

## Calendar

- Oct. 6(Sat)-8(Mon)**  
The 2001 Open Meeting Human Dimensions of Global Environmental Change (Rio de Janeiro/Brazil)
- Oct. 9(Tue)**  
Global 500 Asia Forum (Tokyo/Japan)
- Oct. 12(Fri)-14(Sun)**  
Global Environmental Action (GEA) Conference on Global Environmental Crises (Tokyo/Japan)
- Oct. 13(Sat)-14(Sun)**  
The Environmental Congress in Asia and the Pacific (ECO ASIA) 2001 (Tokyo/Japan)
- Oct. 14(Sun)**  
Establishment of the Eminent Persons Forum (tentative name) (Tokyo/Japan)
- Oct. 15(Mon)**  
Tata Energy and Resources Institute (TERI) Japan Opening Symposium (Tokyo/Japan)
- Oct. 21(Sun)-23(Tue)**  
Eco Consciousness WS (Kyoto/Japan)
- Oct. 29(Mon)-Nov.9(Fri)**  
UNFCCC/COP7 (Marrakech / Morocco)

- Nov.6(Tue)(tentative)**  
IGES Seminar(COP7 Side Event) (Marrakech / Morocco)
- Nov. 13(Tue)-15(Thu)**  
9th International Conference on the Conservation and Management of Lakes (Otsu / Shiga/Japan)
- Nov. 20(Tue)-21(Wed)**  
1st Meeting of The Kitakyushu Initiative Network for A Clean Environment (Kitakyushu/Japan)

- Dec. 3(Mon)**  
Post COP7 Seminar (Tokyo/Japan)

## Launch of Kansai Research Center

The IGES Kansai Research Center was established on June 1, 2001. As a new IGES center for activities in the Kansai region (which includes Kobe, Kyoto and Osaka), the Center conducts environmental research focusing on industry and the environment, and cooperates with universities, research institutes, private companies and environment-related organizations in the region.

**Location**  
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**Administrative Staff Members**  
*Center Director:*  
Akihiro Amano - Director of IGES, Professor of Economics, School of Policy Studies, Kwansai Gakuin University  
*Advisor:* Ryutaro Yatsu  
*Section Head of Research Planning Support and Administrative Duties:* Akira Yoshida



Inauguration Symposium of IGES Kansai Research Center

## Affiliate Member Seminars and Open Seminars in FY 2001

IGES will hold Seminars for Affiliate Members and Open Seminars again this year, with the theme this year of "Global Environmental Issues." Let us share our ideas on how humanity should tackle global environmental issues in the twenty-first century, the century of the environment. We welcome your participation!

### Schedule of Seminars for Affiliate Members/Open Seminars in FY2001

Type	Dates	Themes
Opening Symposium	10/10 (Wed)	Global Environmental Issues
Lectures for General Public	11/13(Tue)	Energy Saving Lifestyles
	11/27(Tue)	Eco-friendly Shopping
	12/11(Tue)(may change)	Lifestyles that Do Not Produce Waste
Lectures for Representatives from Local Government Administrative Bodies	10/29(Mon)(may change)	Global Environmental Issues and Local Governments
	11/19(Mon)	Environmental Performance Evaluation in Local Governments
Lectures for Representatives from Private Companies	12/17(Mon)	Local Governments and ISO14001
	11/15(Thu)(may change)	Global Warming
	11/29(Thu)	Environmental Reporting/Environmental Accounting
	12/10(Mon)	Environmental Activity Evaluation Program
Closing Symposium	12/20(Thu)	Environmental Management System
	To be decided	Mitigating global warming

Note: Please see <http://www.iges.or.jp/> for details



## Publication of the Summer 2001 Issue of International Review for Environmental Strategies (IRES)

The Summer 2001 issue of the International Review for Environmental Strategies (IRES) was published in August as the second issue. This English journal aims to provide information to develop new measures for environmental strategies and a place to publish research outcomes. Summer and winter issues are published each year.

IGES is calling for papers for review process for the Summer 2002 issue. (Deadline: November 30, 2001).

For detailed information on submissions and regular subscriptions, please refer to IGES web site: <http://www.iges.or.jp/ires/ires.htm>

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**IGES Web site** <http://www.iges.or.jp>  
**eLearning** <http://www.iges.net/> (English)  
<http://www.iges-japan.net/> (Japanese)

## Overview of the First and Second Phases of Research

Akio Morishima, Chair of the Board of Directors / President

The IGES First Phase of project research was launched in April 1998 and continued for three years until March 2001. I am proud to say that during this time the six projects have achieved their stated targets, and I offer my most profound gratitude to all those connected in any way to the projects for their leadership and support. Each project has produced various reports concerning the three years of research, which are currently being assessed by an external Research Advisory Committee. The evaluation procedure will be concluded in the near future and we plan to publish the IGES First Phase Research Report by the end of the year, after a process of external assessment. Once published, we will warmly welcome comments and suggestions.

