

**CD-ROM  
Climate Policy Information  
Package 2004**

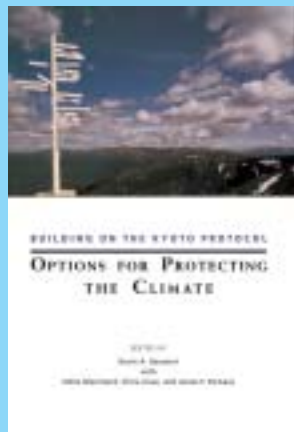
The Climate Policy Project compiled the results of its policy research in a CD-ROM entitled 'Climate Policy Information Package 2004'. The CD-ROM includes various publications related to climate policy, and materials from meetings organised or jointly organised by the Project. Also included on the CD-ROM are policy proposals and research results presented by the Project members at various international meetings and academic conferences. The current issue of CD-ROM holds several documents relating to the Clean Development Mechanism (CDM), an issue discussed at length at COP9 held in Milan, in December 2003. The CD-ROM will be distributed, free of charge, to the participants of international conferences and workshops organised by the CP Project. The information contained on the CD-ROM can also be found on the Project's website (<http://www.iges.or.jp/en/cp/>).



If you have any queries, please contact the CP Project directly on  
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**Translation of *Building on the Kyoto Protocol: Options for Protecting the Climate***

Prior to international talks on the Post Kyoto Regime that are due to begin in 2005, research institutions worldwide, including IGES, are working earnestly towards a post 2012 international framework for the reduction of greenhouse gas emissions. As such, the Climate Policy Project is currently engaged in completing a Japanese translation of the work *Building on the Kyoto Protocol: Options for Protecting the Climate*, co-authored by K. Baumert, O. Blanchard, S. Llosa and J. Perkaus, which sparked off the discussions at COP8 (The Eighth Conference of the Parties to the UN Framework Convention on Climate Change) in 2002. At this meeting, experts from a number of different countries conducted a thorough review of the divergent future frameworks proposed, providing valuable insight into the likely direction of future developments. The translation is scheduled for publication in the autumn of 2004.



**Launch of the Environmental Information System**



The environmental information system website reports the latest news on the environment and sustainable development from around the world, with a focus on country- and region-wide policy trends.

The forthcoming 'Headlines' function allows users to view the latest information from the participating organisations in real-time, and the 'News-header' gives a concise summary. Additionally, the 'News' function delivers the pertinent topical news stories without users having to visit all of the many websites individually.

The newly updated version of the site will incorporate new functions including a database of IGES research outputs.  
(URL Open: Autumn 2004)

**Affiliate and Associate Membership**

IGES welcomes affiliate and associate members from private companies, NGOs, the public and students. The purpose of the IGES affiliate and associate membership is to publicise IGES strategic research activities and ask the members for their support of IGES activities.

Registered affiliate members receive priority information and announcements of symposiums, workshops and seminars hosted by IGES, as well as publications featuring new research findings, including the International Review for Environmental Strategies (IRES), the IGES Newsletter, the IGES annual report and other activity reports.

Associate members receive announcements of IGES activities including symposiums and seminars (although they do not receive priority regarding these announcements) and also receive IGES free-of-charge publications such as the Newsletter and annual report.

Please consider becoming a member and taking part in IGES research activities.

**Affiliate Members** (Japanese Yen)

Classification	Registration Fee	Annual Fee
Corporate Members	50,000	100,000
NGO Members	15,000	30,000
Individual Members	5,000	10,000
Students	5,000	3,000

**Associate Members** (Japanese Yen)

Classification	Registration Fee	Annual Fee
Corporate Members	25,000	50,000
NGO Members	7,500	15,000
Individual Members	2,500	5,000
Students	2,500	1,500

Contact: [iges@iges.or.jp](mailto:iges@iges.or.jp)

**The Socialist Republic of Vietnam Signs the Charter for the Establishment of IGES**

On 19 June, the 12th Environment Congress for Asia and the Pacific (ECO ASIA 2004) was held in Yonago City, Tottori Prefecture, hosted by the Ministry of the Environment Japan, Tottori Prefecture, Yonago City, and co-hosted by IGES. On this occasion, the Honourable Minister, Mai Ai Truc, Ministry of Natural Resources and Environment, Socialist Republic of Vietnam signed the Charter for the Establishment of IGES. Vietnam is now the 16th country to sign the charter, bringing the total number of signatory organisations and institutions to the charter to 46.



