Foreign Affairs Committee of the European Parliament; President, GLOBE International	4/21			3/31			
Mr. James Gustave Speth Dean, Yale University School of Forestry and Environmental Studies	4/21						
Mr. Maurice Strong Chairman, The Earth Council	4/21						
Dr. M. S. Swaminathan Chairman, M. S. Swaminathan Research Institute	4/21						
Mr. Noboru Takeshita Advisor, Global Environmental Action; Former Prime Minister of Japan	4/21				6/19		
Dr. Klaus Toepfer Executive Director, United Nations Environment Programme				4/1			
Ms. Elizabeth Dowdeswell Executive Director, United Nations Environment Programme	4/21			3/31			
Dr. Takeshi Umehara Honorary Advisor, International Research Center for Japanese Studies	4/21						
Counselors							
Mr. Tomohide Akiyama Chairman of the Board of Directors, Japan International Forestry Promotion & Cooperation Center				1/4			
Mr. Takeki Manabe Senior Vice-President, Japan International Cooperation Agency	4/21			1/4			
Dr. Nobuyoshi Fugono President, Support Center for Advanced Telecommunications Technology Research, Foundation	4/21						
Mr. Shinji Fukukawa Chief Executive Officer, Dentsu Institute for Human Studies, Dentsu Inc.	4/21						
Mr. Takeshi Hara Professor, Waseda University Graduate School of Asia-Pacific Studies Visiting Editorial Staff, The Mainichi Newspapers Co.	4/21						
Mr. Yoshio Hatano President, Foreign Press Center Japan	4/21						
Mr. Takuya Hirano President, Japan Marine Science & Technology Center				4/1			
Mr. Isao Uchida President, National Space Development Agency of Japan	4/21			3/31			
Dr. Yoshinori Ishii President, Institute for Environmental Promotion in Asia				4/1			
Dr. Tsuguyoshi Suzuki Former Director General, National Institute for Environmental Studies	4/21			3/31			
Mr. Masami Ishizaka Executive Vice President, Japan National Oil Corporation	4/21						
Mr. Sukio Iwatate Former Minister of State, Environment Agency, Government of Japan	4/21					3/7	

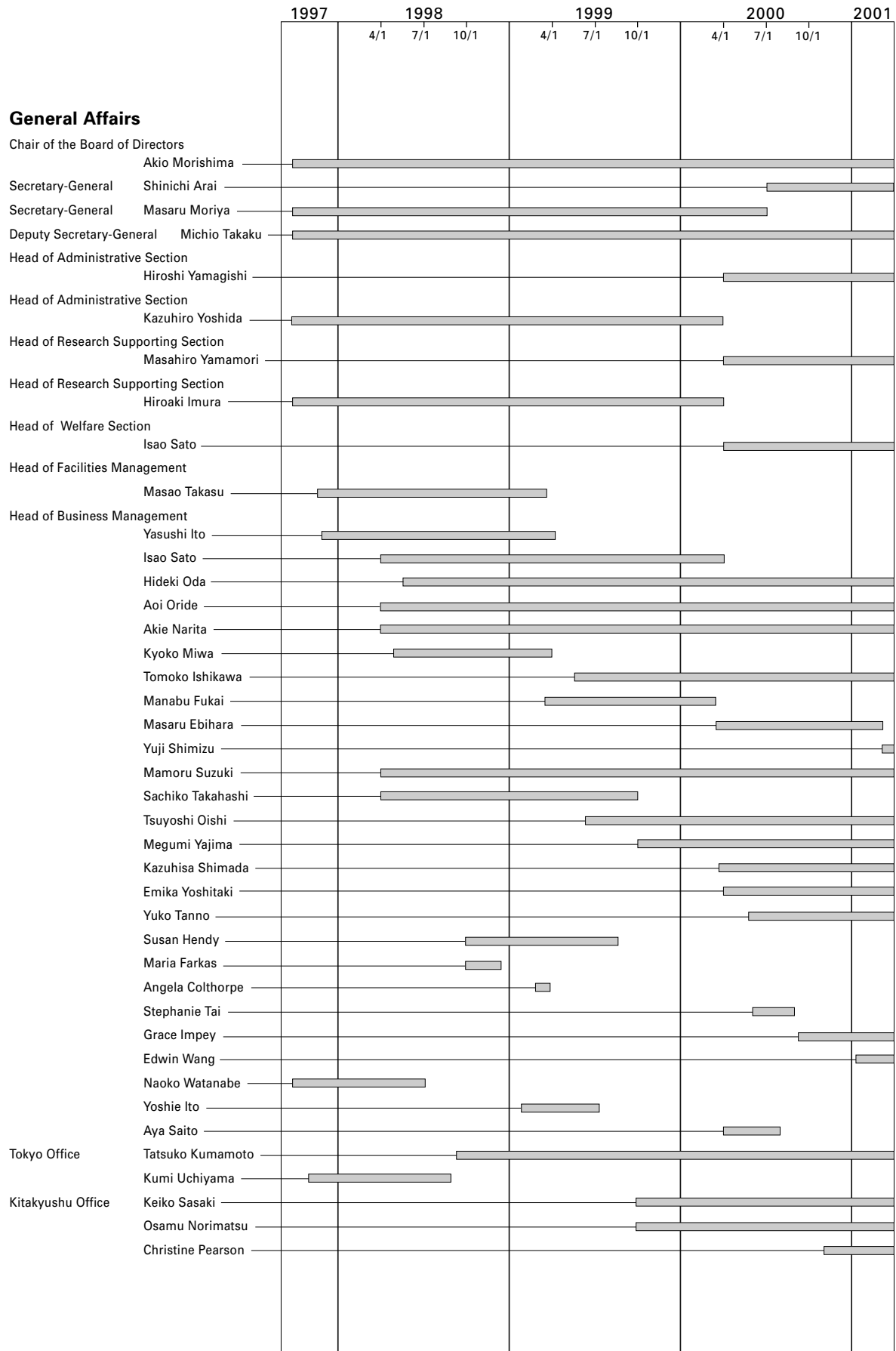
	4/1	1997	1998	1999	2000	2001 3/31
Mr. Tadahiro Mitsuhashi Professor, Chiba University of Commerce, Faculty of Policy Informatics	4/21					
Mr. Hiroshi Enami Speaker, Kanagawa Prefectural Assembly					6/23	
Mr. Yoshikiyo Miyoshi Speaker, Kanagawa Prefectural Assembly				6/28	6/23	
Mr. Sadataka Banba Speaker, Kanagawa Prefectural Assembly			6/27	6/28		
Mr. Kenji Murakami Speaker, Kanagawa Prefectural Assembly		6/2	6/27			
Mr. Takaaki Soeda Speaker, Kanagawa Prefectural Assembly	4/21	6/2				
Mr. Shigeyuki Okajima Executive Director, Japan Environmental Education Forum	4/21					
Mr. Tomomitsu Oba Chairman, Japan Center for International Finance	4/21					
Mr. Hitoshi Osaki Director General, Center for National University Finance	4/21					
Research Advisory Committee Members						
Dr. Kheng-Lian Koh Director, Asia-Pacific Centre for Environmental Law (APCEL)			8/3			
Dr. Edda Muller Executive, Federation of German Consumer Organizations			8/3			
Mr. Akinobu Yasumoto Executive Director, Global Industrial and Social Progress Research Institute (GISPRI)				9/1		
Mr. Katsuo Seiki Executive Director, Global Industrial and Social Progress Research Institute (GISPRI)			8/3		8/29	
Dr. Jyoti K. Parikh Senior Professor, Indira Gandhi Institute of Development Research			8/3			
Dr. Keith Bezanson Director, Institute of Development Studies (IDS), University of Sussex			8/3			
Prof. Chia Lin Sien Associate Senior Research Fellow, Institute of Southeast Asian Studies (ISEAS)			8/3			
Mr. Philip Mathews Assistant Director General, Institute of Strategic and International Studies (ISIS)			8/3			
Dr. Francisco Szekely Deputy Minister, Ministry of Environment, Mexico			8/3			
Dr. Nebjosa Nakicenovic Leader, Environmentally Compatible Energy Strategies Project, International Institute for Applied Systems Analysis (IIASA)			8/3			
Mr. Koy Thomson Assistant Executive Director, International Institute for Environment and Development (IIDE)				11/24		
Dr. Jin-Gyu Oh Director, Center for Climate Change Studies, Korea Energy Economics Institute (KEEI)					11/17	

	4/1	1997	1998	1999	2000	2001 ^{3/31}
Dr. Tae Yong Jung Senior Fellow, Korea Energy Economics Institute (KEEI)			8/3	3/31		
Dr. Wha-Jin Han Director, Global Environmental Research Center, Korea Environment Institute (KEI)					4/18	
Dr. Seung Woo Kim Research Fellow, Korea Environment Institute (KEI)			8/3		4/18	
Dr. Tsuneyuki Morita Director, Social Environmental System Division, National Institute for Environmental Studies (NIES)						8/7
Dr. Sukehiro Goto Director, Social Environmental System Division, National Institute for Environmental Studies (NIES)			8/3		8/7	
Prof. Martin Claussen Head of Climate System Department, Potsdam Institute for Climate Impact Research(PIK)			8/3			
Dr. Leena Srivastava Dean, Regulatory Studies and Governance Division, Tata Energy Research Institute (TERI)			8/3			
Dr. Chalongphob Sussangkarn President, Thailand Development Research Institute Foundation (TDRI)				4/1		
Dr. Mingsarn Santikarn Kaosa-ard Vice President, Thailand Development Research Institute Foundation (TDRI)			8/3	2/12		
Dr. Tongroj Onchan President, Mekong Environment and Resource Institute			8/3			
Dr. Gerardo Budowski Vice Rector, United Nations University for Peace			8/3			
Dr. William Glanville Vice President & Chief Operating Officer, The International Institute for Sustainable(IISD)				4/1		
Mr. Guang Xia Deputy Director, Department of Environmental Strategy and Policy Research, The Sino-Japan Friendship Center for Environmental Protection			8/3			

ii. List of Employees of FY2000







iii. List of Signatory Organizations and Institutions

(In alphabetical order)

[National Administrative Organizations]

Ministry of the Environment, Japan
Department of the Environment, Australia
Ministry of Environment, Canada
State Environmental Protection Administration, China
Ministry of Environment and Forests, India
State Ministry of Environment, Indonesia
Ministry of Nature and the Environment, Mongolia
Ministry for the Environment, New Zealand
Department of Environment and Natural Resources, the Philippines
Ministry of Science, Technology and the Environment, Thailand



10 Organizations

[International Organizations]

United Nations Centre for Regional Development
United Nations Environment Programme
United Nations Institute for Training and Research
The United Nations University/Institute of Advanced Studies

4 Organizations



[Research and Academic Institutions]

Asia-Pacific Centre for Environmental Law, Singapore
The Earth Council, Costa Rica
Global Industrial and Social Progress Research Institute, Japan
Indira Gandhi Institute of Development Research, India
Institute of Development Studies, University of Sussex, United Kingdom
Institute of Southeast Asian Studies, Singapore
Institute of Strategic and International Studies (ISIS) Malaysia, Malaysia
International Academy of the Environment, Switzerland
International Institute for Environment and Development, United Kingdom
The International Institute for Sustainable Development, Canada
International Institute of Applied Systems Analysis, Austria
Korea Energy Economics Institute, Republic of Korea
Korea Environment Institute, Republic of Korea
National Institute for Environmental Studies, Japan
Potsdam Institute for Climate Impact Research, Germany
The Sino-Japan Friendship Center for Environmental Protection, China
Tata Energy Research Institute, India
Thailand Development Research Institute Foundation, Thailand
Thailand Environment Institute, Thailand
The World Resources Institute, United States of America
Wuppertal Institute for Climate, Environment and Energy, Germany

21 Organizations



Financial Statements for FY1999

貸借対照表

1999年度及び2000年度

Balance Sheet

Fiscal 1999 (Year ended March 31, 2000) and
Fiscal 2000 (Year ended March 31, 2001)

<p>資産の部</p> <p>1 流動資産</p> <p>現金・預金 未収金 未収会費 短期貸付金 前払費用 立替金 仮払金 会計間貸借 流動資産合計</p> <p>2 固定資産</p> <p>基本財産</p> <p>投資有価証券(基本金) 投資有価証券(戦略研究基金)</p> <p>その他の固定資産</p> <p>建物付属設備 情報通信設備 車両運搬具 什器備品 ソフトウェア 計 投資有価証券 電話加入権 敷金 退職給与引当預金 減価償却引当預金</p> <p>固定資産合計 資産合計</p>	<p>Assets</p> <p>Current assets</p> <p>Cash on hand and in banks Accounts receivable Membership fee receivable Short-term loans Prepaid expenses Advance disbursement Advance payments Inter-account receivables (payables) Total current assets</p> <p>Non-current assets</p> <p>Assets for basic funds</p> <p>Investment securities (Basic Fund) Investment securities (Strategic Research Fund)</p> <p>Other non-current assets</p> <p>Building equipment IT equipment Vehicles Office equipment Software</p> <p>Investment securities Telephone rights Lease deposits Deposits for severance indemnities funds Deposits for depreciation funds</p> <p>Total non-current assets Total assets</p>
<p>負債の部</p> <p>1 流動負債</p> <p>未払金 前受金 預り金 流動負債合計</p> <p>2 固定負債</p> <p>退職給与引当金 固定負債合計 負債合計</p>	<p>Liabilities</p> <p>Current liabilities</p> <p>Accounts payable Advance receipt Deposits received Total current liabilities</p> <p>Non-current liabilities</p> <p>Accrued severance indemnities Total non-current liabilities Total liabilities</p>
<p>正味財産の部</p> <p>1 永久的に用途を制限された正味財産</p> <p>基本金 戦略研究基金</p> <p>2 一時的に用途を制限された正味財産</p> <p>IPCC/TSU特別会計活動資金 インターネット特別会計活動資金</p> <p>3 用途を制限されない正味財産</p> <p>正味財産合計 負債及び正味財産合計</p>	<p>Net Assets</p> <p>Permanently restricted</p> <p>Basic Fund Strategic Research Fund</p> <p>Temporarily restricted</p> <p>Net assets for IPCC/TSU Fund Net assets for the Internet Global Environmental Fund</p> <p>Unrestricted</p> <p>Total net assets Total liabilities and net assets</p>