IGES made much progress as an organization during the First Phase of research. In the first year IGES had only just begun to function as a research institute, with the research staff comprised of individuals from a variety of fields of research and backgrounds. It was necessary to first consider such fundamental questions as what exactly strategic research entailed, and what was the best way to advance research activities. However, by the second year, an international network had been established, and the profile of IGES had risen both in Japan and abroad, thanks to a range of field studies and international meetings organized by the Institute. During the third and final year, as the project teams were compiling their final reports they consciously began to narrow down their research targets and methodologies, which until then had been somewhat diverse. These efforts helped clarify and point the direction for each research program. During the final year each project submitted plans for the Second Phase of project research, based on the lessons of the first three years.

The IGES Second Phase strategic research, to be carried out over three years from April 2001 until March 2004, consists of six research projects, one sub-project, and a program. The Boards of Directors and Trustees have pointed out that in the First Phase our projects did not achieve their potential synergies because they were carried out without adequate mutual collaboration. Thus, the proposal for the Second Phase of research includes a new project which will organize cross-cutting research at the core of each of the other projects.

This new project is the Long-Term Perspective and Policy Integration Project (LTP), comprised of an amalgamation of the New Development Patterns Project and the Environmental Governance Project from the First Phase. The project has thirteen members, composed mainly of newly recruited young researchers. The aims of the LTP over the next three years are to investigate the environmental problems which directly affect Asia and the Pacific region, to seek out issues which must be given priority in order to make sustainable development possible in the region, and to propose feasible strategic policies.



(Photo Courtesy: Kanagawa Shimbun)

Concrete proposals being considered for the three years are producing a general strategy for an Environmental White Paper for Sustainable Development in Asia and the Pacific (tentative name), and advising governments as well as regional and international institutions such as the United Nations Economic and Social Commission for Asia and the Pacific (UN/ESCAP). To this end, besides collaborating with each project and accepting advice on research outcomes, it will undertake the development of strategies in partnership with project members. In the process of carrying out this research, reports will be submitted to various conferences, such as the Environment Congress for Asia and the Pacific (ECO ASIA) which is held every year by Japan's Ministry of the Environment, and forthcoming international conferences such as the Asia-Pacific Eminent Persons Forum (tentative name) and the World Summit on Sustainable Development. The results of this work will be compiled into the White Paper which is the eventual objective. In order to do this, it is necessary to establish a strategy for submitting effective reports and advice to important international meetings during the three year period of the Second Phase. Also required are strategies for supporting active collaboration between each IGES project and for the eventual assimilation in the White Paper of the research outcomes achieved by the LTP. With the cooperation of each project member of IGES, all LTP members are currently in the midst of debating research strategies, and the LTP, as the flagship of IGES strategic research, is undertaking its role at the center of active collaboration between each project.

With regard to other projects, the Climate Change Project from the First Phase has undergone a change of name to Climate Policy Project, in order to place more emphasis on policy research aspects of its work. It is continuing research into actual systems and measures being undertaken both in Japan and abroad to combat global warming. Next, the Urban Environment Management Project is building on its research from the First Phase, and in addition to modeling the process of active change in urban infrastructure in Asia, it plans to develop control strategies for urban energy demands for actual cities. Furthermore this project, stationed in the IGES Kitakyushu Office, is responsible for aiding the implementation of the "Kitakyushu Initiative Network for a Cleaner Environment" which, along with the Kitakyushu city government, aims to improve the environment of Asian cities. The Forest Conservation Project is in the process of applying the principles of forest management based upon local participation which it developed in the First Phase to three countries, including Indonesia, and proposing forest management policy to these countries. The Environmental Education Project plans to develop practical materials and train environmental specialists based on practical examples of environmental education collected in Asian countries during the First Phase. Each project will undertake practical policy research in earnest, benefiting from the foundations built in the First Phase.

In addition to the above, research on environmental accounting will begin in the Second Phase as a part of the Business and the Environment Project, stationed in the Kansai Research Center, which was established in June 2001. A sub-project will also be started on Information Technology and the Environment. Besides the strategic research projects, IGES will continue development of the eLearning System, started in the First Phase as a part of the Capacity Building Program. IGES also continues to support the Technical Support Unit for the National Greenhouse Gas Inventories Programme of the Intergovernmental Panel on Climate Change (IPCC/TSU), which will be discussed in more detail in the future.