**IRES Call for Papers**

The International Review for Environmental Strategies (IRES) is a peer-reviewed, bi-annual journal (priced at 2,200 Yen, or US \$20) that aims to contribute to the development of strategic and policy-oriented research addressing global environmental issues.

IGES is currently accepting papers for the forthcoming issue. The deadline for submissions is 31 October 2004.



For more information:  
<http://www.iges.or.jp/en/pub/ires/ires.html>

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**IGES What's New From IGES**  
Institute for Global Environmental Strategies  
September 2004

**The Freshwater Resources Management Project:  
Strategies for Sustainable Freshwater Resources Management**

In November 2003, the newly launched Freshwater Resources Management Project (FW), which had been prepared under the IGES Long-term Perspective and Policy Integration Project (LTP), began full-scale research under the leadership of the FW Project Leader, Shinichiro Ohgaki, Professor of the School of Engineering, University of Tokyo. The Project comprises two main research components: 'Research on Sustainable Water Management Policy', or SWMP, which aims to propose integrated policy options for improved water resources management in Asia; and the 'Water Environment Partnership in Asia' (WEPA), which aims to support and advance the activities of relevant stakeholders, such as policy-makers.

Through a review of the development of water resources management in Japan, and case studies in Thailand, Vietnam, Indonesia and China, SWMP aims to propose integrated policy options for sustainable water resources management with full consideration of different socio-economic backgrounds and location (see Chart 1). In FY2004, SWMP will focus on groundwater

resources, with the intention to extend this focus to include surface water resources from FY2005 onwards. On 12 June 2004, the SWMP Inception Workshop, held at the IGES Headquarters in Kanagawa Prefecture, was attended by researchers and government members from the four above-mentioned target countries, who discussed the details of future research activities and the research process in general.

The 'Water Environment Partnership in Asia (WEPA)' Programme is a new initiative proposed by the Ministry of the Environment of Japan at the 3rd World Water Forum (2003) that works to provide an information platform for water environment conservation. Since April 2004, the FW Project has taken a key role in implementing and coordinating the WEPA activities. WEPA aims to contribute to strengthened water environmental governance and

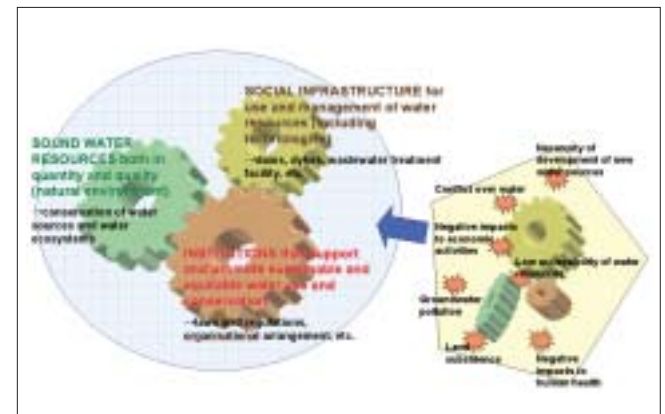


Chart 1: Integrated Policy Design for Sustainable Water Resources Management

capacity building in the region, developing a set of four databases under the headings of Policy; Activities by NGOs and Communities; Technologies for Water Environment Conservation; and Information Sources. The WEPA Inception Workshop was held in Jakarta, Indonesia, in March 2004, where the participants discussed the details of the WEPA project activities and its partnerships with various countries.