(単位：千円, Unit : Thousands of Yen)

3月31日 March 31

2000年			2001年			
一般会計	IPCC/TSU 特別会計	計	一般会計	特別会計	Special Account	計
General Account	IPCC/TSU Special Account	Total	General Account	IPCC/TSU	インターネット 地球環境基金 Internet Global Environmental Fund	Total
770	23,063	23,833	56,250	53,871	1,884,224	1,994,345
147,934	126	148,060	64,035	-	-	64,035
163	-	163	100	-	-	100
-	-	-	474	-	-	474
2,476	-	2,476	2,138	-	-	2,138
11	15	26	543	-	-	543
-	-	-	155	-	-	155
(20,000)	20,000	-	-	-	-	-
131,354	43,204	174,558	123,695	53,871	1,884,224	2,061,790
50,000	-	50,000	50,000	-	-	50,000
200,000	-	200,000	200,000	-	-	200,000
250,000	-	250,000	250,000	-	-	250,000
15,544	2,950	18,494	14,500	2,763	-	17,263
26,461	26,335	52,796	21,452	21,630	-	43,082
2,117	-	2,117	1,754	-	-	1,754
1,182	993	2,175	937	819	-	1,756
12,098	608	12,706	9,414	473	-	9,887
57,402	30,886	88,288	48,057	25,685	-	73,742
-	-	-	390	-	-	390
1,788	306	2,094	1,788	306	-	2,094
3,804	840	4,644	3,804	840	-	4,644
2,790	-	2,790	598	80	-	678
6,623	-	6,623	25,573	8,718	-	34,291
72,407	32,032	104,439	80,210	35,629	-	115,839
322,407	32,032	354,439	330,210	35,629	-	365,839
453,761	75,236	528,997	453,905	89,500	1,884,224	2,427,629
115,264	17,363	132,627	117,789	7,242	1,136	126,167
120	-	120	70	-	-	70
3,029	375	3,404	5,681	729	54	6,464
118,413	17,738	136,151	123,540	7,971	1,190	132,701
6,575	422	6,997	1,689	223	-	1,912
6,575	422	6,997	1,689	223	-	1,912
124,988	18,160	143,148	125,229	8,194	1,190	134,613
50,000	-	50,000	50,000	-	-	50,000
200,000	-	200,000	200,000	-	-	200,000
250,000	-	250,000	250,000	-	-	250,000
-	57,076	-	-	81,306	-	81,306
-	-	-	-	-	1,883,034	1,883,034
-	57,076	-	-	81,306	1,883,034	1,964,340
78,773	-	135,849	78,676	-	-	78,676
328,773	57,076	385,849	328,676	81,306	1,883,034	2,293,016
453,761	75,236	528,997	453,905	89,500	1,884,224	2,427,629

正味財産増減計算書
1999年度及び2000年度

Statement of Activities

Fiscal 1999 (Year ended March 31, 2000) and
Fiscal 2000 (Year ended March 31, 2001)

		1999年度 Fiscal 1999		
		一般会計	IPCC/TSU 特別会計	計 Total
		General Account	IPCC/TSU Special Account	
		決算額	決算額	決算額
		Actual	Actual	Actual
収入（収益）の部	Revenues and gains:			
1 基本財産運用収入	Income from basic fund			
基本財産利息収入	Interest income	176	-	176
2 戦略研究基金運用収入	Income from strategic research fund			
戦略基金運用利息	Interest income	812	-	812
3 会費収入	Membership fees	3,315	-	3,315
4 事業収入	Contract revenues			
受託事業収入	Contract revenues	227,954	-	227,954
その他の事業収入	Others	-	-	-
		227,954	-	227,954
5 拠出金収入(環境庁)	Subsidies from Ministry of the Environment			
	For Strategic Research	500,000	-	500,000
	For Internet Global Environmental Fund	-	-	-
		500,000	-	500,000
6 補助金収入	Subsidies			
神奈川県	from Kanagawa Prefecture			
運営費・事業費	For office management and promotion	86,100	-	86,100
家賃	For office rent	66,684	-	66,684
北九州市	from Kitakyushu City	16,231	-	16,231
		169,015	-	169,015
7 研究助成金収入	Research grant	5,799	-	5,799
8 負担金収入	Revenue for shared services	7,144	-	7,144
9 寄付金収入	Donations	2,376	-	2,376
10 雑収入	Miscellaneous income	15,521	-	15,521
11 日本特別基金収入	Subsidies for IPCC Japanese special fund	-	175,860	175,860
収入（収益）計	Total revenues and gains:	932,112	175,860	1,107,972
支出（費用）の部	Expenses and losses:			
1 事業費	Expenses for promotion of projects	713,072	114,845	827,917
2 管理費	General and administrative expenses	191,990	-	191,990
3 減価償却費	Depreciation and amortization	9,033	3,517	12,550
4 退職給与引当金繰入 （支払額控除後）/戻入	Provision (reversal) for severance indemnities (net of payments)	3,784	422	4,206
5 予備費	Budgeted reservation	-	-	-
支出（費用）計	Total expenses and losses:	917,879	118,784	1,036,663
当期正味財産増加（減少）額	Increase (decrease) in net assets:	14,233	57,076	71,309
前期繰越正味財産	Net assets at beginning of year	314,540	-	314,540
次期繰越正味財産	Net assets at end of year	328,773	57,076	385,849

* 特別会計の正味財産は、特定の目的のために一時的に使途を制限された基金である。

* Net assets for Special Accounts mean temporarily restricted fund for specific purposes.

(単位：千円, Unit : Thousands of Yen)

2000年度 Fiscal 2000

特別会計 Special Account											
一般会計 General Account			インターネット地球環境基金 Internet Global Environmental Fund						計 Total		
			IPCC/TSU								
予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference
76	1,931	(1,855)	-	-	-	-	-	-	76	1,931	(1,855)
987	7,426	(6,439)	-	-	-	-	-	-	987	7,426	(6,439)
3,685	4,110	(425)	-	-	-	-	-	-	3,685	4,110	(425)
183,188	165,652	17,536	-	-	-	-	-	-	183,188	165,652	17,536
1,556	1,669	(113)	-	-	-	-	-	-	1,556	1,669	(113)
184,744	167,321	17,423	-	-	-	-	-	-	184,744	167,321	17,423
500,000	500,000	-	-	-	-	-	-	-	500,000	500,000	-
-	-	-	-	-	-	2,000,000	2,000,000	-	2,000,000	2,000,000	-
500,000	500,000	-	-	-	-	2,000,000	2,000,000	-	2,500,000	2,500,000	-
86,300	86,300	-	-	-	-	-	-	-	86,300	86,300	-
133,368	133,368	-	-	-	-	-	-	-	133,368	133,368	-
43,161	43,161	-	-	-	-	-	-	-	43,161	43,161	-
262,829	262,829	-	-	-	-	-	-	-	262,829	262,829	-
10,794	10,828	(34)	-	-	-	-	-	-	10,794	10,828	(34)
4,995	5,040	(45)	-	-	-	-	-	-	4,995	5,040	(45)
-	-	-	-	-	-	-	-	-	-	-	-
10,617	10,937	(320)	-	-	-	100	-	100	10,717	10,937	(220)
-	-	-	175,983	175,983	-	-	-	-	175,983	175,983	-
978,727	970,422	8,305	175,983	175,983	-	2,000,100	2,000,000	100	3,154,810	3,146,405	8,405
707,335	706,201	1,134	152,038	146,750	5,288	107,630	116,966	(9,336)	967,003	969,917	(2,914)
258,766	259,286	(520)	-	-	-	-	-	-	258,766	259,286	(520)
18,913	9,918	8,995	8,719	5,202	3,517	-	-	-	27,632	15,120	12,512
4,382	(4,886)	9,268	504	(199)	703	-	-	-	4,886	(5,085)	9,971
6,359	-	6,359	40,465	-	40,465	2,470	-	2,470	49,294	-	49,294
995,755	970,519	25,236	201,726	151,753	49,973	110,100	116,966	(6,866)	1,307,581	1,239,238	68,343
(17,028)	(97)	(16,931)	(25,743)	24,230	(49,973)	1,890,000	1,883,034	6,966	1,847,229	1,907,167	(59,938)
328,773	328,773	-	57,076	57,076	-	-	-	-	385,849	385,849	-
311,745	328,676	(16,931)	31,333	81,306	(49,973)	1,890,000	1,883,034	6,966	2,233,078	2,293,016	(59,938)

収支計算書
1999年度及び2000年度

Statement of Cash flows
Fiscal 1999 (Year ended March 31,2000) and
Fiscal 2000 (Year ended March 31,2001)

		1999年度 Fiscal 1999		
		一般会計	IPCC/TSU 特別会計	計 Total
		General Account	Special Account	
		決算額	決算額	決算額
		Actual	Actual	Actual
経常収支	Cash flows from operating activities			
1 当期正味財産増加額	Changes in net assets	14,233	57,076	71,309
2 経常収支への調整	Adjustments to reconcile change in net assets to net cash used by operating activities			
減価償却費	Depreciation and amortization	9,033	3,517	12,550
退職給与引当金繰入(戻入)額	Provision (reversal) for severance indemnities	3,784	422	4,206
未収金(増加)減少	Decrease (increase) in accounts receivable	(56,159)	(126)	(56,285)
その他流動資産(増加)減少	Decrease (increase) in other current assets	(1,358)	(15)	(1,373)
未払金増加(減少)	Increase (decrease) in accounts payable	20,721	17,363	38,084
その他流動負債増加	Increase in other current liabilities	1,213	375	1,588
経常収支	Net cash provided by (used in) operating activities	(8,533)	78,612	70,079
投資活動	Cash flows from investing activities			
1 固定資産取得支出	Purchase of property and equipment			
建物付属設備	Purchase of building equipment	(3,561)	(3,116)	(6,677)
情報通信設備	Purchase of I T equipment	(4,992)	(16,203)	(21,195)
車両運搬具	Purchase of vehicles	(2,419)	-	(2,419)
什器備品	Purchase of office equipment	(345)	(1,125)	(1,470)
ソフトウェア	Purchase of software	(14,481)	(675)	(15,156)
電話加入権	Purchase of telephone rights	(534)	(306)	(840)
固定資産会計間振替	Inter-accounts transfer-Equipment	13,284	(13,284)	-
		(13,048)	(34,709)	(47,757)
2 特定預金及び有価証券の設定	Increase in deposits and securities for specific funds			
基本財産特定投資有価証券	Investment securities for Basic Fund	(50,000)	-	(50,000)
戦略研究基金特定投資有価証券	Investment securities for Strategic Research Fund	(149,975)	-	(149,975)
余裕資金特定投資有価証券	Investment securities for reserved payment	-	-	-
退職給与引当金特定預金	Deposits for severance indemnities funds	-	-	-
減価償却引当金特定預金	Deposits for depreciation funds	-	-	-
		(199,975)	-	(199,975)
3 特定預金取崩	Decrease in deposits for specific funds			
基本財産特定預金	Deposits for Basic Fund	50,000	-	50,000
基本財産特定投資有価証券	Investment securities for basic fund	-	-	-
戦略研究基金特定預金	Deposits for Strategic Research Fund	149,975	-	149,975
戦略研究基金特定投資有価証券	Investment securities for Strategic Fund	-	-	-
余裕資金特定投資有価証券	Investment securities for Strategic Fund	-	-	-
退職給与引当金特定預金	Deposits for severance indemnities funds	-	-	-
		199,975	-	199,975
4 その他	Other			
敷金支出	Payment of guaranty deposits	(1,090)	(840)	(1,930)
合 計	Net cash used in investing activities	(14,138)	(35,549)	(49,687)
財務活動	Cash flows from financing activities			
1 短期借入金収入	Borrowing of short term loans	175,000	-	175,000
2 短期借入金返済支出	Repayments of short term loans	(175,000)	-	(175,000)
3 会計間貸付金支出	Inter-account receivables (payables)	20,000	(20,000)	-
合 計	Net cash provided by (used in) financing activities	20,000	(20,000)	-
現金及び現金同等物増加額	Net increase (decrease) in cash and cash equivalents	(2,671)	23,063	20,392
現金及び現金同等物期首残高	Cash and cash equivalents at beginning of year	3,441	-	3,441
現金及び現金同等物期末残高	Cash and cash equivalents at end of year	770	23,063	23,833
収支差額との調整	Reconciliation to Surplus from revenues over expenditures			
現金及び現金同等物増加(減少)額	Net increase (decrease) in cash and cash equivalents	(2,671)	23,063	20,392
未収金(増加)減少	Decrease (increase) in accounts receivable	56,159	126	56,285
その他流動資産(増加)減少	Decrease (increase) in other current assets	1,358	15	1,373
未払金増加(減少)	Increase (decrease) in accounts payable	(20,721)	(17,363)	(38,084)
その他流動負債増加	Increase in other current liabilities	(1,213)	(375)	(1,588)
	Surplus from revenues over expenditures			
当期収支差額	For the year	32,912	5,466	38,378
前期繰越収支差額	Beginning of year	29	-	29
次期繰越収支差額	End of year	32,941	5,466	38,407