Here at the start of the Second Phase, we look forward to our new stage of strategic research at the international level. As always, we welcome your input and support.

# Outline of the Strategic Projects on the 2nd Phase

## Climate Policy Project

An expert group designing a blueprint of measures to prevent global warming

### Objectives

To design and propose international and domestic measures, correlating with developments in international negotiations in the field of climate change.

To contribute to policy formulation through various channels such as proposals to the Japanese government and reporting at international conferences, including the COP.

### Research Themes

1. Domestic measures for global warming.
2. International cooperative mechanisms by industrialized and developing nations.
3. Research into emissions and absorption of greenhouse gases in Asia. It is essential to be able to precisely determine the amount of greenhouse gases produced in Asia in order for developing countries to join the Kyoto Protocol and in order to promote international cooperation.
4. Research of vulnerability and adaptive measures in Asia: Proposals of ways to evaluate and promote mitigation measures for global warming, through the GEF, START/AIACC etc.

### Message from Project Leader

Two urgent issues in international climate policy after the agreement reached in Bonn in July 2001 are promoting the participation by developing countries, and establishing an implementation system for the Kyoto Protocol towards the first commitment period starting in 2008. In order to design a global framework under international cooperation and to build effective domestic measures that are coordinated with that framework, during this Phase the Climate Policy Project will conduct research activities in a variety of areas. Work will include making proposals for the formulation of policies in Japan, which will have considerable impact internationally; strengthening proposals from Japan and Asia; and considering capacity building and funding methods in order to promote international cooperation in Asia and to promote participation by developing countries in East Asia. It is hoped that the project will contribute not only as a source of knowledge, but also as a focal point for information about climate policy, and a place to collect input from each sector of society in Japan and the world.

## Urban Environmental Management Project

The future of cities is the future of the earth. Our focus: economic development and cities in Asia

### Objectives

To present effective measures in order to clarify mechanisms that create problems, and to propose solutions.

### Research Themes

1. Dynamic processes of change involving cities and the environment.
2. Integration of policies related to energy in megacities.
3. Support for implementation of the Kitakyushu Initiative Network.

### Message from Project Leader

It is in cities where production and consumption are most concentrated, and cities are the cause of the resulting environmental impacts. One could say that urban economic activities and lifestyle patterns will determine the future of the global environment. Today, Asia is characterized by large populations and huge potential economic growth, but there are many aspects to this reality. In some countries rapid economic development, industrialization, and urbanization occur simultaneously, while in others, urbanization and poverty are locked in a vicious circle. Some Asian cities are in their infancy or childhood compared to Western cities. This project will focus on those Asian cities that are now in the growth stage, and search for strategies for sustainable development.

## Forest Conservation Project

Caring for both people and forests, from a "glocal"\* perspective.

### Objectives

To propose concrete measures to facilitate participatory forest management (PFM).

### Research Themes

1. Local approach: Drafting of "IGES Local Guidelines." To develop guidelines to facilitate local peoples' participation at a local level.
2. International approach: Drafting of "IGES Policy Recommendations." To propose measures for effective diffusion and application in target countries of the PFM-related international treaties/conventions.
3. Integration of the two approaches: Drafting of "IGES National Guidelines." To develop guidelines to facilitate local peoples' participation at a national level.

### Message from Project Leader

The Forest Conservation Project aims to develop "IGES Local Guidelines," "IGES Policy Recommendations," and "IGES National Guidelines" in local languages as well as in English, to support and facilitate the participation of local people in forest management, for target countries/areas such as Indonesia, Laos, and the Russian Far East. In order to avoid having the outcomes simply placed on the bookshelf, we have concluded MOUs with counterparts such as research institutes and administrative bodies in the target countries/areas. Furthermore, the researchers have organized core teams for action research with the local people and staff of local NGOs to develop the "IGES Local Guidelines." I believe that local people should play a central role in conserving forests, which are the wealth of all humanity, while ironing out the differences between various stakeholders' interests. We strive to carry out our research with a global perspective based on the local realities.

\* glocal: global + local

## Environmental Education Project

Environmental education to create a sustainable society

### Objectives

To compile knowledge into policy proposals that can be effective for promoting environmental education, obtained through practical activities in the Asia-Pacific region, and to present them to countries in the region and international organizations.

### Research Themes

1. Development of environmental education materials such as use in wetland conservation or for learning in schools.
2. Capacity building of specialists in environmental education, using the training scheme of JICA.
3. Suggesting innovative environmental education models (eco tourism).