The FW Project endeavours to realise the full potential of its research, by making maximum use of synergies between SWMP and WEPA, cooperation with the other IGES Projects, and research collaboration with other Japanese and overseas organisations. The Project aims to disseminate its research results widely at international and regional conferences such as the 4th World Water Forum (Mexico, March 2006).

For further information regarding the FW Project, please see <http://www.iges.or.jp/en/fw/>



SWMP Inception Workshop, June 2004



WEPA Inception Workshop in Jakarta, March 2004

**ECO ASIA 2004**

The Long-term Perspective and Policy Integration Project (LTP) is trying to promote the strategisation and actualisation of the policy proposals it submits by releasing the results of its policy research to concerned parties within the international policy-making process. As one part of its activities, LTP announced the progress of APEIS (The Asia-Pacific Environmental Innovation Strategy Project) and APFED (The Asia-Pacific Forum for Environment and Development), in which LTP takes part, at ECO ASIA 2004, which took place on 19-20 June in Yonago City, Tottori Prefecture, Japan. ECO ASIA is sponsored by the Ministry of the Environment, Japan and gives Environment Ministers from the various countries of the Asia-Pacific region the opportunity to discuss their views and opinions openly, in the attempt to promote environmental cooperation within the region and to contribute to the realisation of sustainable development.

LTP acts as Secretariat for APFED by carrying out necessary research and organising the APFED meetings that aim to devise a future vision for an equitable and environmentally sustainable society in the Asia-Pacific region. Meanwhile, the purpose of APEIS is to propose policy options and scientific analysis with a view to sustainable development, carrying out Integrated Environmental Monitoring (IEM) and Integrated Environmental Assessments (IEA) and Research on Innovative and Strategic Policy Options (RISPO). LTP holds the major responsibility for this RISPO and proposes innovative policy options under eight separate sub-themes. At ECO ASIA 2004, the progress of both of the two projects was appraised highly, and as a way to further their development, it was recommended that the activities and outcomes of APEIS should be inherited as an element of the new initiatives toward sustainable development which is proposed by APFED.

**The APFED Database**

The Asia-Pacific Forum for Environment and Development (APFED) was established in 2001 as an expert forum for the environment and development in the Asia-Pacific region, aiming to devise a future vision for an equitable and environmentally sustainable society in the region. Up to this point, four substantive meetings and numerous expert and multi-stakeholder meetings have been conducted and in December 2004, there will be a meeting to conclude all of the APFED discussion, the results of which shall be announced at the ESCAP Ministerial Conference on Environment and Development (MCED) in 2005.

As part of this APFED process, APFED submitted its Message to the World Summit on Sustainable Development 2002 (WSSD) in Johannesburg. In the Message, APFED itself pledged to create networks to share knowledge and experiences on sustainable development in the Asia-Pacific region. More specifically, APFED has established a network of researchers and research institutes, and developed a database of Best Policy Practices (BPPs) and Capacity Building Programmes (CBPs), the prototype of which is due for launch in July 2004 (<http://apfed-db.iges.or.jp>), to be fully operational by March 2005. As well as developing this database, LTP has carried out necessary research and supported the implementation of the APFED Commitment.

The database of BPPs/CBPs and creation of the network of researchers and research institutes could be first step to realise the 'Knowledge Initiative for Sustainable Development' which is one of the final initiatives proposed by APFED.

