

20th
Anniversary

Institute for Global Environmental Strategies

The 20-Year History of IGES



Foreword

President, IGES

Prof. Kazuhiko Takeuchi



The Institute for Global Environmental Strategies (IGES) was established in April 1998 under an initiative of the Japanese government and with the support of Kanagawa Prefecture, as an institute conducting practical and innovative policy research to open up a new era for the global environment. Its mission as outlined in the Charter for the Establishment of IGES, aims to achieve sustainable development in Asia and the Pacific, a region which has seen serious environmental challenges along with rapidly growing economic development, as well as to redefine the values and value systems of our material-based society, creating new ways for humankind to operate and a new paradigm for civilisation, showing the way for a reconstruction of the mechanisms of an economic society.

In 2018, IGES celebrates its 20th anniversary. The Institute has conducted strategic research that accurately captures policy issues over the years, and based on the results, has carried out activities to contribute to the formation of policies by making effective proposals. I would like to take this opportunity to thank all those concerned who, during these past two decades, have made unprecedented efforts in the establishment and operations of IGES.

The international community is making progress on various issues, based on the two historic agreements that were made in 2015, namely the Paris Agreement and the 2030 Agenda for Sustainable Development including the Sustainable Development Goals (SDGs). However, it goes without saying that there is still a major gap between these movements and the actions necessary for the transformation of socioeconomic systems. In order to accelerate change, there must be further collaboration among non-state actors such as cities and local communities, companies and financial institutions, in addition to conventional state actors. It is also vital to co-design and co-implement a path to accelerate actions for change.

IGES formulated its Medium-to-Long term Strategy (MLS) in 2016. In the MLS, the next 10 years until 2025 is taken as the "Decade of Action" for transformation to a sustainable world, with a major goal to envision the ideal for a sustainable, resilient, shared and inclusive Asia-Pacific region and the world, where planetary boundaries are fully respected, a green economy is flexibly implemented, and the human well-being is steadily improved. Positioning itself as a Change Agent to promote a transition to a sustainable society, IGES hopes to further build on cooperation accumulated so far with national and local governments, international organisations, universities and research institutes, companies, NGOs and citizens, and promote research for evidence-based policymaking based on scientific knowledge as well as to contribute to setting up an international agenda and discussion framework.

I would like to ask for your continued understanding and support for IGES research activities going forward.

Runup to the Establishment of IGES (up to FY1997)

The adoption of Agenda 21 at the Earth Summit (Rio de Janeiro, 1992) raised international awareness on the environment and sustainable development. Japan also wanted to contribute internationally through research on global environmental challenges in the Asia-Pacific region, and so in 1995, a consultative body of the Prime Minister proposed to establish the Institute for Global Environmental Strategies (IGES). In 1997, the Preparatory Organisation for the Establishment of IGES was launched to look into ways to implement advanced sustainability research, sending several missions to research/governmental/international organisations.

January
1995

- Proposal to establish IGES by the Council of Global Environment in the 21st Century, a consultative body of the Prime Minister of Japan

May
1996

- ECO ASIA 96 welcomed the Japanese government's initiative to establish IGES

April
1997

- Launch of the Preparatory Organisation for the Establishment of IGES

December

- Adoption of the Charter for the Establishment of IGES: signatories include regional governments, international organisations and research institutes



Adoption of IGES Charter (Kyoto)

FY1998 – FY2000

1st Phase

Following the convening of UNGASS (Earth Summit+5) in 1997 and the adoption of the Kyoto Protocol, awareness was growing among Asian countries with regards to sustainability toward the agreement on the Millennium Development Goals (MDGs) at the UN Millennium Summit (2000). IGES offered support including the creation of a regional network of researchers and practitioners, as well as developing research activities under Prof. Akio Morishima, who was appointed IGES Chair of the Board of Directors following on from his role on the Preparatory Organisation.

FY1998

April

- Start of IGES First Phase Strategic Research: Inauguration on 31 March as a Japanese foundation hosted by Kanagawa Prefecture, located in Hayama, with research activities beginning on 1 April

June

- IGES Opening Ceremony, Opening Symposium

November

- Launch of Post-COP seminar series conveying results of UNFCCC/COP¹ as well as the IGES seminar for affiliate members series

March
1999

- Launch of "Top News on the Environment in Asia"



IGES inauguration (Hayama)

FY1999

June

- Open Meeting of International Human Dimensions Programme on Global Environmental Change (IHDP)



IHDP open meeting (Hayama)

1 Thereafter organised annually

September

- Establishment within IGES of Technical Support Unit (TSU) for the IPCC Task Force on National Greenhouse Gas Inventories

October

- Establishment of IGES Kitakyushu Office with support from City of Kitakyushu to disseminate Japanese environmental technology and systems to Asian cities



IGES Kitakyushu Office established

March 2000

- 1st Japanese German Policy Dialogue (Tokyo) by top private companies co-organised with Wuppertal Institute
- Initiation of commercial publications "IGES Series of Strategic Research on Global Environment (in Japanese)" and "IGES Book Series (in English)"

FY2000

August

- Inaugural edition of "International Review for Environmental Strategies (IRES)" as an academic journal on sustainability research



IRES series

September

- Proposal to the Ministerial Conference on Environment and Development (MCED 2000), becoming implementing body for Kitakyushu Initiative for a Clean Environment



MCED 2000 (Kitakyushu)

November

- 2nd Japanese German Policy Dialogue (Wuppertal) with discussions between IT industry and research community ahead of COP6

December

- Launch of bilingual e-mail newsletter "E-alert"

• First Phase Organisational Chart



2nd Phase

FY2001 – FY2003

IGES made active contributions to major international conferences and their preparatory processes such as the 2002 World Summit on Sustainable Development (WSSD), COP and the UN International Year of Fresh Water (2003). Aiming to reflect the situation in Asian countries to the international policy making processes, IGES presented its research results on the basis of international agreements such as the Marrakesh Accords (2001) adopted at COP7, and the Johannesburg Declaration and the Johannesburg Plan of Implementation (2002).