(単位：千円, Unit : Thousands of Yen)

2000年度 Fiscal 2000

特別会計 Special Account

一般会計 General Account			IPCC/TSU			インターネット地球環境基金 Internet Gbol Environmental Fund			計 Total		
予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference	予算額 Budget	決算額 Actual	差異 Difference
(17,028)	(97)	(16,931)	(25,743)	24,230	(49,973)	1,890,000	1,883,034	6,966	1,847,229	1,907,167	(59,938)
18,913	9,918	8,995	8,719	5,202	3,517	-	-	-	27,632	15,120	12,512
4,382	(4,886)	9,268	504	(199)	703	-	-	-	4,886	(5,085)	9,971
(5,483)	83,899	(89,382)	-	126	(126)	-	-	-	(5,483)	84,025	(89,508)
(50)	(760)	710	105	15	90	222	-	222	277	(745)	1,022
(2,703)	2,525	(5,228)	28,660	(10,121)	38,781	(200)	1,136	(1,336)	25,757	(6,460)	32,217
(1,177)	2,602	(3,779)	-	354	(354)	(100)	54	(154)	(1,277)	3,010	(4,287)
(3,146)	93,201	(96,347)	12,245	19,607	(7,362)	1,889,922	1,884,224	5,698	1,899,021	1,997,032	(98,011)
-	-	-	-	-	-	-	-	-	-	-	-
(350)	(326)	(24)	-	-	-	-	-	-	(350)	(326)	(24)
-	-	-	-	-	-	-	-	-	-	-	-
(250)	(246)	(4)	-	-	-	-	-	-	(250)	(246)	(4)
-	-	-	-	-	-	-	-	-	-	-	-
(600)	(572)	(28)	-	-	-	-	-	-	(600)	(572)	(28)
(50,000)	(50,000)	-	-	-	-	-	-	-	(50,000)	(50,000)	-
(300,388)	(300,388)	-	-	-	-	-	-	-	(300,388)	(300,388)	-
(85,704)	(85,704)	-	-	-	-	-	-	-	(85,704)	(85,704)	-
(4,382)	(4,383)	1	(504)	(502)	(2)	-	-	-	(4,886)	(4,885)	(1)
(18,913)	(18,950)	37	(8,719)	(8,719)	-	-	-	-	(27,632)	(27,669)	37
(459,387)	(459,425)	38	(9,223)	(9,221)	(2)	-	-	-	(468,610)	(468,646)	36
-	-	-	-	-	-	-	-	-	-	-	-
49,900	49,900	-	-	-	-	-	-	-	49,900	49,900	-
50,000	50,000	-	-	-	-	-	-	-	50,000	50,000	-
249,754	250,157	(403)	-	-	-	-	-	-	249,754	250,157	(403)
85,644	85,644	-	-	-	-	-	-	-	85,644	85,644	-
5,482	6,575	(1,093)	278	422	(144)	-	-	-	5,760	6,997	(1,237)
440,780	442,276	(1,496)	278	422	(144)	-	-	-	441,058	442,698	(1,640)
-	-	-	-	-	-	-	-	-	-	-	-
(19,207)	(17,721)	(1,486)	(8,945)	(8,799)	(146)	-	-	-	(28,152)	(26,520)	(1,632)
80,000	80,000	-	-	-	-	-	-	-	80,000	80,000	-
(80,000)	(80,000)	-	-	-	-	-	-	-	(80,000)	(80,000)	-
(20,000)	(20,000)	-	20,000	20,000	-	-	-	-	-	-	-
(20,000)	(20,000)	-	20,000	20,000	-	-	-	-	-	-	-
(42,353)	55,480	(97,833)	23,300	30,808	(7,508)	1,889,922	1,884,224	5,698	1,870,869	1,970,512	(99,643)
770	770	-	23,063	23,063	-	-	-	-	23,833	23,833	-
(41,583)	56,250	(97,833)	46,363	53,871	(7,508)	1,889,922	1,884,224	5,698	1,894,702	1,994,345	(99,643)
(42,353)	55,480	(97,833)	23,300	30,808	(7,508)	1,889,922	1,884,224	5,698	1,870,869	1,970,512	(99,643)
5,483	(83,899)	89,382	-	(126)	126	-	-	-	5,483	(84,025)	89,508
50	760	(710)	(105)	(15)	(90)	(222)	-	(222)	(277)	745	(1,022)
2,703	(2,525)	5,228	(28,660)	10,121	(38,781)	200	(1,136)	1,336	(25,757)	6,460	(32,217)
1,177	(2,602)	3,779	-	(354)	354	100	(54)	154	1,277	(3,010)	4,287
(32,940)	(32,786)	(154)	(5,465)	40,434	(45,899)	1,890,000	1,883,034	6,966	1,851,595	1,890,682	(39,087)
32,941	32,941	-	5,466	5,466	-	-	-	-	38,407	38,407	-
1	155	(154)	1	45,900	(45,899)	1,890,000	1,883,034	6,966	1,890,002	1,929,089	(39,087)

Articles of Association for the Institute for Global Environmental Strategies

Authorized by the Governor of Kanagawa Prefecture on April 21, 1997
Amendments Approved by the Prime Minister of Japan on March 31, 1998
Amended on February 23, 2001

Chapter 1 General Provisions

(Name)

Article 1

This institute shall be called the Institute for Global Environmental Strategies (hereinafter "the Institute").

(Office)

Article 2

1. The headquarters of the Institute shall be situated at 1560-39 Kami Yamaguchi, Hayama-machi, Miura-gun, Kanagawa Prefecture.
2. The Institute may establish other offices where needed upon resolution of the Board of Directors.

(Objectives)

Article 3

The Institute, based on the Charter for the Establishment of the Institute for Global Environmental Strategies (hereinafter "the Charter"), shall strive to carry out policy oriented research and related activities to develop and formulate innovative policy instruments and environmental strategies for sustainable development ("Strategic Research"), aiming at creating a new paradigm for global civilization; and to make the results of the Strategic Research applicable for the policy making and decision making of a broad range of entities so that sustainable development can be achieved globally, inter alia in the Asia-Pacific Region.

(Activities)

Article 4

In order to achieve the objectives outlined in the preceding article, the Institute shall undertake the following business activities:

- 1) conduct Strategic Research, including joint research with international organizations, national and local governments, research and academic institutions, corporations, and NGOs (hereinafter "other organizations");
- 2) conduct Strategic Research in response to requests from other organizations; and provide information and recommendations on the formulation of strategies for

sustainable development to those bodies as required;

- 3) convene international conferences and seminars and conduct other capacity building activities (this includes co-sponsorship with other organizations);
- 4) participate in conferences where various policies and decisions are determined and offer proposals based on the results of its Strategic Research;
- 5) invite researchers from other research and academic institutions others to participate in research, and provide training courses in areas related to the creation of strategies;
- 6) collect, arrange, and provide information related to sustainable development; and
- 7) carry out any further necessary activities to achieve the objectives of the Institute.

(Working languages)

Article 5

Working languages of the Institute shall be English and Japanese.

Chapter 2 Assets and Accounting

(Composition of assets)

Article 6

1. The assets of the Institute shall be comprised of the following:
 - 1) assets recorded in the List of Property as of the establishment of the Institute;
 - 2) assets received as donations from corporations or individuals after establishment;
 - 3) voluntary contributions from governmental agencies, local governments of Japan and other interested countries;
 - 4) grants from private foundations and others;
 - 5) income generated from existing assets;
 - 6) income from fees paid by affiliates;
 - 7) income from regular activities; and
 - 8) any other income.

(Classification of assets)

Article 7

1. The assets of the Institute shall consist of the

Principal Fund and the Operating Resources.

2. The Institute's Principal Fund shall be composed of the following:
 - 1) assets listed in the Principal Fund category in the List of Property as of establishment;
 - 2) assets donated specifically to the Principal Fund; and
 - 3) assets that are transferred to the Principal Fund by resolution of the Board of Directors.
3. The Operating Resources shall be those other than the Principal Fund.

(Administration of the assets)

Article 8

1. The assets of the Institute shall be administered by the Chair of the Board of Directors using methods decided by the Chair upon resolution of the Board of Directors.
2. Cash contained in the Principal Fund and the Strategic Research Fund must be preserved using safe and reliable methods that include establishing postal time-deposit accounts or bank time-deposit accounts; entrusting the funds with a trust bank; or purchasing government or corporate bonds.

(Restrictions on the disposal of the Principal Fund)

Article 9

The Principal Fund may not be disposed of or used as collateral. However, in the case where there are unavoidable circumstances when carrying out the activities of the Institute, a portion of the Principal Fund may be disposed of, or all or a portion of the Principal Fund may be used as collateral upon resolution of two-thirds or more of the current number of members of the Board of Directors, with the approval of the Board of Trustees and the approval of the Minister of the Environment

(Strategic Research Fund)

Article 10

1. The Strategic Research Fund shall be set up to ensure that operations are carried out smoothly. The Strategic Research Fund shall be composed of the following categories of assets:
 - 1) donated assets designated as assets for the Strategic Research Fund; and
 - 2) assets that are transferred to the Strategic Research Fund by resolution of the Board of Directors.
2. The Strategic Research Fund may not be disposed of or used as collateral. However, in the case where there are unavoidable circumstances when carrying out the activities of the Institute, upon resolution of two-thirds or more of the current

number of members of the Board of Directors and with the approval of the Board of Trustees a portion of the Strategic Research Fund may be disposed of or, all or a portion of the Strategic Research Fund may be used as collateral

(Payment of expenses)

Article 11

The expenses of the Institute shall be paid from the Operating Resources.

(Business plans and budget)

Article 12

The documents for the Institute's annual business plans and the annual budget necessary for such business plans shall be prepared by the Chair of the Board of Directors. Prior to the start of each fiscal year, these documents must be submitted to the Minister of the Environment and upon resolution of more than one-half of the current number of the members of the Board of Directors after receiving the comments by the Board of Trustees. Any revisions to these documents must also follow the same process.

(Provisional budget)

Article 13

1. Notwithstanding the provisions of the preceding article, when the budget for income and expenditures is not formulated due to compelling reasons, the Chair of the Board of Directors may, upon resolution of the Board of Directors, exercise control over revenue and expenses in accordance with the budget of the previous fiscal year until a new budget is formulated.
2. The budget for revenue and expenses referred to in the preceding clause shall become the revenue and expenditures for the newly formulated budget.

(Business reports and settlement of revenue and expenses)

Article 14

1. The Institute's business reports and settlement statements shall be prepared by the Chair of the Board of Directors at the end of each fiscal year and shall include the Business Report, Statements of Revenue and Expenses, Report on Changes in Net Assets, Balance Sheets, and the List of Property. After receiving the auditor's inspection and upon resolution of more than one-half of the current number of the members of the Board of Directors, these documents must be reported to the Board of Trustees and they, within three months after the close of the fiscal year, must be

submitted to the Minister of the Environment . In this case, if any revisions were made to the amount of the total of assets, it should be registered within two weeks, and a certified copy of the registration should be attached to these documents.

2. When there are surplus funds in the Institute's revenue and expenses settlement, upon resolution of the Board of Directors all or a portion of this surplus shall be transferred into the Principal Fund or appropriated forward to the next fiscal year.

(Long-term borrowings)

Article 15

When the Institute seeks to borrow funds, upon resolution of two-thirds or more of the current number of members of the Board of Directors and with the approval of the Board of Trustees, authorization must be obtained from the Minister of the Environment , except for the payment of short-term borrowings with income from that fiscal year.

(Assumption of responsibilities and waiver of rights)

Article 16

In cases corresponding to the provision of Article 9 or provisions in previous articles and with the exception of those matters determined by the budget for revenue and expenses, notice must be served to the Minister of the Environment upon resolution of more than one-half of the current number of the members of the Board of Directors and with the approval of the Board of Trustees, when the Institute seeks to assume additional responsibilities or waive rights.

(Fiscal year)

Article 17

The Institute's fiscal year shall begin on April 1 of each year and end on March 31 of the following year.

Chapter 3 Officers

(Types and number of officers)

Article 18

1. he Institute shall have the following officers:
 - 1) Directors
The Institute shall have at least 15 and no more than 25 Directors.
 - 2) Auditors
There shall be two Auditors.