## Project Report

### Climate Policy Project

#### ..... SBSTA/SBI 20 Report .....

The Twentieth Session of the Subsidiary Bodies to the UN Framework Convention on Climate Change (SBSTA/SBI 20) was convened in Bonn, Germany, on 16-25 June 2004, in which Mr. Kunihiko Shimada and Ms. Rie Watanabe of the IGES Climate Policy Project participated as representatives of the Government of Japan. Mr. Shimada focused on the discussion of SBSTA Agenda Items 4 (The Development and Transfer of Technology) and 9 (Cooperation with relevant International Organisations) that both involved numerous informal consultation and drafting group sessions, and contributed to the development of the SBSTA conclusions of Agenda Item 9, involved most notably in writing the highly controversial paragraphs 3 and 4. Ms. Watanabe focused on the Agenda Items entitled PAM and Non-Annex 1 National Communications and contributed to the development of the draft conclusions for each Item. SB20 conclusions were presented and adopted for almost all of the Agenda Items, but the conclusion of part of the discussion on LULUCF/CRF was postponed, to be finalised at the convention of SB21. It is expected that any items not concluded by this meeting will be discussed at COP10 and SB21. (Kunihiko Shimada, Researcher)

#### ..... International Energy Workshop (IEW) 2004 .....

The International Energy Workshop (IEW) 2004 took place at the International Energy Agency (IEA) in Paris on 22-24 June, sponsored by the IEA, the IIASA (International Institute for Applied Systems Analysis) and the EMF (Energy Modelling Forum).

IEW Workshops have taken place since 1981, where topics of current interest in the wide energy-economy-environment field are reported and discussed between experts in the field of energy projections.

The main goal of the 2004 Workshop was to examine models of technical progress: the outlook for this century's fossil fuel supplies including natural gas and oil; medium and long-term scenarios of the development of hydrogen technologies and CO<sub>2</sub> segregation and storage technologies; and learning curve analysis. To this end, IGES reported on its research into the application of petrol demand modelling in Japan.

(Yasushi Ninomiya, Policy Researcher)

### Open Symposium

#### International Climate Regime beyond 2012: Long-term Goals and Near-term Actions

The effects of global warming are expected to become clearly tangible over the next hundred years, but experts are divided on the issue of when countermeasures to this long-term problem should be introduced. On 9 September, IGES, together with the National Institute for Environmental Studies, will hold an open symposium at the Fukoku Seimei Building (Tokyo) to discuss the near-term actions that can be taken as part of long-term efforts to stabilise greenhouse gas concentrations in the atmosphere. As well as presentations by experts from Japan, the USA, Europe and Indonesia, there will be a panel discussion to enhance understanding of the theme, allowing plenty of time for questions and answers.

For further details, please see <http://www.iges.or.jp>

### Urban Environmental Management Project

The Urban Environmental Management Project recently organised the following events for urban policy makers with the view to enhanced dialogue, capacity building and the promotion of closer links with the international community.

The Third Meeting of the Kitakyushu Initiative Network was held in Kitakyushu on 2-4 August attended by mayors and senior officials from 26 cities, and representatives from a number of national governments of Asia and various other international institutions and initiatives. The meeting re-examined past activities and assessed the achievements to date. It also adopted its message and finalised the list of outcomes of the Kitakyushu Initiative for the 5th Ministerial Conference for Environment and Development (MCED) scheduled for March 2005 in Seoul, Korea. Additionally, the Project organised a seminar on International Cooperation for Local Initiatives under the framework of the Kitakyushu Initiative on 2 July 2004 in Kitakyushu. These events were organised in cooperation with the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP).

The Project also organised a Roundtable Workshop on Strategies to Mitigate Air Pollution from Urban Transportation in the Kathmandu Valley on 29-30 July 2004 in Kathmandu, in collaboration with the Ministry of Population and Environment of Nepal. The workshop, sponsored by the START International Secretariat, Washington DC, was intended to survey the current situation and to facilitate brainstorming on feasible strategy options amongst policy makers, experts and other stakeholders.



The Kitakyushu Initiative Third Network Meeting (2-4 August)

### Forest Conservation Project

The Forest Conservation Project will hold a joint workshop entitled "Toward Collaborative Forest Governance in West Kutai District, Indonesia" in Tokyo in early December, as part of research activities of the 21st Century Centre of Excellence Programme (COE) at the University of Tokyo.