FY2001

June

- Establishment of IGES Kansai Research Centre with support from Hyogo Prefecture for research on the environment and business



IGES Kansai Research Centre established (Kobe)

August

- 11th Asia-Pacific Seminar on Climate Change (Kitakyushu), presenting research results and participating in discussions on outcomes of the resumed session of COP6

October

- Appointed a leading organisation of the Research on Innovative and Strategic Policy Options (RISPO) for APEIS², approved at ECO ASIA 2001



ECO ASIA 2001 (Tokyo)

- Appointed Secretariat for the newly established Asia-Pacific Forum for Environment and Development (APFED)³ as approved at ECO ASIA 2001



COP7 (Marrakech) Photo courtesy of IISD / ENB

November

- Side event at COP7 on climate policy dialogue in Asia

FY2002

May& June

- “APFED Message” and the implementation of APEIS were included in the Partnership Initiative at the 4th Preparatory Committee (Bali) as commitments to WSSD

June

- Completion of the IGES HQ building: Opening Ceremony of the new research facility constructed in Hayama with support from Kanagawa Prefecture

July& August

- 12th Asia-Pacific Seminar on Climate Change (Bangkok) and presentation of IGES research results



Completion of the IGES HQ building, making maximum use of natural assets including solar energy (Hayama)

² Regional large research initiative aimed at promoting policy decisions based on scientific information

³ Under the leadership of the Chair of the Forum, former Prime Minister of Japan Ryutaro Hashimoto, the Forum consisted of eminent persons of the Asia-Pacific region and aimed to propose a model of equitable and sustainable development for the region.

August & September

- Side Events at WSSD: four side events held in cooperation with MOEJ, UNEP and UNESCAP



WSSD (Johannesburg)

March 2003

- Discussion session at the 3rd World Water Forum (WWF3)



WWF3 (Kyoto)
Photo courtesy of IISD / ENB

FY2003

April

- Granted status as NGO in Special Consultative Status with UN/ECOSOC

May

- Establishment of IGES Project Office in Bangkok for survey research and to strengthen links with international organisations in the region



IGES Project Office in Bangkok established

June

- ECO ASIA 2003 organised with Kanagawa Prefecture and presentation of IGES research results

February 2004

- International Symposium: Global Environmental Strategies in the 21st Century - A Message from Kanagawa Prefecture on Water Issues in Asia

March

- Peer review⁴ for IGES Second Phase Strategic Research

● Second Phase Organisational Chart



4 Thereafter implemented at the end of every research phase

3rd Phase

FY2004–FY2006

To bring urgent issues from the Asia-Pacific to international policy processes, IGES provided opportunities for discussion at forums, also supporting the creation of networks and information sharing among researchers and practitioners. In 2005, the Kyoto Protocol entered into force and the UN Decade of Education for Sustainable Development started, and IGES launched concrete programmes to meet the needs of the region. IGES also worked to improve research management for effective strategic research ahead of the Fourth Phase.

FY2004

April

- Launch of the capacity building programme for promotion of the Clean Development Mechanism (CDM) and Joint Implementation (JI) in the Asia-Pacific region
- Asia-Pacific Network for Global Change Research (APN) shifted its Secretariat to IGES



CDM capacity building programme

November

- Launch of EnviroScope, an on-line environmental information database on world environment issues

March 2005

- APFED Final Report presented at an MCED 2005 side event, including more than 100 policy recommendations to create sustainable society



APFED Final Report (Seoul) Photo courtesy of IISD / ENB

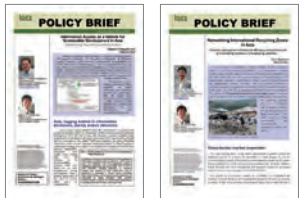
FY2005

May

- Japan-US Climate Policy Workshop convened jointly with a US think-tank, Resources for the Future, discussing bilateral cooperation in the private sector

June

- Launch of "Policy Brief" series as a tool to disseminate research outcomes to policymakers



October

- 6th IHDP Open Meeting (Bonn): as co-organiser, IGES presented its activities and hosted sessions on climate change and urban environmental management

November

- As part of Deutschland in Japan 2005/2006, international workshop Business and Environment (Kobe), and symposium Climate Policy 2005 and Beyond: Japanese-German Impulses (Tokyo)
- Launch of APFED II (~2010)

- December • COP11 side event presented “Asian Perspectives on Climate Regime Beyond 2012”, based on policy dialogues of stakeholders in Asian countries
- January 2006 • 1st IGES White Paper “Sustainable Asia 2005 and Beyond: In the Pursuit of Innovative Policies”
- March • Two discussion sessions at WWF4 (Mexico City) presenting research outcomes



COP11 side event (Montreal)



1st IGES White Paper

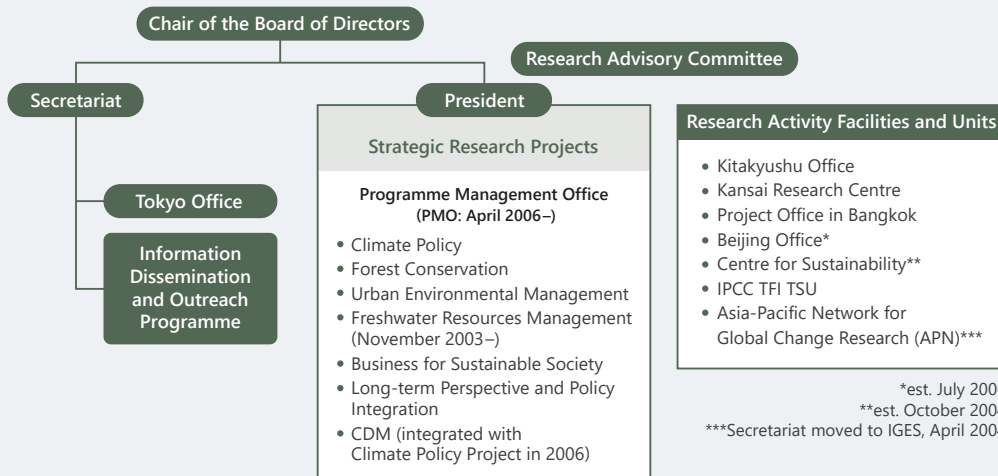
FY2006

- April • Establishment of the Programme Management Office (PMO) ahead of the Fourth Phase, to plan and coordinate IGES integrative strategic research
- July • Establishment of IGES Beijing Office in the Sino-Japan Friendship Center for Environmental Protection of China as a platform to facilitate research activities in China
- August • South Asia 3R Expert Workshop (Kathmandu) held jointly with ADB and UNEP, to review 3R promotion in South Asia
- November • APFED II established the Asia-Pacific Regional Network of Policy Research Institutes for Environmental Management and Sustainable Development (NetRes) with IGES as secretariat