2. Among the Directors, one-half of the current number of Directors plus one shall be persons of Japanese nationality. In the case the current number is odd, the terms "the current number of Directors" shall signify "the current number minus one".
3. Among the Directors, there shall be one Chair of the Board of Directors.
4. Among the Directors, there shall be one or two Vice-Chair(s).
5. Among the Directors, there shall be one President.
6. Among the Directors, there may be one Vice-President.
7. Among the Directors, there shall be one Managing Director.

(Elections and other matters)

Article 19

1. The Directors and Auditors shall be elected by the Board of Trustees.
2. The Directors shall mutually elect the Chair of the Board of Directors, one or two Vice-Chair(s), the President, the Vice-President and the Managing Director.
3. The Directors, Auditors, and Trustees cannot simultaneously serve in another position.
4. The number of Directors that are relatives or have special mutual relations shall not exceed one-third of the total number of Directors.
5. The Auditors shall not be relatives or have special mutual relationships.
6. Any changes among the Directors shall be registered within two weeks and reported without delay to the Minister of the Environment together with a certified copy of the register.
7. Any changes among Auditors shall be reported without delay to the Minister of the Environment.

(Duties)

Article 20

1. The Chair of the Board of Directors shall represent the Institute and exercise general control over the business thereof.
2. The Vice-chair(s) shall assist the Chair of the Board of Directors and in the event that the Chair becomes incapacitated or is absent, a designated Vice-Chair shall execute the duties of the office of the Chair in accordance with the previously determined intentions of the Chair in an order determined by resolution of the Board of Directors.
3. The President shall direct the operation of Strategic Research, its related training and other matters of the Institute as stipulated in Article 42.

4. The Vice-President shall assist the President and execute the duties of the office of the President in the event that the President becomes incapacitated or is absent.
5. The Managing Director shall assist the Chair of the Board of Directors and the Vice-Chair(s) and shall, under the guidance of the Chair and the Vice-Chair(s), exercise control over and dispose of the ordinary business of the Institute which is not within the duties of the office of the President.
6. The Directors shall comprise the Board of Directors, and they must resolve matters related to the business of the Institute in accordance with the provisions under these Articles of Association.

(Duties of the Auditors)

Article 21

The Auditors shall:

- 1) audit assets and accounting;
- 2) audit the execution of business activities by the Directors;
- 3) report irregularities found through the auditing of assets, accounting, and the execution of business activities to the Board of Directors and the Board of Trustees, or the Minister of the Environment ; and
- 4) when it is necessary to report on matters in the preceding item, request a convening of or convene the meetings of the Board of Directors and the Board of Trustees.

(Terms of office)

Article 22

1. The terms of office for the Officers shall be three years. However, officers shall not be prevented from being reelected to a second term.
2. The terms of office for Officers who are elected as replacements or elected as additional Officers shall be the time remaining in the term of any predecessor or the same as the terms of the present Officers.
3. Even after resigning or following the expiration of a term of office, Officers must carry out the duties of their position until a successor takes office.

(Dismissal)

Article 23

When one of the following matters applies to an Officer, the Officer may be dismissed by resolutions of at least two-thirds majorities of both the Board of Directors or the Board of Trustees, based on the current number of Directors or Trustees. In the case of such dismissal, an opportunity must be given to

the officer for exculpation prior to a vote on a resolution of the Board of Directors and the Board of Trustees.

- 1) When it is recognized that the Officer is unable to execute the duties of the position because of psychological or physical problems
- 2) When it is recognized that the officer has violated an obligation of the duties of the position or if the Officer carries out any activity that is inappropriate for an Officer

(Remuneration and others)

Article 24

1. Officers shall not be remunerated. However, full-time officers may be remunerated.
2. Officers may be reimbursed for expenses.
3. The Chair may decide on reimbursement for necessary matters related to the preceding two clauses upon resolution of the Board of Directors.

Chapter 4 The Board of Directors

(Composition)

Article 25

The Board of Directors shall consist of Directors.

(Authority)

Article 26

In addition to matters separately determined by the provisions under these Articles of Association, the Board of Directors shall decide on and execute all matters of importance related to the business activities of the Institute.

(Types and convening of the meetings of the Board of Directors)

Article 27

1. There shall be two types of meetings of the Board of Directors: the ordinary meeting of the Board of Directors and the extraordinary meeting of the Board of Directors.
2. The ordinary meeting of the Board of Directors shall convene twice each year.
3. The extraordinary meeting of the Board of Directors shall convene in any of the following cases:
 - 1) when the Chair of the Board of Directors recognizes that such a convening is necessary;
 - 2) when there is a request to convene by one-third or more of the current number of members, with a request stating in writing the

purpose of the convening of the Board of Directors; and

- 3) when there is a request to convene by an Auditor, as stipulated in item 4 of Article 21.

(Calling of Meetings)

Article 28

1. The Chair of the Board of Directors shall call meetings of the Board of Directors.
2. The Chair of the Board of Directors must call the extraordinary meetings of the Board of Directors within 20 days in the case of items 2 and 3 of clause 3 in the preceding Article.
3. When calling of the ordinary meeting of the Board of Directors, notification in writing that states the time and date, place, purpose, and articles for deliberation must be made at least 30 days prior to the convening of the meeting. However, this shall not apply when all Directors agree to convene the meeting.

(Chair of meeting)

Article 29

The Chair of the Board of Directors shall also serve as meeting chair.

(Quorum)

Article 30

Meetings of the Board of Directors may not be convened unless more than a half of the current number of Directors are in attendance.

(Resolutions)

Article 31

Except as otherwise provided for by the provisions in these Articles of Association, the resolutions of the meeting of the Board of Directors shall be decided upon by a majority vote of the Directors. In the case of an equal number votes for approval and disapproval, the matter shall be decided by the Chair of the meeting.

(Voting in writing and others)

Article 32

1. Any Director unable to attend the meeting due to unavoidable circumstances may vote in writing on the matters on which notification has been made beforehand, or another Director may be commissioned to vote as a proxy for the absent Director.
2. With regard to the application of provisions in the preceding two articles in the case where a

Director is unable to attend as stipulated in the preceding clause, the Director shall nevertheless be regarded as having attended the meeting.

(Minutes)

Article 33

1. The minutes of the meetings of the Board of Directors shall be prepared and must contain the following matters:
 - 1) The date, time, and place of meeting
 - 2) The current number of Directors, the names and number of Directors in attendance. (Persons voting in writing and commissioned to vote by proxy shall be noted in the minutes.)
 - 3) Matters deliberated and matters voted on
 - 4) A summary and the results of the proceedings
 - 5) Matters relating to the election of signatories to the minutes
2. The Chair of the meeting and two or more persons elected to sign the minutes of the meeting must sign and affix their seals to the minutes.

Chapter 5 Trustees and the Board of Trustees

(Trustees)

Article 34

1. The Institute shall have at least 25 and no more than 35 Trustees.
2. Trustees shall be elected by the Board of Directors, and shall be commissioned by the Chair of the Board of Directors.
3. The Trustees shall be the persons commissioned by national administrative organizations and international organizations that have signed the Charter or persons of knowledge and experience.
4. The provisions in Articles 22,23, and 24 shall be applied mutatis mutandis to the Trustees. In this case, the term "officer" used in these articles shall read as "Trustee."

(Board of Trustees)

Article 35

The Board of Trustees shall be composed of Trustees.

(Authority of the Board of Trustees)

Article 36

The Board of Trustees shall carry out the duties stipulated in these Articles of Association, deliberate and provide advice to the Chair of the Board of Directors on matters related to the business of the

Institute, in response to requests from the Chair of the Board of Directors or when the Board of Trustees recognizes that such deliberation and advice are needed.

(Calling of Meeting)

Article 37

1. Meeting of the Board of Trustees shall be called by the Chair of the Board of Directors.
2. The Chair of the Board of Directors must convene the Board of Trustees within 20 days, when there is a written request stating the purpose to convene by one-third or more of the current number of Trustee members.

(Election of the Chair)

Article 38

The Chair of the meeting of the Board of Trustees shall be mutually elected by the Trustees.

(Quorum, resolutions and voting in writing and others)

Article 39

The provisions in Articles 30 to 33 shall be applicable mutatis mutandis to the Trustees. In this case, the terms "Board of Directors" and "Directors" used in the mentioned articles shall read as "Board of Trustees" and "Trustees".

(Other)

Article 40

In addition to the provisions in this article, the Board of Directors shall determine necessary matters related to the operation of the Board of Trustees.

Chapter 6 Honorary Advisors and Counselors

(Honorary Advisors and Counselors)

Article 41

1. The Institute may have Honorary Advisors and Counselors.
2. Honorary Advisors and Counselors shall be appointed by the Chair of the Board of Directors upon the recommendation of the Board of Directors.
3. The Honorary Advisors shall respond to inquiries from the Chair of the Board of Directors regarding basic matters and may provide advice to the President.
4. The Counselors shall respond to inquiries from

the Chair of the Board of Directors regarding important business matters and may provide advice to the President.

5. The terms of office for both the Honorary Advisors and the Counselors shall be three years. However, the Honorary Advisors and the Counselors are not prevented from being reappointed.

Chapter 7 Research Structure

(Duties of the President)

Article 42

The president shall execute the following duties based on resolutions made by the Board of Directors:

- 1) decide on Strategic Research plans and manage their implementation;
- 2) prepare annual reports on Strategic Research and its related training and report to the members of both the Board of Directors and the Board of Trustees;
- 3) appoint and dismiss research fellows and other related staff;
- 4) decide on necessary matters related to Strategic Research and its related training;
- 5) direct the operation of Strategic Research and its related training.

(Research Advisory Committee)

Article 43

1. The Institute shall have a Research Advisory Committee which is an advisory body for promotion of Strategic Research.
2. The Research Advisory Committee provides the President with advice on matters related to promotion of Strategic Research, such as decisions on Strategic Research plans and management of their implementation.
3. The Members of the Research Advisory Committee shall be appointed by the Chair of the Board of Directors in consultation with the President.
4. The Members of the Research Advisory Committee shall be the persons commissioned by research and academic institutions that have signed the Charter or persons of knowledge and experience.
5. The terms of office for the Members of the Research Advisory Committee shall be three years. However, the Members are not prevented from being reappointed.
6. The terms of office for the Members of the Research Advisory Committee who are elected as replacements or elected as additional Members shall be the time remaining in the term of any

predecessor or the same as the terms of the present Members.

7. In addition to matters stipulated in the preceding clauses, necessary matters related to the Research Advisory Committee shall be decided by the Chair of the Board of Directors subject to resolution of the Board of Directors.

(Research fellows and other related staff)

Article 44

1. The Institute shall have senior research fellows, research fellows, research associates and visiting research fellows.
2. Visiting research fellows shall belong to other organizations and engage in the Strategic Research.
3. The senior research fellows, research fellows, research associates and visiting research fellows shall be appointed and dismissed by the President.
4. Necessary matters related to senior research fellows and others shall be decided by the President subject to resolution of the Board of Directors.

(Trainees)

Article 45

1. In addition to those persons belonging to the Institute, the Institute may have other persons participate in the Strategic Research as trainees.
2. Necessary decisions regarding trainees shall be made by the President subject to resolution of the Board of Directors.

Chapter 8 Secretariat

(Establishment)

Article 46

1. A Secretariat shall be installed to carry out the business of the Institute.
2. The Secretariat shall have a Secretary-General and necessary staff.
3. The Secretary-General and staff shall be appointed and dismissed by the Chair of the Board of Directors. Upon appointment or dismissal of staff involved in research activities, however, the Secretary General shall consult the President.
4. The Chair of the Board of Directors shall decide on matters necessary for the Institute and operation of the Secretariat subject to resolution of the Board of Directors.

(Books and documents to be furnished)

Article 47

The office of the Secretariat must always keep the following records and documents:

- 1) the Articles of Association for the Institute;
- 2) a list and the resumes of Directors, Auditors, Trustees, Members of Research Advisory Committee, Research Fellows, Research Associates and other staff;
- 3) documents on permission, authorization, and registration;
- 4) documents on the proceedings of the Institute set forth in the Articles of Association;
- 5) records and documentary evidence for revenue and expenses;
- 6) documents indicating the status of the assets and liabilities and the situation regarding net assets; and
- 7) other necessary documents and records.

Chapter 9 Affiliates

(Affiliates)

Article 48

1. Individual persons and corporations who endorse the objectives and activities of the Institute may become affiliates of the Institute according to the rules determined by the Chair of the Board of Directors upon resolution by the Board of Directors.
2. The affiliates can participate in the business activities of the Institute and obtain information on results of Strategic Research and related matters.
3. The affiliates shall pay the prescribed fees according to the rules stipulated in clause 1 of this Article.

Chapter 10 Amendments to the Articles of Association and Dissolution of the Institute

(Amendments to the Articles of Association)

Article 49

These Articles of Association may be amended only with the approval of the Minister of the Environment after approval by three-fourths or more of the current number of members of the Board of Directors and three-fourths or more of the current number of members of the Board of Trustees.

(Dissolution)

Article 50

The Institute may be dissolved only in accordance with the provisions set forth in items 2 through 4 of clause 1 under Article 68 of the Japanese Civil Law and with the approval of the Minister of the Environment after resolution of three-fourths or more of the current number of members of the Board of Directors and three-fourths or more of the current number of members of the Board of Trustees.