During the third research phase (FY2004-2006), the Project plans to develop strategies to realise Collaborative Forest Governance (CFG) in the Asia-Pacific region. The West Kutai District is one of the most important research sites as a hub of mega-biodiversity in Asia, where high levels of enthusiasm and cooperation with the FC Project have been maintained over the past six years.

The Project will develop a draft strategy for CFG, which will be evaluated during 2004 to reflect actual conditions in West Kutai District, and the Project will expect important information for the development of the draft strategy from the workshop.

### Business for Sustainable Society Project

The Business for Sustainable Society Project was launched in April 2004 as a new research project at Kansai Research Centre. In light of the growing strength of global environmental constraints in the decision-making process, the project presents mid- and long-term development scenarios for industries and local communities, through environmentally-sound business models and technologies, with the aim to contribute to sustainable society. To mark the start of the project, an international symposium open to the general public is planned to be held at Kobe in the autumn of 2004.

## Interview: New Researchers



**Kunihiko Shimada**  
(Researcher, Climate Policy Project)

After graduating from the Faculty of Law, Doshisha University, Mr. Shimada studied political science at Amherst College in the United States as a Nijima Scholar, and subsequently acquired his master's degree in international studies (international economics, conflict management and environment studies) from the School of Advanced International Studies, The Johns Hopkins University. Mr. Shimada has worked in various international organisations, such as the United Nations Framework Convention on Climate Change (UNFCCC), the United Nations Secretariat in New York, and the Global Environmental Facility (GEF), specialising in project management and negotiations. He also worked as a research fellow at the Potsdam Institute for Climate Impact Research.

He joined IGES as a researcher in February 2004. As a member of the Climate Policy Project, he is now conducting research on emission trading schemes as well as the legal and institutional aspects of climate change policy framework. In the future he hopes to focus on international negotiation strategies, international cooperation or climate change in trade and the environment, making the most of his own experience.

His international career path has given Mr. Shimada a deep understanding of international issues, and as an independent researcher, he hopes to establish uniqueness and originality in his analysis and research.



**Keishiro Hara**  
(Researcher, Freshwater Resources Management Project)

Having completed a doctoral course at the Graduate School of Frontier Science (Division of Environmental Studies), The University of Tokyo, Dr. Hara joined IGES in April 2004 as a researcher. During his Ph.D. course, he had the opportunity to conduct research on environmentally friendly water supply and sewerage systems, as well as sustainable waste management systems, at Chalmers University of Technology, Sweden (Jun - Sep 2003) and at the International Institute for Applied Systems Analysis (IIASA), Austria (Jun - Aug 2002).

In his research with the Freshwater Resources Management Project (FW), Dr. Hara plans to carry out case studies in four Asian countries — Indonesia, Thailand, Vietnam and China — in order to clarify the conditions critical for sustainable water resources management, and aims to propose feasible policy options for sustainable water use. In 2004, the Project will look into groundwater resources management from the perspectives of the environment, the institution and social infrastructure in an integrated manner, and intends to extend its focus to surface water from 2005 onwards.

Dr. Hara considers that it is critical for Asia, where rapid economic growth is currently taking place, to pursue a pattern of sustainable development for realising global sustainability. In that sense, he is very much looking forward to his research at IGES with a

focus on the Asian-Pacific region. Dr. Hara hopes that the project's outputs will be actively publicised in a number of forms by the end of the third phase. He is especially keen to introduce the unique ideas of IGES and research outcomes at the 4th World Water Forum (Mexico) in 2006.



**Puja Sawhney**  
(Researcher, Long-term Perspective and Policy Integration Project)

After acquiring her master's degree from the Delhi School of Economics, University of Delhi, Dr. Sawhney studied environment and development at the School of Oriental and African Studies (SOAS) in London as her second master. Before coming to IGES, she concentrated on forest management and policies at the Centre for Development Research (ZEF), and completed her Ph.D. thesis, entitled "People-Park Interaction: A Case of Bandhavgarh National Park, India."