### Message from Project Leader

It is essential to raise the environmental awareness of people in order to build a sustainable society. This is the greatest mission of the Environmental Education Project. In the past, environmental education only covered environmental issues. Today environmental education is more comprehensive and broad, and is considered to be "education for sustainable society." It now includes issues such as poverty and human rights. The environmental education project at IGES also takes such a view. Thus environmental education today covers a broad range of topics. In this sense, this project is like a little ship sailing out into the huge ocean. But it has already visited many harbors in Japan and overseas, especially in the Asia-Pacific region, and is steadily developing a network of people and organizations. Our goal is to integrate research and practice, and to have the project promote change toward sustainable societies.

## Business and the Environment Project

Positive initiatives by companies can help business and the Earth

### Objectives

To propose methods to promote voluntary activities by the private sector towards the building of sustainable socio-economic systems.

### Research Themes

1. Research of methods to integrate environmental management methodologies into corporate management systems. Based on research results in Europe, the U.S. and Japan, develop practical methods for environmental management accounting in the Asia-Pacific region.
2. Research on methods and systems of environmental information disclosure at private companies. Survey the current conditions of information disclosure in companies, and make proposals of corporate environmental information disclosure systems that are the most acceptable for society.
3. Research on social and economic system to promote voluntary environmental conservation activities by business. Research on a method to assess in monetary terms the environmental conservation actions by business.

### Message from Project Leader

In order to make socio-economic systems more sustainable, important roles are played by voluntary measures by businesses on environmental issues, as well as regulation such as through legislation and economic measures such as taxes. Many companies are making voluntary efforts to acquire ISO 14001 certification for their environmental management systems. The growing practice of issuing environmental reports and the growing use of environmental accounting are evidence that this voluntary trend is becoming widely accepted in society. In order to promote such voluntary efforts, the Business and the Environment Project will conduct research focusing on (1) environmental accounting, (2) environmental reporting, and (3) environmental assessment (economic valuation of the environment). In addition, the project will strengthen ties with the Kansai and Asia-Pacific regions, promote research exchanges and distribute its research results widely.

## Long-Term Perspective and Policy Integration Project

Presenting environmental strategies with an innovative approach

### Objectives

To study how to deal with environmental problems in the 21st century, with a long-term and cross-cutting approach, in order to propose innovative strategies to policy makers.

### Research Themes

1. Publication of "Environmental White Paper for Sustainable Development in the Asia-Pacific Region (tentative name)".
  2. Implementation of the ECO ASIA Long-Term Perspective Project.
  3. Implementation of the Asia-Pacific Environmental Innovation Strategies Project.
  4. Preparation of the paper "Concerns and environmental challenges in Asia" as input from the Asia-Pacific region to the World Summit on Sustainable Development (WSSD: Johannesburg Summit) in 2002.
  5. Contribution to the "Asia-Pacific Eminent Persons Forum on Environment and Development (tentative name)".
  6. Implementation of the Information Technology Revolution and the Environment Sub-project.
  7. Review of existing available research outputs in response to urgent needs for international policy making or requests from policy makers.
- [Provisional themes]
8. "Greening" of development assistance.
  9. Environmental information disclosure in corporate activities (in cooperation with the Business and Environment Project).

### Message from Project Leader

As the name suggests, this project aims to contribute to sustainability for the Asia-Pacific region and beyond that, at the global level, by making policy analysis and recommendations through inter-disciplinary and cross-cutting approaches. Bearing in mind the issues faced in the challenges of actual policy making, we need to conduct our work in collaboration with researchers and members abroad, using innovative methodologies and data collection, and need to solve problems through dialogue with stakeholders. Thus, the LTP Project is carried out with a spirit of intellectual curiosity, flexible thinking, physical toughness, warm heartedness and cooperation.

## Project Members

### Climate Policy Project

Project Leader	Shuzo Nishioka
Senior Research Fellow	Naoki Matsuo
Project Manager / Senior Research Fellow	Tae Yong Jung
Research Fellow	So Won Yoon
Research Associate	Aki Maruyama
Research Associate	Rie Watanabe
Research Associate	Wakana Takahashi
Research Associate	Yasushi Ninomiya
Eco Fellow	Sum Thy
Project Secretary	Miya Iwase
Project Secretary	Tomoko Miyazaki

### Urban Environmental Management Project

Project Leader	Hidefumi Imura
Senior Research Fellow	Xuemei Bai
Research Fellow	Chongki Kwon
Project Manager / Research Associate	Shinji Kaneko
Research Associate	Kosuke Araki
Project Secretary	Kyoko Takada