(Disposition of residual assets)

Article 51

The residual assets at the time of the dissolution of the Institute shall be donated to institutions that operate with similar objectives or returned to the party which donated the concerned assets to the Institute, subject to the approval of the Minister of the Environment after the resolution of three-fourths or more of the current number of members of the Board of Directors and three-fourths or more of the current number of members of the Board of Trustees.

Chapter 11 Supplementary Provisions

(Commission)

Article 52

In addition to matters stipulated in these Articles of Association, necessary matters relating to the operations of the Institute shall be decided separately by the Chair subject to resolution of the Board of Directors.

Additional provisions

1. These Articles of Association become effective on March 31, 1998.
2. Clause 2 of Article 18 shall become effective on and after March 31, 1999.
3. The President of the Institute shall serve as the Chair of the Board of Directors, until the first meeting of the Board of Directors of the Institution, which is to be held after March 31, 1998.
4. Notwithstanding the provisions set forth in clause 7 of Article 18, the position of Managing Director may be vacant until an appropriate date.
5. Regardless of the provisions set forth in clause 5 of Article 43, terms of the Research Advisors selected by the Chair of the Board of Directors shall end on March 31, 1999. This is also in accordance with clause 3 of the same Article.



What's New from IGES

Institute for Global Environmental Strategies
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At the Start of the New Year

Akio Morishima, Chair of the Board of Directors, IGES

We are at the beginning of the twenty-first century at last. Last year, the year 2000, was the millenium year, but there has been a dispute over whether it belonged to the twenty-first century. But this year is genuinely the first year of the twenty-first century.

People talk of the twenty-first century as "the century of the environment". In the twentieth century there was global-scale advancement of technology, and environmental loads produced by mass production, mass consumption and mass disposal of waste, especially in the industrialized countries, are about to exceed the natural purifying abilities of the earth. If the environmental loads continue to increase in the twenty-first century, it is anticipated that the earth's environment including air, water, and biological beings, will deteriorate so badly that they will endanger human beings. What is meant by "the century of the environment" is that unless the mankind begins to fight the deterioration of the environment using all the knowledge that it possesses, the twenty-second century will never come. In this sense, maybe I should not be simply saying "Happy New Year!" to begin with, but since we are at the start of the new year and the beginning of a new century, I wish you all the best all the same.

Owing to support from friends, IGES will be finishing the First Phase (FY1997-2000) of its strategic research at the end of March 2001, and will begin the Second Phase (FY2001-2003) in April. Projects on Climate Policy (previously called Climate Change in the First Phase), *Urban Environmental Management*, *Forest Conservation*, and *Environmental Education* will continue their research activities into the next phase with some renewals, based on the achievements from the First Phase. The projects of *New Development Patterns* and *Environmental Governance* of the First Phase have been dissolved to form a new project that deals with cross-cutting issues called *Long-Term Perspective and Policy Integration Research*. In addition, project researches will be conducted on new themes of *Business and Environment* and *Information Technology Revolution and Environment*. Following last year's opening

of the Kitakyushu Office, the Kansai Research Center opened in Kobe this year with overall support from the prefectural government of Hyogo. The research of the new *Environmental Industry Project* will be conducted at this center.

As for researchers who will be engaged in project research, most researchers from the First Phase will continue their research in the Second Phase based on their performance reviews, along with some ten new researchers. In addition, IGES is thinking of establishing projects other than the ones mentioned above (e.g. *Freshwater Resources Management*). The projects on new themes including the project themes recruited openly, may not be launched in time of the start of the new phase in April, but they will hopefully be established before the end of this fiscal year, or the next fiscal year.

As for the Project Research in the First Phase, the report of each project will be completed before the end of March 2001. The achievement will be publicized as well as reviewed from outside the institute by the members of the Research Advisory Committee.

The role of IGES is increasing in importance as we enter "the century of the environment". In the first three years after its establishment, IGES was able to achieve results that exceeded its expectations. IGES owes this to great support and cooperation from other organizations outside Japan, as well as those inside, and is beginning to be internationally recognized. On behalf of all my colleagues at IGES, I would like to promise that we will do our best in continuing our research toward the sustainable development of the global environment, and express our warmest thanks to your cooperation and support.

Presenting Research Results at ECO ASIA 2000 and ESCAP/MCED 2000

Putting Forward Policy Recommendations and Hosting the IGES Seminar

The 9th Environment Congress for Asia and the Pacific (ECO ASIA 2000), hosted by Environment Agency of Japan, and the Ministerial Conference on Environment and Development in Asia and the Pacific (ESCAP/MCED 2000), hosted by United Nations Economic and Social Commission for Asia and the Pacific, were held from 31 August to 5 September 2000 in Kitakyushu Japan.

These conferences were two of the most important meetings held to discuss regional actions for realizing sustainable development in Asia and the Pacific and to prepare for the World Summit on Sustainable Development (Rio+10) which is scheduled for the year 2002 in the Republic of South Africa. At the conferences, over 200 participants, including Environment Ministers from each country and region discussed the issues actively.

Among the major outcomes of the conferences, ESCAP/MCED adopted 1) Ministerial Declaration on Environment and Development in Asia and the Pacific, 2) Regional Action Programme for Environmentally Sound and Sustainable Development 2001-2005, 3) Vision for the 21st Century: the Regional Message for the 10-Year Review of UNCED, and 4)



Kitakyushu Initiative for a Clean Environment. *The Kitakyushu Office and the Urban Environmental Management Project of IGES were assigned key roles to help materialize the Kitakyushu Initiative in the future.

IGES identified these conferences as a good opportunity to put forward policy recommendations based on strategic research outcomes and submitted a policy recommendation document "Policy implications in addressing critical environment and sustainable development issues of the region" and a background information paper entitled "Specific issues on sustainable development in Asia and the Pacific" to the Preparatory Meeting of Senior Officials of ESCAP/MCED (31 August - 2 September). Mr. Kazuo Matsushita (Acting Vice-president of IGES) made a keynote speech, introducing the points of IGES recommendations to ministerial level participants of ECO ASIA (3 September). The policy recommendations brought by IGES were widely welcomed and active discussion revolved around them through the series of conferences. The outcome of the discussion was reflected in the Chair's Summary of ECO ASIA and other documents adopted by ESCAP/MCED.

Besides the main conference, IGES also introduced its strategic research activities and disseminated its research outcomes to multiple stakeholders by putting up posters and hosting a seminar.

* Outline of Kitakyushu Initiative for a Clean Environment

In studying the experiences in urban environmental management and the actual state of international cooperation in Asian countries, the Urban Environment Project (UE) collected and submitted a report to the 4th Ministerial Conference on Environment and Development in Asia and the Pacific, organized by the United Nations Economic and Social Commission for Asia and the Pacific (UN/ESCAP). The report proclaimed to strengthen local initiatives to improve urban environmental management in countries throughout the Asia-Pacific region, and outlined the necessity of environmental cooperation on an international scale. It is this the Kitakyushu Initiative for a Clean Environment (hereafter referred to as the "Kitakyushu Initiative") that was adopted at the conference, based on that report.

In considering Kitakyushu's rich experience in the field of environmental measures, the Kitakyushu Initiative aims to strengthen actions at the local level to improve the environment in urban areas in Asia and the Pacific, and promote cooperation among cities. Concrete work issues for promotion of the Kitakyushu Initiative are the identification of quantitative indicators to assess urban environmental improvement, the implementation of pilot programs for improvements in urban environment, and the establishment of the Kitakyushu Initiative Network.

Though the Kitakyushu Initiative was endorsed and is being promoted among the national governments of the member and associate member states of ESCAP, the concrete work issues as the identification of quantitative indicators, planning and implementation of pilot programs, survey and analysis of best practices, and establishment of the network will be handled by IGES

Points of IGES Policy Recommendations (Excerpt)

- Path to the build resource recycling-oriented society
 - Enhancement of environmental awareness
 - Enhancement of environmental partnership in the region
 - Promotion of environmentally friendly investment and technology transfer
 - Implementation of policy linkage
- Comprehensive approach to environment, poverty, and population issues
- Strategic investment considering the environment taking advantage of recovering process from Asian economic crisis

ECO ASIA

Environment Congress for Asia and the Pacific Established in 1999 as a forum for high-level government officials and representatives from international organizations to discuss environmental policy in Asia and the Pacific region. Held annually (except 1992).

ESCAP/MCED

United Nations Economic and Social Commission for Asia and the Pacific / Ministerial Conference on Environment and Development: United Nations regional conference to review the state of the environment and settle regional action programs to tackle environment and development issues in Asia and the Pacific. The first meeting was held in 1985 and has been held every half-decade since then.

The Sixth Conference of the Parties of the United Nations Framework Convention on Climate Change

The Sixth Conference of the Parties of the United Nations Framework Convention on Climate Change (COP6) was held between November 13-25, 2000 in the Hague, the Netherlands.

The most significant objective of COP6 was to decide on rules in making the Kyoto Protocol fully operational. In spite of vigorous negotiations by ministers under the leadership of Mr. Pronk, the President of the climate change talks, a final agreement could not be reached. IGES, however, was able to carry out activities to promote the negotiations, such as by holding a seminar at the venue.



IGES Special Event at COP6

Ever since the Buenos Aires Conference of the Parties of the United Nations Framework Convention on Climate Change (COP4), IGES has been presenting its research outputs at all COP sessions under UNFCCC in the form of "Special Events". At COP 6 in the Hague, IGES, led by the Climate Change Project, held a seminar entitled "Cooperation and Competition for Implementation of the Kyoto Regime", which drew about 100 participants.

Dr. Naoki Matsuo, Senior Research Fellow of IGES, began the seminar with a keynote presentation on the comprehensive aspects for future development of the Kyoto regime from short-term (rule design of the Kyoto Protocol and domestic policies and measures design) to long-term perspectives with a scale of hundreds of years, and from internationally cooperative relations to competitive character of the Kyoto mechanisms. The elements of the

presentation were: possible key decisions at COP 6; domestic policies and measures portfolios with good practices; channels to promote cooperation between South and North; concrete questions left for CDM and its aspect of new opportunities and concerns in the emissions market; Post-1st Commitment period issues; and a key message by IPCC Special Report on Emission Scenarios from very long-term perspective.

This keynote was followed by a round table discussion, chaired by Prof. Akio Morishima, the chair of the board of directors of IGES, which invited distinguished experts around the world. Prof. Stephen Schneider of Stanford University, one of the most famous scientists in the field of climate change (IPCC WG I and II), spoke on climate change issue from broad and long-term perspectives. Dr. Bert de Vries from the RIVM of the Netherlands supported his argument based on his modeling outputs (IPCC WG III). Prof. Michael Grubb of Imperial College of London and Royal Institute of

International Affairs expressed his original points on the implementation of the Protocol and its long-term implications (WG III). Dr. Zhou Dadi, Director General of Energy Research Institute, China, analyzed the climate issue from the point of view of energy and developing countries (WG III). Dr. Michael Walsh, an environmental broker in Chicago, dealt with the issue based on market aspects and discussed the newly emerging emissions market with a proposal to remove barriers associated with it. Finally, Dr. RaeKwon Chung, the chief negotiator of Korean Delegation, requested researchers about further policy-relevant study area from the perspective of Korea that is an OECD member but not an Annex I Party.

In spite of a wide range of discussions by IPCC scientists, market experts and negotiators, the discussion had clear and qualified messages for the effective mitigation to climate change by designing rules and/or choosing options to maximize "co-benefits".

Policy Dialogue Workshops

From June to September last year, the Forest Conservation Project held Policy Dialogue Workshops about investigations targeted at three countries for the purpose of devising policy proposals in forest conservation. These workshops invited government officials, researchers, and representatives from NGOs from the targeted countries. Through "bottom up" processes, discussions were aimed at drafting the elements for forest conservation that IGES had presented, and policy recommendations for sustainable forest management. In each workshop, discussions based on the real situation of each region were held, and meaningful results about the practical schemes for policy proposals were obtained. In addition, the co-organizers of the series of workshops agreed to continue the collaboration in the second phase.

1) Workshop in Jakarta

Date: June 27 & 28, 2000

Location: Indonesian Institute of Sciences (Jakarta, Republic of Indonesia)

Organizers: IGES and Indonesian Institute of Sciences

Participants: participants connected with forestry departments in Indonesia and the Philippines, representatives from local NGOs, and others related to JICA (about forty participants).

Summary of discussions: Comments based on the real situation of Indonesia and the Philippines, regarding the draft of elements for forest conservation strategies that IGES presented, were gathered. In particular, the primary causes for the destruction of forests in the regions concerned, and suggestions and opinions for the revision of the Policy Recommendations for Participatory Forest Management were raised, so that it was possible to reexamine the draft for forest conservation strategies.

2) Workshop in Vientiane

Date: August 2 & 3, 2000

Location: National University of Laos (Vientiane, The Lao People's Democratic Republic)

Organizers: IGES and the National University of Laos

Participants: participants connected with departments of agriculture and forestry in the governments, universities and NGOs in Lao PDR and Vietnam, and the forestry sector in Cambodia (about 40 participants)

Summary of discussions: Comments based on the real situation of Laos and Vientiane, regarding the draft of elements for forest conservation strategies that was presented by IGES, were gathered. In particular, opinions and suggestions for revision of each country's strategies for participatory forest management in the relevant regions were raised, and the draft of forest conservation strategies was reexamined.