IGES Beijing Office established

● Third Phase Organisational Chart



*est. July 2006

**est. October 2004

***Secretariat moved to IGES, April 2004

4th Phase

FY2007 – FY2009

Under the new Chair, Prof. Hironori Hamanaka, projects were coordinated by the Programme Management Office (PMO) and cross-cutting research began on a full-scale based on the needs of the region. IGES contributed to the preparatory process for the G8 Toyako Summit held in 2008, and progress was made in linking with international forums and networks. Aiming to create a change in society, information dissemination activities in Japan were promoted through seminars and other events.

FY2007

April

- Japanese Center for International Studies in Ecology (JISE) integrated with IGES

July

- IGES Open Forum: Global Environmental Strategies for Asia-Pacific - Views and Findings of IGES, based on the research results up to the Third Phase

December

- Side event at COP13 presented results of Multi-Stakeholder Consultation Meetings on Climate Regime Beyond 2012 held in India and China
- Submission of joint proposal with Cambodia on reforming CDM rules: part of the proposal was reflected at COP13/CMP3
- Launched COP reporting seminar series where IGES researchers provide timely on-site information from COP



IGES open forum (Tokyo)



COP13 (Bali)

IGES 10th Anniversary year

FY2008

April

- Establishment of IGES Strategic Research Fund to nurture innovative research

May

- Support for G8 Environment Ministers Meeting: drafted Kobe 3R Action Plan which was incorporated into the Chair's summary of the Toyako Summit, and input results of Special Symposium to G8 Environment Ministers Meeting
- Conclusion of MOU with UNFCCC Secretariat on CDM data exchange
- IGES 10th Anniversary Event: Planting 3000 Trees, held at IGES HQ under the guidance of JISE



Special symposium on climate change and water (Kobe)



Planting 300 trees at Hayama HQ

June

- IGES 10th Anniversary Symposium: Strategy to Combat Climate Change in Asia and the Pacific



IGES 10th anniversary symposium (Yokohama)

August

- Advice and monitoring for the Indonesia Climate Change Development Policy Loan Program (Japanese government programme) jointly with JICA

November

- International Symposium: Partnership between Japan and India towards a Low Carbon Economy
- Pilot project in southern Hyogo for Eco-Home Diagnosis Programme with Hyogo Prefecture

FY2009

April

- Appointed Secretariat for International Research Network for Low Carbon Societies (LCS-RNet)⁵

June

- Launch of the International Forum for Sustainable Asia and the Pacific (ISAP)⁶
- Endorsed as a knowledge hub on groundwater management at the Asia-Pacific Water Forum
- Designated as a platform for environmental cooperation between China and Japan in a memorandum signed by Environmental Ministers



ISAP2009 (Hayama)

October

- Joint proposal with Cambodia on CDM reform to the CDM Executive Board, impacting on CDM reform at CMP5
- Start of joint management of the Asia Pacific Climate Change Adaptation Network (APAN) with AIT/UNEP RRC.AP



APAN established (Bangkok)

March 2010

- Appointed Secretariat of the Asian Co-benefits Partnership (ACP), a platform to facilitate information sharing and stakeholder dialogue on co-benefit in Asia
- "Chain-of-Custody Guidelines" to enable tracing of timber from legal forest operations: input into Pan-ASEAN Timber Certification Initiative⁷

• Fourth Phase Organisational Chart



*integrated with IGES, April 2007

5 A network of researchers for the development of low-carbon society which the Government of Japan proposed and which was agreed on by G8 Environment Ministers Meeting

6 An international forum of experts, governments, international organisations, business and NGOs, to discuss matters related to sustainable development from the view point of Asia and the Pacific. Organised annually, thereafter

7 Established in 2002 by ASEAN countries to implement robust timber certification

5th Phase

FY2010 – FY2012

IGES contributed to international policymaking processes for sustainable development such as the COP16 Cancun Agreements in 2010, the Nagoya Protocol adopted at the 10th Meeting of the Conference of the Parties to the Convention on Biological Diversity (CBD COP10) and the preparatory process for the UN Conference on Sustainable Development (Rio+20). In response to the Great East Japan Earthquake in March 2011 and the accident at the Fukushima Daiichi Nuclear Plant, IGES began an institution-wide project aiming at offering recommendations for post-quake recovery.