Dr. Sawhney joined IGES in May 2004. Her main responsibilities are Research on Innovative and Strategic Policy Options (RISPO) and local indigenous knowledge-based sustainable resource management projects, while she is also working on reports for the Asia-Pacific Forum for Environment and Development (APFED) and Sustainable Asia 2004.

Dr. Sawhney is now trying hard to adapt to her new environment, and in the future, hopes to continue working on her main research interests: forest management, forest policies and development issues.

### Revised Guidelines for the Compilation of National Greenhouse Gas Inventories

IPCC-NGGIP Technical Support Unit (TSU) has recently started a major task in preparing revised guidelines for the compilation of national greenhouse gas inventories. At the invitation of the United Nations Framework Convention on Climate Change (UNFCCC) the IPCC aims to approve the new guidelines in early 2006. It is hoped that these guidelines will form the basis for reporting greenhouse gas emissions by Parties to the UNFCCC.

This work will be based on previous work by the IPCC, specifically preparing guidelines and good practice guidance on greenhouse gas inventories. It will also take into account of recent improvements in scientific and technical understanding. Around 240 authors have been selected and approved from nominations by countries around the world. Selection was based on scientific and technical knowledge and the need to have good geographic coverage of the entire world.

A scoping meeting was held in 2003 and the task has started this year with the selection of authors. The aim is to prepare a "zero-order" draft by January 2005. This will be consolidated into the first-order draft and then submit to two review processes in 2005 (an experts review, and a combined experts and governments review).

The new guidelines will consist of five volumes. The first volume will cover general issues that apply to all sectors such as data collection, methodological choice, quality assurance/quality control, uncertainty analysis and documentation. The remaining four volumes will cover the sectors of (i) Energy; (ii) Industrial Processes and Product Use; (iii) Agriculture, Forestry and Other Land Use; and (iv) Waste.

The work started earlier this year and already three meetings of the authors have been held. The first was in Oslo in May where issues cutting across all the sectors were discussed together with the general outline of the guidelines. The second meeting in Mauritius in June discussed Agriculture, Forestry and Other Land Use. This sector has been split into two in earlier guidelines but to avoid double counting and overlaps these sectors will be combined for the 2006 guidelines. The third meeting in Washington D.C. in July was for the Industrial Processes and Product Use. This sector will cover a wide variety of industry-related sources and gases including those that were not covered by the existing guidelines. Further meetings for the remaining sectors will be held through the rest of the year.

### Launch of the GDM Programme

The CDM (Clean Development Mechanism) Programme was launched to enhance capacity building for CDM in each of the countries of Asia. This Programme aims at the actual implementation of CDM projects, which supports the Sustainable Development and contributes to the prevention of global warming in every region of the world.

Focussing on gathering information and widely announcing the launch of its activities, during its first year of operation, FY2003, the Programme held a number of workshops in four different countries (Cambodia, Indonesia, India and the Philippines), and conducted workshops on a regional level in Asia in cooperation with UNESCAP (United Nations and Economic and Social Commission for Asia and the Pacific) and UNEP-RISO (United Nations Environment Programme and RISO).

During FY2004, the Programme plans to extend its reach to various sectors and enlarge the geographical scope of its activities, determining suitable candidates for CDM projects. China, Thailand and a number of other countries in the South Pacific will be added to the list of target countries and the Programme intends to produce a textbook to be put to use in these countries and others. With regard to JI (Joint Implementation), the Programme will survey trends in Russia, a country with enormous potential power. Additionally, the Programme is planning to hold a side-event at COP10 in Buenos Aires in December to report on its activities, and to summarise the results of its work at the 'ICS-CDM FY2004 Annual Meeting' at the end of the fiscal year in Tokyo.