3) Workshop in Khabarovsk

Date: September 19-21, 2000

Location: Economic Research Institute, Russian Academy of Sciences, Far Eastern Division (Khabarovsk, Russian Republic)

Sponsors: Khabarovskiy krai Administration, the Economic Researches Institute, the Far Eastern Representative of World Wildlife Fund, IGES, the Forest Tendencies (USA), the Far Eastern Forestry Research Institute, Friends of the Earth Japan, Ecodal (local environmental NGO)

Participants: participants connected with the forestry sector in the state of Khabarkovsk, and participants from groups (Japan, China, US) who are developing forest conservation research and activities in the Russian Far East (about 70 participants)

Summary of discussions: Comments based on the real situation of the Russian Far East, regarding the draft of elements for forest conservation strategies that was submitted by IGES, were obtained. In particular, instructive suggestions regarding the main structural causes of the destruction of forests were collected, and it was decided that they will continue to reexamine the draft for forest conservation strategies in the relevant regions.

Acid Rain 2000

Acid Rain 2000 (Sixth International Workshop on Acid Rain) was held from December 10 to 16, 2000 in Tsukuba. This workshop is being held every five years since 1975, and has had significant influence on formulating the treaty at the Convention on Long-Range Transboundary Air pollution of 1979. Although the past five workshops were all held in the US or Europe, the workshop in Tsukuba was the first workshop held in Asia. It was due to the fact pointed out by the organizers that the region may be seriously affected by acid rain in the future.

Researchers from all over the world, including Japan, Korea, China, and Thailand as well as the US and countries in Europe attended the workshop. Discussions were held on a wide range of topics ranging from cause, effect, transport, and expansion mechanisms of acid rain; effects on bio-ecology and preventive measures; environmental education; to reports of regional studies. The IGES Environmental Governance Project made a presentation entitled "The Politics of Regional Cooperation on Acid Rain Control in East Asia".



What's New from IGES [Jan. 2001]

Dissemination of Open Forum Results to the World

IGES publicized the outcome of discussions at the IGES Open Forums to Address Global Warming.

At COP conferences, national governments and research institutes are given booths where they can publicize policies of their countries along with their results. IGES too distributed an 18-page booklet containing discussions from IGES Open Forums, with the purpose of informing to the world that mitigation measures for global warming are steadily being developed by public discussions in Japan. All 1,000 copies that were brought to the venue were snapped up in an instant. In addition, at the time of COP6, a conference of Global Legislators Organization for a Balanced Environment (GLOBE) was hosted by the Dutch parliament, where Dr. Shuzo Nishioka, the project leader of IGES Climate Change Project, was invited as a speaker. Referring to the results of IGES Open Forums, Dr. Nishioka lead lively discussions by explaining the current conditions of environmental tax, emissions trading, and technology development in Japan.

IGES hosted a total of seven Open Forums to Address Global Warming in Tokyo between January and July of 2000. The purpose of this open public forum was to encourage public discussions on how to structure domestic policies to comply with the emission reduction targets set in the Kyoto Protocol. Fourteen speakers representing the industry, academic circles, NGOs, and think-tanks made suggestions covering almost all areas of discussion including carbon tax, domestic emission trading, measures taken voluntarily, and promotion of technological development. Each presentation was followed by a lively half-day discussion by panelists and participants. (Please refer to the March 2000 issue of this Newsletter) Owing to these forums, common recognition or differences in opinions about each policy were grasped, which led to comparative analysis of the effectiveness of suggestions, methods for realization, and problems. Two reports of the results were submitted to a committee in the Central Environment Council, and are being applied in the policy making process of the government of Japan.

A booklet containing summaries of the discussions entitled "Global Warming Debate in Japan" is currently being distributed in English and Japanese.



Please refer to IGES web site: <http://www.iges.or.jp> for details.

The 2nd Policy Dialogue between Japan and Germany for Facilitating Coordinated Measures to Address Global Warming: International Climate Policy & the IT-Sector

On November 13 and 14, 2000, IGES and Wuppertal Institute for Climate, Environment and Energy, one of the signatory institutes of IGES, co-organized a workshop "The 2nd Policy Dialogue between Japan and Germany for Facilitating Coordinated Measures to Address Global Warming: International Climate Policy & the IT-Sector" in Wuppertal, Germany.

This workshop had two objectives. One was to offer industry representatives, researchers, and government officials an opportunity to exchange information and ideas on technologies and policies that have become increasingly important today in the digital era in terms of the impact on the environment. Another was to provide a forum for industry and government representatives to facilitate a constructive dialogue on a policy framework that can support the industry's efforts for the global warming.

The participants numbered about 30 in total, including Prof. Morishima, Chair of Board of Directors of IGES, Dr. Henricke, Acting President of Wuppertal Institute, as well as industry representatives from NTT, NEC Corporation, Fujitsu Limited, Sony Corporation, Matsushita Electric Industrial Co., Ltd., Siemens AG, IBM Informationssysteme Deutschland, and ICL Belgium. The focus of the workshop was on such themes as green house gas emission trends caused by use of the Internet, energy efficiency of IT products, eco-labeling of IT products, and green procurement schemes of IT products.

The results of the discussions were reported at the COP6 side event organized by IGES and the Wuppertal Institute on November 23.



Workshop on Evaluation of Environmental Education Activities

On December 18, 2000, IGES organized the Workshop on Evaluation of Environmental Education Activities which was held at Shibuya Mark City in Shibuya, Tokyo. About 20 experts involved in evaluation activities in the fields of: Environmental Education, Psychology, outdoor education, school education, extra-curricular activities by NGOs, project management, and education development attended.

Surveys and research findings of the IGES Environmental Education Project in the first phase, as well as current evaluation activities in various educational fields were examined, and discussions were held for the purpose of summarizing new themes. During reports and discussions, the emphasis was on evaluation of project management and evaluation of learning by "learners", in particular.

This workshop contributed to the exchange of information about evaluation of activities of environmental education, and many useful hints for examining themes to improve these activities were gained. If the exchange of opinions from different fields and regions is continued for the



improvement of these activities, it is expected to contribute to the quantitative development and qualitative improvement of environmental education.

[Outline of the program]

- Project Report
 - Presentation by Mr. Ko Nomura, IGES
- Evaluation of Project Management
 - Presentation by Ms. Yuriko Minamoto, Consultant of International Development
- Evaluation of their Learning
 - Presentations followed by discussions:
 - "For the Promotion of Global Attitude and local Action, the view from Psychology" by Prof. Yukio Hirose, Nagoya University
 - "Evaluation of Environmental Education Activities in Schools and Communities" by Prof. Tomohide Banai, Saitama University
 - "Evaluation of Environmental Education" by Ms. Naoko Kakuta, ERIC
 - "Evaluation of Environmental Literacy in Outdoor Education" by Prof. Taito Okamura, Nara University of Education
- Wrap-up Discussion
 - Chairperson: Prof. Osamu Abe, Saitama University, IGES

Open Symposium "Asian Environment and Development in 21st Century"

On September 21 2000, IGES co-hosted the open symposium "Asian Environment and Development in 21st century" in collaboration with the Asian Development Bank (ADB) at the Plaza Hall of Kasumigaseki Building in Tokyo.

The symposium aimed at discussing solutions to cope with environmental problems in the Asian region, which is experiencing rapid economic and population growth and will affect environmental problems on a regional as well as global level. Participants representing various points of view, ranging from Japanese Diet members to researchers and NGO representatives, joined the discussion which was based on the Asian Environmental Outlook drafted by ADB and the results of ECO ASIA and the ESCAP/MCED.

The results of the discussion recognized the following points as significant tasks for the future, in dealing with environmental issues in Asia.

- 1) To enhance transparency and open information in the decision process of funding projects,
- 2) To promote capacity building of local governments in order to meet their expanding roles,
- 3) To promote appropriate technology transfer for improving the environment, and to increase the roles of developed countries in bridging the gap between developed and developing countries,
- 4) To improve systems for enabling NGOs to play more active roles in policy making processes,



5) To take an integrated approach to development, poverty alleviation, finance, security, and environmental policy.

[Outline of the program]

- Keynote Speeches
 - Introduction of the Asian Environment Outlook/ Draft Environmental Policy
 - Mr. S. Tahir Qadri, Senior Environment Specialist, ADB
 - Summary of the Results of Eco-Asia and ESCAP
 - Mr. Kazuaki Hoshino, Senior Advisor to Director General, Global Environment Department, Environment Agency of Japan
 - A New Sustainable Development Trajectory for the Asian Region
 - Mr. Kazuo Matsushita, Acting Vice President, IGES
- Panel Discussions on the themes of:
 - What kind of role should each actor play for improving the environment in the Asian region?
 - and What kind of system is required for each actor to play its role?
 - Coordinator: Mr. Kazuo Matsushita, Acting Vice-President, IGES
 - Panelists: Ms. Wakako Hironaka, Parliamentarian, the House of Councilors
 - Mr. Tsutomu Takana, Professor, Chuo University
 - Mr. S. Tahir Qadri, Senior Environmental Specialist, ADB
 - Mr. Kazuaki Hoshino, Senior Advisor to Director General, Global Environment Department, Environment Agency of Japan
 - Dr. Tae Yong Jung, Research Fellow, IGES

News from IGES

IPCC Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories

The Subsidiary Body for Scientific and Technological Advice (SBSTA) of the United Nations Framework Convention on Climate Change (UNFCCC) requested the Intergovernmental Panel on Climate Change (IPCC) to compile a report entitled the IPCC Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories. This report was published by the Technical Support Unit (TSU) of the IPCC National Greenhouse Gas Inventories Programme (IPCC-NGGIP) hosted by IGES in Hayama.

The report provides improved and state-of-the-art understanding of how uncertainties may be managed in producing emissions estimates suitable for the purposes of the UNFCCC and for the scientific work associated with greenhouse gas inventories. Countries will benefit from the Good Practice Guidance and the Uncertainty Management shown in the report, which will enhance the credibility of national greenhouse gas inventories which are indispensable for the implementation of Kyoto Protocol.

The SBSTA endorsed good practice guidance as an elaboration of the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories and recommended its use in the preparation of national greenhouse gas inventories. It also concluded that good practice guidance should be applied by Annex I Parties of the Convention to the extent possible for inventories due in 2001 and 2002 and the use of it will become mandatory in 2003 and beyond. The use by countries with economies in transition included in Annex I may be phased in two years later than other Annex I parties. SBSTA also encouraged Non-Annex I Parties to apply good practice guidance as appropriate and to the extent possible, in the preparation of their greenhouse gas inventories. In addition, the Report was distributed to the UNFCCC Parties at its Sixth Session of the Conference of the Parties (COP6).

With a view to the wider dissemination of good practice guidance, the full text of the report is available on the internet and may be downloaded for free. An order form to obtain a hardcover copy of the Good Practice Report and CD-ROM which also contains the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, Greenhouse Gas Inventory Software and its Instruction Manual, is also available on the same website.

Please refer to TSU web site: <http://www.ipcc-nggip.iges.or.jp/gprreport.htm> for details.



Publication

Publication of *Environment in the 21st Century and New Development Patterns in English*

The English translation of *New Development Patterns and the Environment toward the 21st Century*, printed earlier in Japanese in November 1999, was published through Kluwer Academic Publishers of the Netherlands.

This volume will be of interest to those who are involved in innovative interdisciplinary policy studies on the environment and development, particularly in Asia and the Pacific region. It will also be useful to those who are interested in realizing sustainable development through agriculture, water supply, information technology, chemical industry and sustainability issues in China and India.

Title: *Environment in the 21st Century and New Development Patterns*
 Publisher: Kluwer Academic Publishers
 Date of Publication: December 2000
 Price: EUR 88.50 / USD 95.00 / GBP 60.00
 Size: A5 size with 303 pages
 To purchase, please go to the Internet site of Kluwer Academic Publishers via the IGES site: <http://www.iges.or.jp>



Publication of the IGES Japanese-language Book Series II

Business and the Environment in Japanese was published in November 2000 as the second volume of the IGES Japanese-language Book Series.

Title: *Business and the Environment* (edited by IGES)
 Publisher: Chuo Hoki Publishing Co. Ltd.
 Date of Publication: November 2000
 Price: JY 3,000 (tax not included)
 Size: A5 size with 302 pages
 Please refer to IGES web site: <http://www.iges.or.jp> for details.



2000 Top News on the Environment in Asia

In line with our activities, IGES has gathered top environmental news in Asia in cooperation with researchers and research institutes in Asia, and compiled it to publish a booklet every year since 1998. The 2000 Top News on Environment in Asia has just been compiled.

In addition to Cambodia, China, India, Indonesia, Japan, Korea, Malaysia, Mongolia, Nepal, Philippines, Singapore, Thailand and Viet Nam, which were in the last issue, reports from the United Nations Economic and Social Commission for Asia and the Pacific (UN/ESCAP), Russia Far East, Lao PDR, Bangladesh have been newly added.

Coverage from sixteen countries and two international institutes is incorporated into this booklet so that readers can grasp environmental trends and problems in the region through a broader view and fresh perspective.

See IGES web site: <http://www.iges.or.jp> for details.

We invite you to the IGES eLearning course!

IGES Capacity Building program that promotes eLearning (a system for learning, training and education through the Internet) is currently opening various on-line learning courses to the public. Why don't you give it a try!!