FY2010

April

- Kitakyushu Office renamed as the Kitakyushu Urban Centre, enhancing its research for the promotion of local initiatives toward sustainable cities

May

- Joint research with TERI on the application of low-carbon technologies in India, promoting a pilot scheme with the participation of Japanese companies (Kansai Research Centre)

October

- Support for CBD COP10: provided research results to “The Economics of Ecosystems and Biodiversity (TEEB)”, and disseminated the TEEB final report in Japan
- Initiation of composting projects⁸ in cooperation with City of Kitakyushu and the Kitakyushu International Techno-cooperative Association (KITA) (Kitakyushu Urban Centre)



CBD COP10 side event (Nagoya)

FY2011

April

- Launch of the IGES Earthquake Research Initiative with three key themes on a strategic energy policy decision for Japan and Asia; resilient society; and energy management and medium to long-term low carbon strategy

June

- Launch of the IGES Regional Centre in Bangkok, strengthening the function of the former Bangkok Office

November

- Submission of “The IGES Proposal for Rio+20”

December

- Korea-Japan Policy Dialogue on the Carbon Market (Seoul), sharing latest trends on domestic emission trading schemes and offset schemes

March 2012

- Eco Action21 certification was granted to IGES Headquarters



IGES Regional Centre in Bangkok launched



The Asian and Pacific regional preparatory meeting for Rio+20 (Seoul)

⁸ Replication of a successful participatory composting model of Surabaya, Indonesia to ASEAN cities for substantial volume of waste reduction

FY2012

April

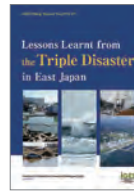
- Transition to a public interest incorporated foundation in line with institutional reform in Japan
- Launch of Fukushima Action Research on Effective Decontamination Operation (FAIRDO)
- Launch of the Low Carbon Asia Research Network (LoCARNet)
- Launch of a study on water-energy-food nexus
- Appointed Secretariat of the Japan Climate Leaders' Partnership (Japan-CLP)⁹, supporting business activities on climate change issues



FAIRDO research (Fukushima)

June

- Side event at Rio+20 presented a policy report "Lessons Learnt from the Triple Disaster in East Japan" featuring proposals on reconstruction after the Great East Japan Earthquake
- Transition of the Asian Environmental Compliance and Enforcement Network (AECEN) Secretariat to IGES



Policy report on reconstruction proposals



Rio+20 side event (Rio de Janeiro)

July

- India-Japan Technology Cooperation towards Sustainable Development jointly organised with TERI as part of the 60th anniversary events since the establishment of diplomatic relations between India and Japan



60th anniversary of diplomatic relations between India and Japan (Yokohama)

October

- 4th IGES White Paper "Greening Governance in Asia-Pacific" (published in July 2012) utilised as an official document at the Asia Pacific Sub-regional Environmental Policy Dialogue organised by UNEP (Hyderabad)
- Started support for formulation of national guidelines on waste management in Asian countries¹⁰



4th IGES White Paper

● Fifth Phase Organisational Chart



*est. April 2010 (former Kitakyushu Office)

**est. in Bangkok June 2011 (former Project Office)

⁹ A group of Japanese businesses with a common understanding of their responsibilities and active roles to be taken by business toward creation of sustainable and decarbonised society

¹⁰ Malaysia's national strategy of food waste management, Viet Nam's national standard of incinerating technology, and Philippines' national guideline of waste power generation, were approved in 2016.

6th Phase

FY2013 – FY2016

With major progress being made on international initiatives such as the agreement on the Sustainable Development Goals (SDGs) and the adoption of Paris Agreement at COP21 (2015), IGES, as a Change Agent for low-carbon society in the Asia-Pacific region, carried out various projects based on regional needs and for implementation of those international agreements, aiming to reform business and lifestyles through collaboration with various stakeholders.

FY2013

- October** • Proposal of “Absolute Reductions in Material Throughput and Energy Use”, to reduce resource/energy use to a one-planet level at the World Resources Forum (Davos)
- November** • Presentation at side events at COP19, and submission of standardised baseline for CDM project development (jointly with Cambodia), successfully adopted at CDM Executive Board
- January 2014** • An IGES discussion paper reflected in the Chair’s summary of the UN General Assembly’s 7th Open Working Group (OWG7) on SDGs



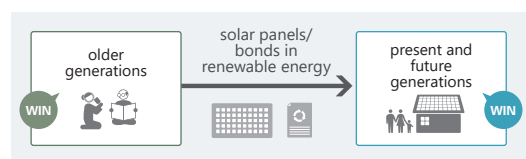
COP19 side events (Warsaw)

FY2014

- April** • Launch of flagship research projects on Climate and SDGs
- July** • Launch of the Japan 2050 Low Carbon Navigator¹¹ (joint development with NIES)
- December** • IGES-proposed Green Gift¹² incorporated into the Outline of 2015 Tax Reform Proposals of the Government of Japan and was implemented
- February 2015** • Adoption by Nepal Ministry of Forests and Soil Conservation of a governance standard for Nepal’s forest (joint research with University of Southern Queensland)
- March** • Contributions to ADB’s Asia Leadership Programme on Sustainable Development and Climate Change
- Establishment of the IGES Centre Collaborating with UNEP on Environmental Technologies at IGES HQ



Launch of the Japan 2050 Low Carbon Navigator



Green gift scheme

11 Japanese version of the 2050 Pathways Calculator developed by the UK Department of Energy & Climate Change: a simulation tool for energy supply and demand scenarios that aim at building a low-carbon society with a long-term perspective, developed to reflect the state of Japanese society
 12 An innovative funding mechanism for promoting investment by individuals to renewable energies

FY2015

- April • Establishment of Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) TSU for the Regional Assessment for Asia and the Pacific (TSU-AP)
- May • Publication of Working Paper "Impact of the Increasing Number of Coal-fired Power Plants on Japan's Mid and Long-term Reduction Targets"
- July • Publication of flagship policy report recommending governance reforms to achieve the SDGs
- September • Establishment of the UNFCCC-IGES Regional Collaboration Centre (RCC) in IGES Regional Centre in Bangkok
- December • Contribution to discussions in Japan and overseas related to COP21: publication of the flagship policy report
- February 2016 • Formulation of IGES Medium-to-Long term Strategy (2016–2025)



UNFCCC-IGES Regional Collaboration Centre established (Bangkok)



Adoption of Paris Agreement (COP21)



Presentation on SDGs (Yokohama)

FY2016

- April • Support for launch of Coalition on Paris Agreement Capacity Building¹³
- May • Contribution to the G7 Environment Ministers' Meeting on resource efficiency
- December • Cooperation with OECD for revision of extended producer responsibility (EPR) guidelines and Japanese summary
- March 2017 • Power supply source for IGES HQ switched to local provider with high rate of renewable energy supply: contributing to reduction in CO₂ emissions and supporting local production
- April • Publication of "SDGs and Business in Practice: Early Actions by Japanese Private Companies"
- Changed business year to start in July (with FY2016 as a 15-month period, ending in June 2017)