### <Kitakyushu Office>

Research Associate	Chang Miao
Research Associate	Shobhakar Dhakal

### Forest Conservation Project

Project Leader / Leader of Local Approach	Makoto Inoue
Project Manager / Research Fellow	Martinus Nanang

### Leader of International Approach

Research Fellow	Hiroji Isozaki
Research Associate	Satoshi Tachibana
Research Associate	Kimihiko Hyakumura
Research Associate	Kiyoshi Komatsu
Visiting Researcher	Hiroaki Kakizawa
Visiting Researcher	Shin Nagata
Visiting Researcher	Sachie Okamoto
Visiting Researcher	Satoru Matsumoto
Project Secretary	Saho Moriguchi

### Environmental Education Project

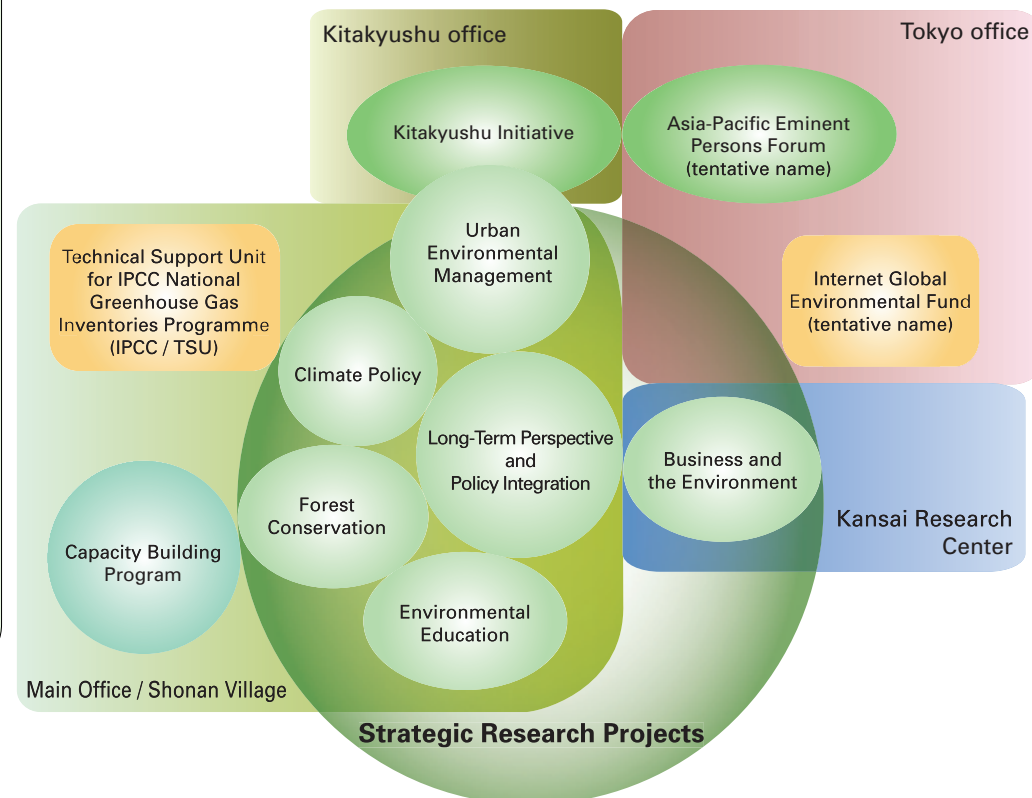
Project Leader	Osamu Abe
Senior Research Fellow	Bishnu Bhandari
Project Manager / Research Associate	Masahiro Takahashi
Research Associate	Akihiro Nakahata
Visiting Researcher	Ranjana Saikia
Project Secretary	Tomoe Karasawa

### Business and the Environment Project

Project Leader	Katsuhiko Kokubu
Research Fellow	Eriko Nashioka
Project Manager / Research Fellow	Yasuhiro Kanda
Research Fellow	Kenjiro Hirayama
Senior Visiting Research Fellow	Masaki Kitamura
Visiting Researcher	Shinichi Imai
Visiting Researcher	Yasuhisa Nakaso
Project Secretary	Koichiro Saio
Project Secretary	Mami Tachibana

### Long-Term Perspective and Policy Integration Project

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Sub Leader	Takashi Matsumura
Sub Leader	Yoshihiro Natori
Project Manager / Research Fellow	Kenichi Imai
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Research Associate	Shuzo Katsumoto
Research Associate	Ko Nomura
Research Associate	Kamal Gueye
Research Associate	Yatsuka Kataoka
Research Associate	Maki Sato
Research Associate	Taeko Takahashi
Research Associate	Lisa Hiwasaki
Project Secretary	Naoko Miyazaki



Projects Chart