Students attending lectures can register whenever they like

With eCourse (IGES online study course), anyone can take the courses for free if they register from the homepage. Why not take a look at the eCourse list at <http://www.iges-japan.net> and try a course that takes your interest?

✦ You need to use a browser that is Internet Explorer 4.01 or a later version.

Lecture courses (language) (As of January 31, 2001)

- Leadership (Japanese and English)
- ISO14001 Implementation (English)
- Environmental Leadership (English)
- Presentation Skills (English)
- Conflict Resolution (English)
- Consensus Building (English)

We are currently adding courses in Japanese.

The motto is not just that you 'understand' but that you 'can do it'!

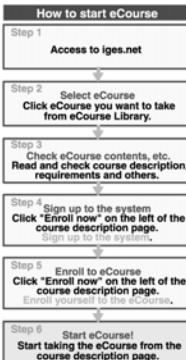
We do not simply transmit information, but with our motto 'by attending the lectures A and B you will be able to do X, Y, and Z' we are developing eCourses so that you can acquire practical skills.

Tell us your impressions and what you would like to see!

Tell us your impressions of the courses and what your needs are, for example 'I would like a course that covers this topic.'

We really appreciate your participation in the development of our courses in the future.

URL: <http://www.iges-japan.net> (Japan) <http://www.iges.net> (English)
 E-mail: info@iges-japan.net



Launch Issue of *International Review for Environmental Strategies (IRES)*

IGES has launched a new English journal International Review for Environmental Strategies (IRES) last August for the purpose of contributing to the world for sustainable development. This journal aims to provide information to develop new measures for environmental strategies and a place to publish research outcomes. This is biannually published in Summer and Winter.

IGES is calling for papers to be published in the Winter 2001 issue. (Deadline: May 31, 2001)

For detailed information of purchase and submission, please refer to IGES web site: <http://www.iges.or.jp/ires/ires.htm> (Instructions to authors).



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 Environmental Governance: 81-468-55-3850
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Looking Back on the Completion of the First Phase of IGES Project Research

Akio Morishima

The First Phase of IGES project research that began in April 1998 lasted for three years and was completed at the end of March this year. At the beginning, the five research projects of Climate Change, Urban Environmental Management, Forest Conservation, Environmental Education, and Environmental Governance were launched. However, from July 1998 the New Development Patterns Project began, leading to a total of six projects. In addition, the Capacity Building Program conducted research in collaboration with other international organizations, developing an on-line educational correspondence course and software that is called an e-Learning program. Although there were some changes to the number of researchers who were in charge of these IGES activities in the three-year-period, the number of researchers totaled to 49 and the members of the Secretariat amount to 33, including 17 part-time workers. Of the total, 19 were non-Japanese.

Regarding the research achievements of the six projects, each of the projects submitted a report at the time of completion of the research period. After being reviewed by a research advisory committee within IGES and specialists outside of IGES, there are plans to compile and publicly evaluate the research reports of the First Phase in autumn, this year. Therefore, the details shall be reported to everyone in the final reports, but here I will simply outline the research activities of each project.

The main research theme of the First Phase of the Climate Change Project was the Kyoto Mechanisms of the United Nations Framework Convention on Climate Change. The Project carried out state-of-the-art information gathering, analysis and research for technical discussions regarding the workings of emissions trading and potential of CDM which are both part of the Kyoto Mechanisms. These results were disseminated to outside of IGES in the form of workshops and forums. This is a practical research project that aims at contributing to policy formation at COP6.

The Urban Environmental Management Project conducted case studies in several cities in Japan, China and Korea, with cooperation from researchers in each country. It has analyzed the data that was obtained from field studies and various kinds of statistics, and environmental management models which are created according to the state of development of cities. The project conducted practical research with a limited budget and manpower. Since the research examined theoretical models through quantitative analysis of data acquired through limited manpower and budget I cannot say that the research was sufficient in the First Phase. However, the expectations of the external researchers for research achievements are great, and they intend to continue efforts to promote the data results and complete models in the Second Phase.

Within the Forest Conservation Project, four sub-projects were established. Each subproject cooperated with many external collaborative researchers and conducted research on political and social analysis of the destruction of forests, methods of forest management with participation of the local community, the environmental impacts of timber trading, and the international treaties and regimes for the purpose of forest conservation. The team also conducted field research, carried out practical activities, including hosting and participating in various international conferences, and presenting policy proposals to policy decision-makers.

The Environmental Education Project researched the real situation of environmental education in thirty-six countries and regions. Specialists in each country provided information and the project compiled investigative reports on environmental education in Asia. This report received high evaluation from researchers in the field, because such information had not been available until then. Furthermore, the project

cooperated with specialists from Asia, decided on strategies related to environmental education and made proposals to the relevant people.

The Environmental Governance Project focused research on Japan, China, Thailand, India, Bangladesh, Indonesia, Malaysia, the Philippines and Korea. Based on the reports from researchers in each country, the project analyzed the actual state of environmental governance such as the development of environmental policies and the structure and implementation of environmental law and administration. In addition, regarding problems such as acid rain, there were discussions on the possibility of regional cooperation on environmental protection in Asia.

The New Development Patterns Project was established with the aim of proposing new development patterns, focusing on the potential of realizing a sustainable and recycling based society. It cooperated with the other five projects and took a long term and integrated viewpoint on the research achievements of each project and overlapping themes. The project team formulated IGES reports that were presented as background materials at conferences such as ECO ASIA and the Ministerial Conference on Environment and Development in Asia and the Pacific of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP).

The above is a summary of the First Phase of IGES Project Research. As you can see, the research themes not only vary according to project but the research targets and methods are completely diverse. At the start of IGES, each project began with new researchers from different backgrounds, not knowing what each other could do. Furthermore, the research contents of the projects were yet to be finalized. I think that even the project leaders were at a loss as to where to start on such a great task. Even regarding the point of what strategic research is, not all the researchers shared a common understanding. In spite of the difficulties that they faced in the early stages, each project has produced research results over three years and IGES has become recognized internationally.

The fact that IGES has finished laying the fundamental groundwork as a practical policy research institute in the First Phase, is a credit to the efforts of all the members of IGES staff. At the same time, in order to turn further internationalize IGES, we must not forget the contributions made by members of the Board of Directors, and trustees, whose advise and support we are truly grateful for. Therefore I would like to take this opportunity to extend my sincere appreciation to all those who are involved in the development of IGES.

*Akio Morishima*

Reports of the First Phase Strategic Research

Climate Change Project (CC)

Climate Change is considered to be one of the largest issues that needs to be solved by mankind in order to realize a sustainable society. Solution of "Climate Change", caused when increase in human activities (development) affects the global climate, is a fundamental issue, on which the whole existence of mankind depends.

The aim of the CC Project is the analysis of policies for the mitigation of climate change, and the designing of concrete policy proposals based on this analysis. Under the Project Leadership of Prof. Shuzo Nishioka, while taking into account the progress of international negotiations for the UN Framework Convention on Climate Change and the Kyoto Protocol, research activities were conducted on how to form global scale frameworks, domestic systems in Japan and other countries, and regional cooperation, especially in Asia.

The CC Project at IGES has positively taken actions as soon as the research began, such as by organizing brainstorming forums on flexible measures of the Kyoto Protocol, in order to lead discussions of how the domestic measures should be in Japan. To sum up the efforts, a seven-part series of the IGES Open Forum for Global Warming Abatement was held, starting in January 2000. The content of the series, introducing discussions in Japan, was compiled into a booklet and distributed at the Sixth Conference of the Parties of the United Nations Framework Convention on Climate Change (COP6).

The CC Project has also contributed to the advancement of international debate by presenting its research achievements for the realization of the Kyoto Protocol, such as studies on the establishment of baseline by "yard-stick" type competition, direction for the Clean Development Mechanisms (CDM), or summary of Activities Implemented Jointly (AIJ), at international conferences and workshops including COP and the Subsidiary Body for Scientific and Technological Advice (SBSTA).

In addition, the CC Project developed an energy economic model in order to study the economic effects that CDM has in the Asian region. The project also conducted studies focusing on climate change in Asia, including the study of financial mechanisms of international cooperation for the promotion of participation by developing countries, or research for improving the Greenhouse Gas Inventories in developing countries in Asia.

As a result of these research activities, the Climate Change Project at IGES is becoming one of the major research centers for climate change in Asia, recognized not only in Japan but also internationally. It has been invited to participate in major international conferences and international research projects.



IGES Seminar at COP6 (Nov. 2000)

Urban Environmental Management Project (UE)

In the region of Eastern Asia, including Japan, Korea, China, and ASEAN countries, rapid urbanization and industrialization has taken place, especially in the last 20-30 years of the twentieth century. The urbanization and industrialization brought material wealth to Asian cities, but at the same time, became the causes of environmental problems such as air and water pollution. It may not be an exaggeration to say that the fate of the city is becoming not only the fate of the country, but also the fate of the earth.

Under such circumstances, how to improve the urban environment has become a key element in tackling environmental issues, not only from local but global viewpoints. Therefore, the UE project conducted comparative studies of urbanization and environmental issues in Asian cities, analyzed and evaluated Japanese experience concerning urban environmental management in Japan, and conducted strategic research on urban infrastructure, under the Project Leadership of Hidefumi Imura. Cooperation was also sought from the IGES Kitakyushu Office, set up in the city of Kitakyushu in October 1999, with financial support from the local government.

The UE Project at IGES selected eight cities in Japan, China, Korea and Indonesia, that are characteristically and geographically well balanced. Local research teams coordinated case studies in each city, which were then compiled into a report. At the same time, reports on the issues commonly shared by these cities such as urban traffic and air pollution were compiled, and presented to people in charge of urban policies in national and local governments. The UE Project also organized a five-part series symposia from February 2000, aiming to produce results which can be used as inputs for the Ministerial Conference on Environment and Development in Asia and the Pacific (MCED) of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP). The results of the symposia were compiled as the "Kitakyushu Initiative for a Clean Environment".

* It aims to promote cooperation between cities while referring to the successful experience of the city of Kitakyushu in the field of environmental measures, and strengthening local level actions for the improvement of urban environment in the Asia-Pacific region. The IGES Kitakyushu Office will act as the Secretariat for the initiative, with research support from the Urban Environmental Management Project.



Beijing Seminar for the Kitakyushu Initiative for a Clean Environment (Mar. 2000)

Forest Conservation Project (FC)

Extreme deforestation, stock farming, pesticides, global warming, floods, draughts, typhoon, air pollution and forest fires have greatly affected forests in all parts of the world in recent years. Forests in Asia were especially affected by these phenomenon, and there is a strong need for forest conservation. Many initiatives for changing forest policies have been proposed and promoted before, but the situation is not improving.

Under such circumstances, the Forest Conservation Project conducted survey research with four sub-teams under the Project Leadership of Hiroji Isozaki. The sub-teams were: "Structural Analysis of Forest Destruction and the Underlying Causes of Deforestation", "Participatory Forest Management", "Timber Trade", and "Legal and Administrative Supporting Measures for Sustainable Forest Management". One aim of the project was to propose measures for legal and political support, needed for making and implementing strategies for sustainable forest management and forest conservation in the Asia-Pacific region.

Each sub-theme conducted research to grasp and analyze of the actual state of forest use and management in Asian countries, through field surveys conducted in collaboration with networks of researchers, members of governmental organizations etc. in and outside of Japan. The results of the research were closely examined at four international workshops and through policy dialogues with governmental representatives. They were compiled and presented to the interested parties, as policy proposals concerning forest conservation in Indonesia, Lao P.D.R., Vietnam, the Philippines and Far-East Russia. In the Second Phase, focus will be on Indonesia, Lao P.D.R., and the Far East Russia, and the detailed guidelines and political measures based on the proposal of the First Phase will be formulated and presented at local and national levels.

The FC Project was able to build useful networks with researchers, NGOs, local people and people in governmental organizations in the process of its research activities. The project considers these networks as important assets, which can be used fully in the research of the Second Phase.



Policy Dialogue in Russia (Sept. 2000)

What's New from IGES [Mar. 2001]

Environment Education Project (EE)

Environmental education is an effective strategy for furthering human awareness of environmental problems, developing technology for the purpose of solving environmental problems, and maintaining and improving the quality of life and the environment. For these reasons many nations and NGOs are positively developing environmental education activities. However, in recent years it has become necessary to review environmental education from the wider perspective of 'environmental education for sustainable development', which will not only tackle environmental problems but also deal with a wide range of problems related to development, poverty, population and gender, in an integrated manner. It will also contribute to the progress of the development of a sustainable society.

With this background, the EE Project is examining environmental education from the viewpoint of a sustainable society and the use of resources, with the aim of promoting environmental awareness in the Asia-Pacific Region. Under the Project Leader, Osamu Abe, the EE Project has been conducting research activities for the development of an international network for the purpose of formulating integrated regional strategies for environmental education and implementing environmental education in the Asia-Pacific Region. Additionally, the project conducted research focusing on the four sectors of 'Business and Industry', 'NGOs', 'Media', and 'Schools'.