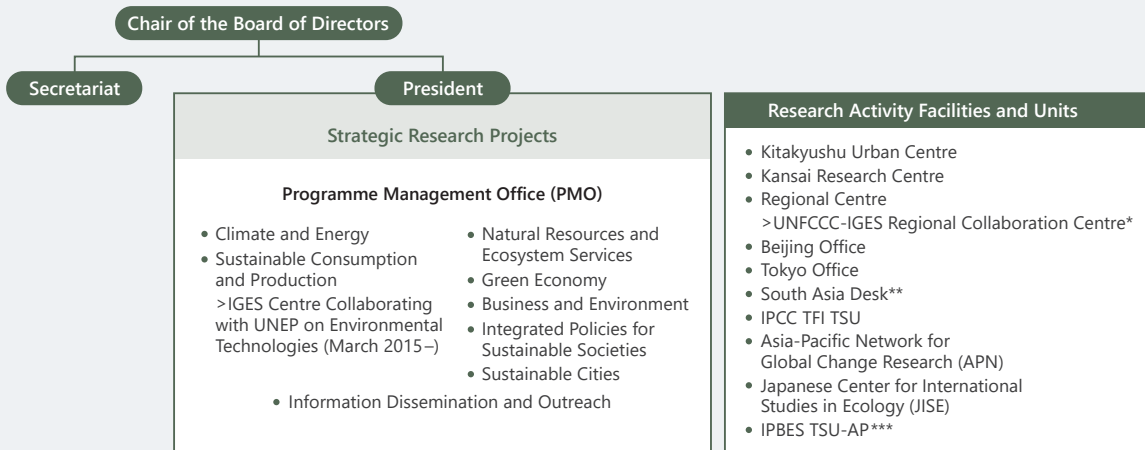


Japanese summary of EPR guidelines



SDGs report

● Sixth Phase Organisational Chart



*est. September 2015 **est. April 2015 ***est. April 2015

13 A group of experts organised for capacity building of countries to implement Paris Agreement and achieve their respective targets

7th Phase

FY2017 – FY2020

Under the new President (Chair of the Board of Directors), Prof. Kazuhiko Takeuchi, strategic research based on the IGES Medium-to-Long term Strategy has been implemented. Aiming to contribute to international agenda and framework setting, the Strategic Management Office (SMO) was newly established to coordinate research activities. In collaboration with various stakeholders, IGES as a Change Agent, is conducting projects and operation to generate impacts to international policy processes by further strengthening networks in and out of Japan.

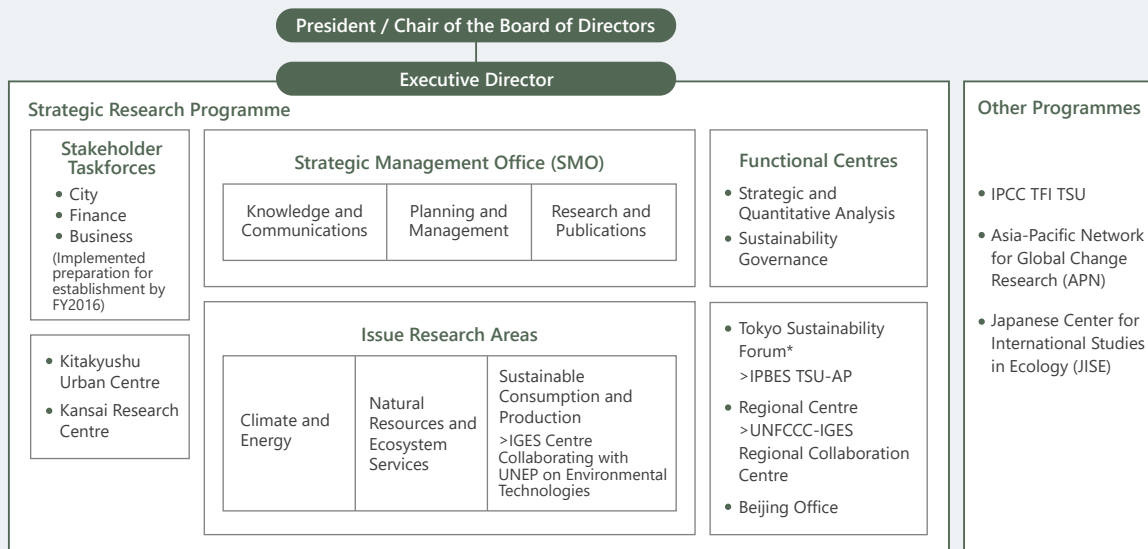
FY2017

- July
 - Publicised IGES report on SDGs and business in practice at UN High-Level Political Forum on Sustainable Development (HLPF)
- October
 - Joined SWITCH-Asia, EU initiative to promote SCP for consumers, businesses and decision-makers
- March 2018
 - Publicised IPBES Regional Assessment for Asia and the Pacific supported by IPBES TSU-AP



ISAP2017 (Yokohama)

● Seventh Phase Organisational Chart



*est. July 2017 (former Tokyo Office)

● Integrative Strategic Research Programme (ISRP)

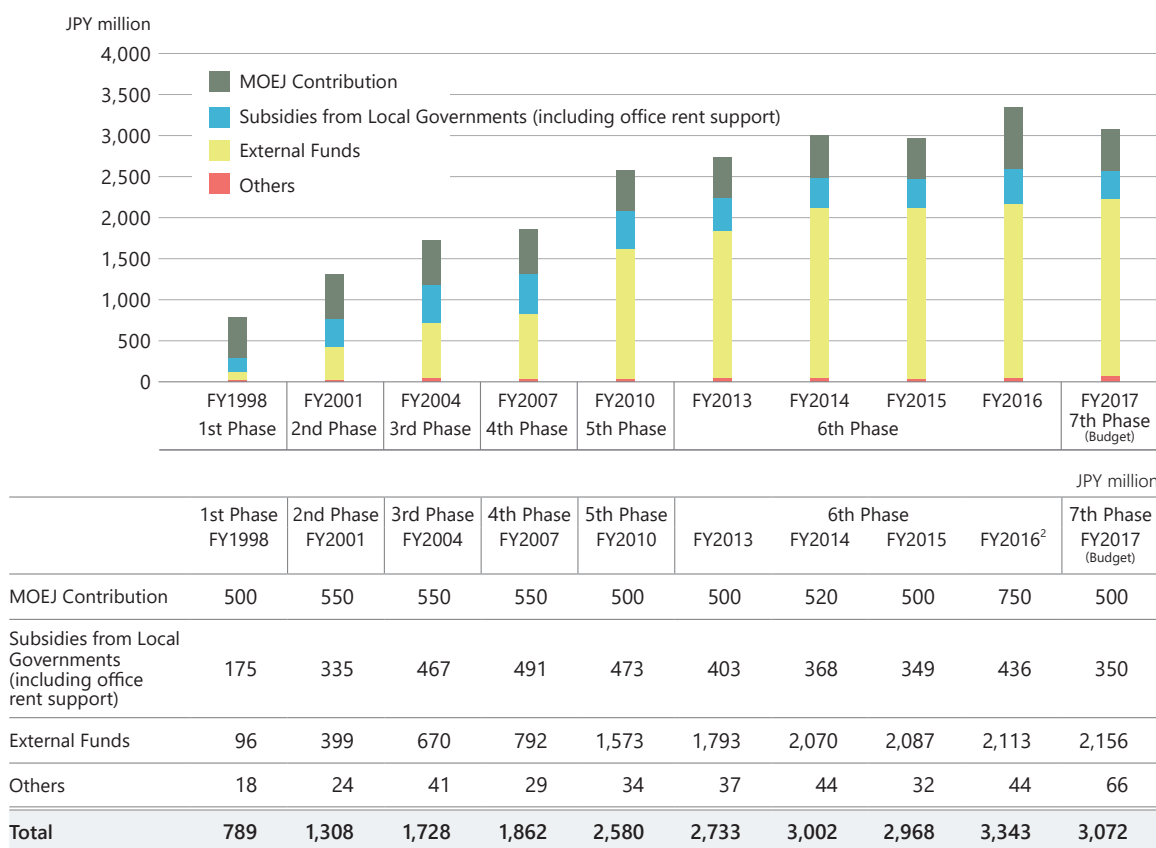
IGES has been conducting strategic policy research based on ISRP for each research phase of three years (four years from Sixth Phase).

	Outline ¹	URL
First Phase April 1998– March 2001	IGES started with five research projects, namely, Climate Change, Urban Environmental Management, Forest Conservation, Environmental Education, and Environmental Governance, with a New Development Patterns project being added in July 1998. The Capacity Building Programme developed an interactive educational programme with E-learning system combined with on-site workshops.	Research Report https://pub.iges.or.jp/pub/phase1_report_e ISRP https://pub.iges.or.jp/pub/phase1_plan_e
Second Phase April 2001– March 2004	The four projects of Climate Policy, Urban Environmental Management, Forest Conservation and Environmental Education as well as the Capacity Building Programme were continued. In addition, a new Business and the Environment project started at Kansai Research Centre. New Development Patterns and Environmental Governance from the First Phase were combined into the new Long-term Perspective and Policy Integration project, under which "Freshwater Resources Management" was first implemented as one of the sub-projects and later in November 2003 upgraded into a new project.	Peer Review Report https://pub.iges.or.jp/pub/phase2_peerreview_e Research Report https://pub.iges.or.jp/pub/phase2_report_e Interim Report https://pub.iges.or.jp/pub/phase2_interimreport_e ISRP https://pub.iges.or.jp/pub/phase2_plan_e
Third Phase April 2004– March 2007	The six projects of Climate Policy, Forest Conservation, Urban Environmental Management, Freshwater Resources Management, Business for Sustainable Society, and Long-term Perspective and Policy Integration were continued. In addition, the Clean Development Mechanism Programme started and was integrated into Climate Policy Project in 2006. The Programme Management Office was established in April 2006 to integrate cross-cutting research.	Peer Review Report https://pub.iges.or.jp/pub/phase3_peerreview_e Research Report https://pub.iges.or.jp/pub/phase3_report_e ISRP https://pub.iges.or.jp/pub/phase3_plan_e
Fourth Phase April 2007– March 2010	Seven projects of Climate Policy, Biofuels, Forest Conservation, Freshwater, Waste and Resources, Business and the Environment, and Capacity Development and Education were implemented in the Fourth Phase. The research focus of Urban Environmental Management up to the Third Phase was shifted to Waste and Resources, and other issues were integrated into Climate Policy and Freshwater. The Programme Management Office coordinated these seven projects and promoted cross-cutting research activities.	Peer Review Report https://pub.iges.or.jp/pub/phase4_peerreview_e Research Report https://pub.iges.or.jp/pub/phase4_report_e ISRP https://pub.iges.or.jp/pub/phase4_plan_e
Fifth Phase April 2010– March 2013	Research areas were categorised into three clusters of 1) issue-based, 2) discipline-based, and 3) stakeholder-based researches. Issue-based research included Climate Change, Natural Resources Management, and Sustainable Consumption and Production; discipline-based research covered Economy and Environment, and Governance and Capacity; and stakeholder-based research was conducted by enhancing functions of IGES satellite offices. The Programme Management Office coordinated the three clusters and conducted cross-cutting research related to such urgent issues as Great East Japan Earthquake of March 2011 as well as to Rio+20 in 2012.	External Review Report https://pub.iges.or.jp/pub/phase5_externalreview_e Research Report https://pub.iges.or.jp/pub/phase5_report_e ISRP https://pub.iges.or.jp/pub/phase5_plan_e
Sixth Phase April 2013– June 2017	The three aspects of sustainable development as Environment, Economy, and Society were studied under the seven research areas; Climate and Energy, Sustainable Consumption and Production, and Natural Resources and Ecosystem Services (Environment), Green Economy, and Business and Environment (Economy), and Integrated Policies for Sustainable Societies, and Sustainable Cities (Society). The Programme Management Office coordinated research projects under these areas.	External Review Report https://pub.iges.or.jp/pub/phase6_externalreview_e Mid-term Review Report https://pub.iges.or.jp/pub/phase6_midtermreview_e ISRP https://pub.iges.or.jp/pub/phase6_plan_e
Seventh Phase July 2017– June 2021	IGES began operations with three issue areas: Climate and Energy, Natural Resources and Ecosystem Services, and Sustainable Consumption and Production; two functional centres: Strategic and Quantitative Analysis, and Sustainability Governance; and three stakeholder taskforces: City, Finance, and Business. The Strategic Management Office was established to coordinate and manage these activities.	ISRP https://pub.iges.or.jp/pub/phase7_plan_e