In the first phase, collection and analysis of status reports on EE was carried out to tackle and evaluate the actual situation of environmental education in the Asia-Pacific Region. These reports were made based on the requests of IGES and cooperation with researchers in the 36 countries and regions who collaborated with specialists and cooperative groups. Based on these reports, integrated strategic proposals concerning environmental education were drawn up, and presented to specialists from each country. The comments formed a basis for discussions at the 'Regional Workshop on Environmental Education in the Asia-Pacific Region' and were compiled as 'Regional Strategy for Environmental Education for the Asia-Pacific Region', and then submitted to related organizations in the Asia and the Pacific Regions.

In addition, regarding research focusing on four sectors, individual case studies and reports on each country were conducted and the results were reflected in regional strategies.



Nature Game at Shonan Village Festival (May 2000)

Environmental Governance Project (EG)

Environmental governance is about how societies deal with environmental problems. It examines the structures and functions of various systems and rules made for the purpose of environmental conservation or realization of sustainable development. The economic development and population growth of the Asia-Pacific region is expected to have a great impact on the global environment in the twenty-first century, and this calls for improvement of environmental governance in countries and regions of Asia.

The Environmental Governance Project, under the Project Leader Hisakazu (Kazu) Kato, analyzed major issues of environmental governance. At the same time, international comparative research was about actors and the decision-making process of environmental governance of Asian countries and regions, for the purpose of making concrete political proposals about the direction of environmental governance in Asia.

In FY 1998, country studies were conducted in Japan, China, India and Thailand, and in FY 1999 the studies were conducted in the same countries and in Bangladesh, Indonesia, Malaysia, the Philippines, and Korea, with cooperation from organizations that have signed the IGES Charter. The results of the research were compiled and presented at the "International Symposium on Environmental Governance in Asia", held in March 2000. The results of the country studies were comprehensively compared and analyzed during FY 2000, and were compiled as political proposals for the direction of environmental governance.

Other comparative studies were conducted on various regional cooperation activities, such as the "Northeast Asian Subregional Programme of Environmental Cooperation (NEASPEC)" and "ASEAN Strategic Plan of Action on the Environment". Through these studies, reports and policy proposals concerning regional cooperation were compiled, and presented at international conferences such as "Northeast Asian Conference on Environmental Cooperation", held in July 2000, and "Acid Rain 2000", held in December 2000.

Other activities by the project include organization of a study group consisting of representatives from private companies involved with environmental problems. The past attempts by Japanese industrial companies to solve environmental problems were compiled into a book called "Business and Environmental Governance", and was published by Chuo Hoki Publishing Company in October 2000.



International Symposium on Environmental Governance in Asia (Mar. 2000)

New Development Patterns (NDP)

Many countries in the Asia-Pacific region, which have suffered from poverty for decades, have recently experienced high rates of economic growth based on material-intensive production and consumption patterns, by introducing 'throw-away products'. The current development patterns are rapidly increasing pressure on the environment and resource use in the region, and the trend is enhanced by the multiple causes such as the accelerating trend of globalization along with the fast development of information technology.

Based on the current situation regarding the environment and development in the region, the NDP Project, under the leadership of Kazuo Matsushita, aimed at formulating proposals for 'new development patterns' in order to change the course of current development patterns into the sustainable ones. The NDP project conducted research, in collaboration with the other five IGES projects, examining the multiple aspects of the current economic and social systems from an environmental perspective.

The research activities began by clarifying the themes related to new development patterns. Discussions took place with external specialists and the results were used as materials for a series of discussion forums and workshops, and were also used to organize themes. These achievements were compiled into the book 'Environment in the 21st Century and New Development Patterns', which was published by the Chuo Hoki Publishing Company in November 1999 (the English version was published in January 2001, by a Dutch publisher, Kluwer Academic Publishers).

Based on the knowledge obtained in this process, the project conducted research on individual themes such as "Transfer of Environmentally-Sound Technology", "Business and the Environment", and "IT and the Environment". The research was conducted through cooperation with research institutes, researchers, governments, and local authorities in the region.

In addition, the NDP delivered the research outcomes to various international conferences on environment and development, in order to widely spread the knowledge and policy implications of new development patterns among policy makers and other stakeholders in the region. For that purpose, the NDP Project worked in close cooperation with the Environment Congress for Asia and the Pacific (ECO ASIA) and the ESCAP Ministerial Conference on Environment and Development (ESCAP/MCED). It has acted as the central core of the 'ECO ASIA Long-term Perspective Project' and reports, including a keynote speech, were delivered to ECO ASIA '99 and '00. A report on the critical issues and measures for attaining sustainable development in the Asia-Pacific region was also submitted to ESCAP/MCED '00.



ECO ASIA 2000 (Sept. 2000)

What's New from IGES [Mar. 2001]

News from IGES

IPCC Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories

The Subsidiary Body for Scientific and Technological Advice (SBSTA) of the United Nations Framework Convention on Climate Change (UNFCCC) requested the Intergovernmental Panel on Climate Change (IPCC) to compile a report entitled the IPCC Report on Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories. This report was published by the Technical Support Unit (TSU) of the IPCC National Greenhouse Gas Inventories Programme (IPCC-NGGIP) hosted by IGES in Hayama.

The report provides improved and state-of-the-art understanding of how uncertainties may be managed in producing emissions estimates suitable for the purposes of the UNFCCC and for the scientific work associated with greenhouse gas inventories. Countries will benefit from the Good Practice Guidance and the Uncertainty Management shown in the report, which will enhance the credibility of national greenhouse gas inventories which are indispensable for the implementation of Kyoto Protocol.

The SBSTA endorsed good practice guidance as an elaboration of the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories and recommended its use in the preparation of national greenhouse gas inventories. It also concluded that good practice guidance should be applied by Annex I Parties of the Convention to the extent possible for inventories due in 2001 and 2002 and the use of it will become mandatory in 2003 and beyond. The use by countries with economies in transition included in Annex I may be phased in two years later than other Annex I parties. SBSTA also encouraged Non-Annex I Parties to apply good practice guidance as appropriate and to the extent possible, in the preparation of their greenhouse gas inventories. In addition, the Report was distributed to the UNFCCC Parties at its Sixth Session of the Conference of the Parties (COP6).

With a view to the wider dissemination of good practice guidance, the full text of the report is available on the internet and may be downloaded for free. An order form to obtain a hardcover copy of the Good Practice Report and CD-ROM which also contains the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, Greenhouse Gas Inventory Software and its Instruction Manual, is also available on the same website.

Please refer to TSU web site: <http://www.ipcc-nggip.iges.or.jp/gprreport.htm> for details.



Publication

Publication of *Environment in the 21st Century and New Development Patterns in English*

The English translation of *New Development Patterns and the Environment toward the 21st Century*, printed earlier in Japanese in November 1999, was published through Kluwer Academic Publishers of the Netherlands.

This volume will be of interest to those who are involved in innovative interdisciplinary policy studies on the environment and development, particularly in Asia and the Pacific region. It will also be useful to those who are interested in realizing sustainable development through agriculture, water supply, information technology, chemical industry and sustainability issues in China and India.

Title: *Environment in the 21st Century and New Development Patterns*
 Publisher: Kluwer Academic Publishers
 Date of Publication: December 2000
 Price: EUR 88.50 / USD 95.00 / GBP 60.00
 Size: A5 size with 303 pages
 To purchase, please go to the Internet site of Kluwer Academic Publishers via the IGES site: <http://www.iges.or.jp>



Publication of the IGES Japanese-language Book Series II

Business and the Environment in Japanese was published in November 2000 as the second volume of the IGES Japanese-language Book Series.

Title: *Business and the Environment* (edited by IGES)
 Publisher: Chuoh Hoki Publishing Co. Ltd.
 Date of Publication: November 2000
 Price: JY 3,000 (tax not included)
 Size: A5 size with 302 pages
 Please refer to IGES web site: <http://www.iges.or.jp> for details.



2000 Top News on the Environment in Asia

In line with our activities, IGES has gathered top environmental news in Asia in cooperation with researchers and research institutes in Asia, and compiled it to publish a booklet every year since 1998. The 2000 Top News on Environment in Asia has just been compiled.

In addition to Cambodia, China, India, Indonesia, Japan, Korea, Malaysia, Mongolia, Nepal, Philippines, Singapore, Thailand and Viet Nam, which were in the last issue, reports from the United Nations Economic and Social Commission for Asia and the Pacific (UN/ESCAP), Russia Far East, Lao PDR, Bangladesh have been newly added.

Coverage from sixteen countries and two international institutes is incorporated into this booklet so that readers can grasp environmental trends and problems in the region through a broader view and fresh perspective.

See IGES web site: <http://www.iges.or.jp> for details.

We invite you to the IGES eLearning course!

IGES Capacity Building program that promotes eLearning (a system for learning, training and education through the Internet) is currently opening various on-line learning courses to the public. Why don't you give it a try!

Students attending lectures can register whenever they like

With eCourse (IGES online study course), anyone can take the courses for free if they register from the homepage. Why not take a look at the eCourse list at <http://www.iges-japan.net> and try a course that takes your interest?

* You need to use a browser that is Internet Explorer 4.01 or a later version.

Lecture courses (language) (As of January 31, 2001)

- Leadership (Japanese and English)
- ISO14001 Implementation (English)
- Environmental Leadership (English)
- Presentation Skills (English)
- Conflict Resolution (English)
- Consensus Building (English)

We are currently adding courses in Japanese.

How to start eCourse

- Step 1 Access to [iges.net](http://www.iges.net)
- Step 2 Select eCourse
Click eCourse you want to take from eCourse Library.
- Step 3 Check eCourse contents, etc.
Read and check course description, requirements and others.
- Step 4 Sign up to the system
Click "Enroll now" on the left of the course description page.
Sign up to the system.
- Step 5 Enroll to eCourse
Click "Enroll now" on the left of the course description page.
Enroll yourself to the eCourse.
- Step 6 Start eCourse!
Start taking the eCourse from the course description page.

The motto is not just that you 'understand' but that you 'can do it'!

We do not simply transmit information, but with our motto 'by attending the lectures A and B you will be able to do X, Y, and Z' we are developing eCourses so that you can acquire practical skills.

Tell us your impressions and what you would like to see!

Tell us your impressions of the courses and what your needs are, for example 'I would like a course that covers this topic.'

We really appreciate your participation in the development of our courses in the future.

URL: <http://www.iges-japan.net> (Japan) <http://www.iges.net> (English)
 E-mail: info@iges-japan.net

Launch Issue of *International Review for Environmental Strategies (IRES)*

IGES has launched a new English journal *International Review for Environmental Strategies (IRES)* last August for the purpose of contributing to the world for sustainable development. This journal aims to provide information to develop new measures for environmental strategies and a place to publish research outcomes. This is biannually published in Summer and Winter.

IGES is calling for papers to be published in the Winter 2001 issue. (Deadline: May 31, 2001)

For detailed information of purchase and submission, please refer to IGES web site: <http://www.iges.or.jp/ires/> [ires.htm](#) (Instructions to authors).



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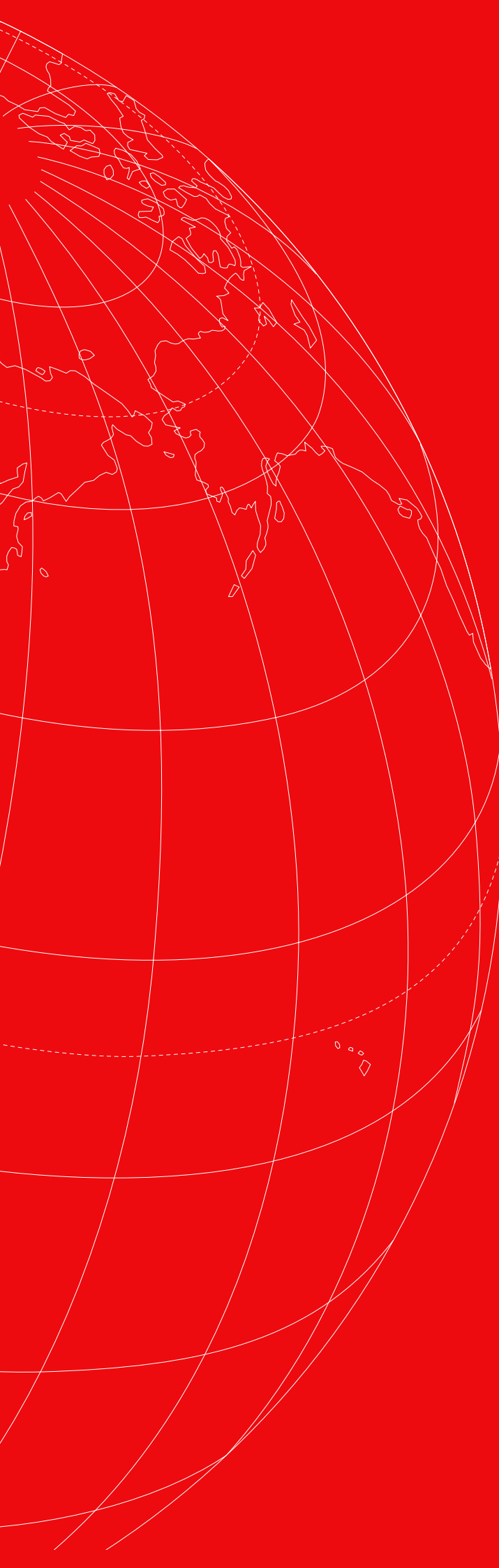
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