¹ Excerpted from ISRP and other reports of each research phase

In Figures

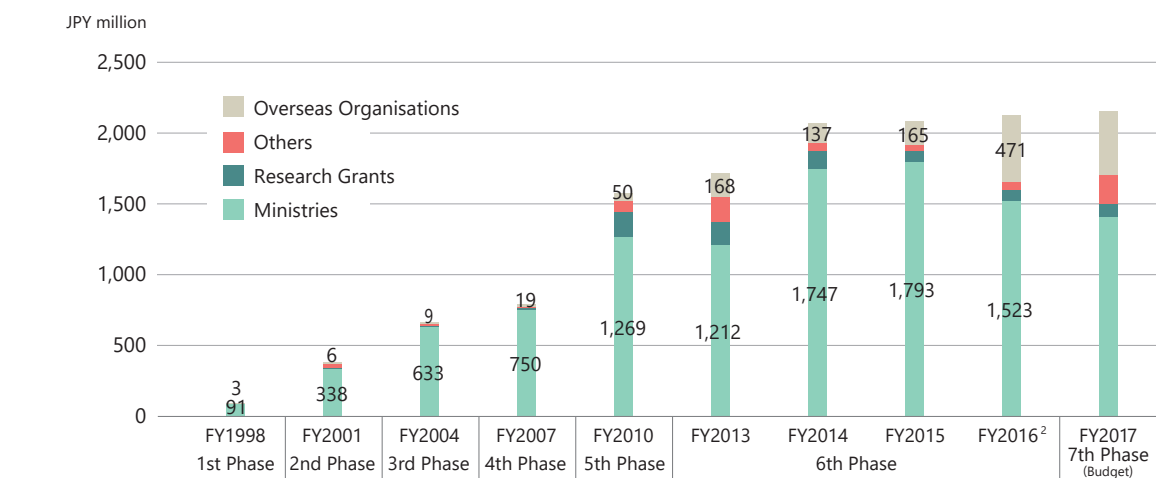
Income Trends¹



1 Categories show main operations of IGES. To show trends clearly, figures for the first fiscal year only is presented from First to Fifth Phase.

2 Due to a change in the business year cycle, FY2016 consists of 15 months from April 2016 to June 2017.

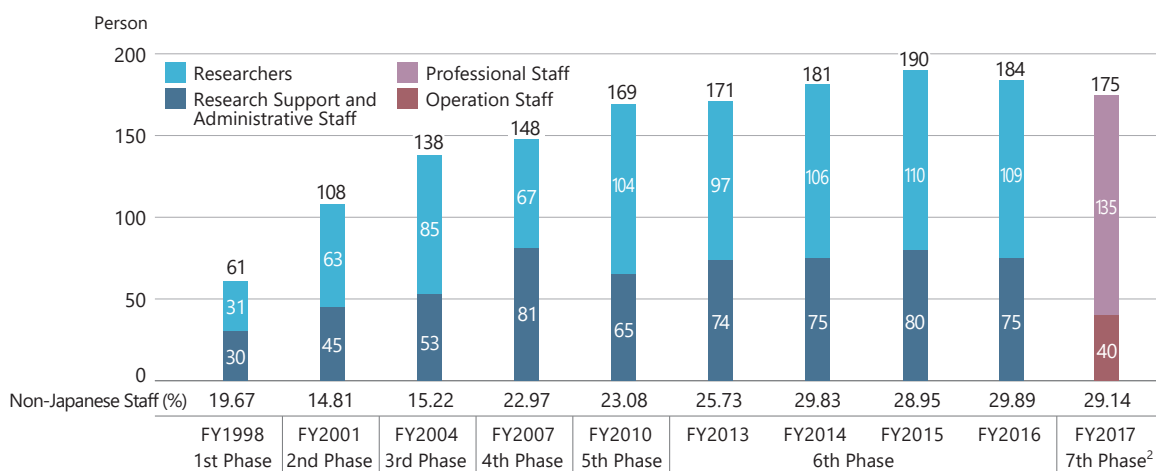
External Funds by Source¹



1 Breakdown of external funds. Figures show funding amounts from ministries and overseas organisations.

2 Due to a change in the business year cycle, FY2016 consists of 15 months from April 2016 to June 2017.

Number of Staff by Categories¹



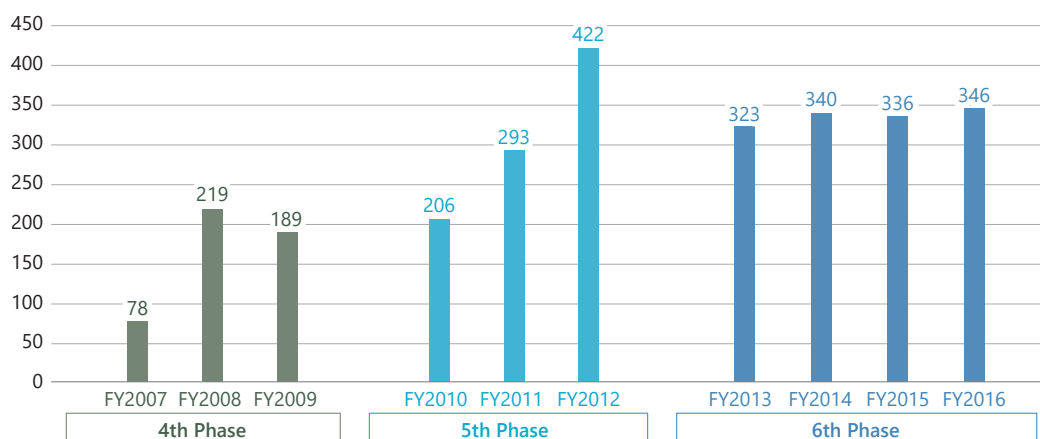
1 To show trends clearly, figures for the first fiscal year only is presented from First to Fifth Phase.

2 From the 7th Phase, staff are categorised as Professional Staff and Operation Staff for effective impact generation.

Research Outputs

Total Number of Publications in Each Fiscal Year

Research products and research-based policy proposals are publicised in various forms including reports, policy briefs, academic papers and commentaries, targeting international and domestic policy processes. The Clean Production System was introduced to control the quality of IGES publications from the planning phase and throughout the whole process of publication. In addition, internal and external experts are invited to peer-review IGES publications from a fair and diverse viewpoint.



* FY2016 consists of 15 months from April 2016 to June 2017.

IGES White Paper Series/Flagship Reports

IGES conducts interdisciplinary research/studies across respective research areas focusing on strategically important policy agenda in Asia and the Pacific. The results are published in the form of White Papers (2006–) and Flagship Reports (2015–).

IGES White Papers

<https://pub.iges.or.jp/pub/by/tags/iges-white-paper>



Volume 1



Sustainable Asia 2005 and Beyond: In the Pursuit of Innovative Policy

January 2006

This White Paper was intended to consolidate all the policy research conducted by IGES from 1998. Six sectors were covered - forestry, freshwater, climate change, urban environment, business and environmental education. A wide range of policy recommendations are now reflected in several national policy frameworks.



Volume 2

Climate Change Policies in the Asia-Pacific: Re-Uniting Climate Change and Sustainable Development

June 2008

The second White Paper anticipated the need to integrate climate change and sustainable development, perhaps reflected in the ultimate global agreements on the Sustainable Development Goals and the Paris Agreement. Ensuring that sustainable development and climate change provide a single pathway to development, not diverging tracks, remains an apposite issue for the region.



Volume 3

Sustainable Consumption and Production in the Asia-Pacific Region: Effective Responses in a Resource Constrained World

June 2010

Reflecting on the rapid population and economic growth in Asia, this White Paper tackled the crucial issue of sustainable consumption and production. It covered the main stakeholders (consumers, communities, governments, business and NGOs) and sectors (agriculture, forestry, water resources and energy) and cross-cutting themes like climate change and regional integration.



Volume 4

Greening Governance in Asia-Pacific

July 2012

This White Paper documented the need for significant governance reform in Asia-Pacific to achieve the global sustainable development goals. It stressed the need for networking and new governance arrangements, as the traditional silo approach of sector agencies will not be sufficient.



Volume 5

Greening Integration in Asia: How Regional Integration Can Benefit People and the Environment

July 2015

Picking up on an earlier theme, the fifth White Paper stressed the need for increased regional integration in Asia-Pacific to ensure development will be inclusive, resilient and sustainable.

IGES Flagship Reports



Achieving the Sustainable Development Goals: From Agenda to Action

July 2015

<https://pub.iges.or.jp/pub/achieving-sustainable-development-goals-agenda>

This report joined a timely discussion on how the SDGs can be implemented. It deals with how the globally agreed goals can be adapted to national and local circumstances, and what actions can pave the way for achieving them. More specifically, the report focuses on how reforms in governance—the way in which authority is exercised and decisions are taken and executed—can bring the SDG agenda into action.



The Paris Climate Agreement and Beyond: Linking Short-term Climate Actions to Long-term Goals

November 2015

<https://pub.iges.or.jp/pub/paris-climate-agreement-and-beyond-linking>

This report discusses possible ways to enhance the Parties' contributions to climate mitigation and finance, and draws lessons for the international negotiations leading up to the Paris climate agreement. Particular emphasis is placed on the importance of the dynamic nature of the climate regime, looking not only at the Paris climate agreement but also at the follow-up of the agreement (so-called "beyond").

Policy Brief

<https://pub.iges.or.jp/pub/by/tags/policy-brief>

IGES Policy Briefs were launched in 2005 aiming to enhance impacts on policy processes and international policy discussions through timely publication of research-based policy proposals.



No.	Title	Publication Date
1	Networking International Recycling Zones in Asia: Towards Improvement of Resource Efficiency and Solutions for Environmental Problems in Developing Countries	June 2005
2	Information Access as a Vehicle for Sustainable Development in Asia: Establishing Regional Agreement in Asia	October 2005
3	Combatting Forest Degradation - Certification as a Driving Force for Amelioration: Challenges for Small Forest Enterprises	March 2006
4	Rationalisation of Industrial Sector Water Use is the Key to Sound Groundwater Management	March 2006
5	Foreign Carbon Credit Purchasing Options Open to Japan to Achieve the Kyoto Target	December 2006
6	Designing Forestation Models for Rural Asia: Avoiding Land Conflict as a Key to Success	December 2007
7	Public Procurement Policies for Legal and Sustainable Timber: How to Strengthen Japan's Policy	July 2008
8	Eco-industrial Clusters: Enhancing Regional Economic Development through Environmental Linkages	September 2008
9	Reducing Waste through the Promotion of Composting and Active Involvement of Various Stakeholders: Replicating Surabaya's Solid Waste Management Model	April 2010
10	Renewable Energy: A Strategic Policy for Sustainable Development	October 2010
11	Customs Collaboration to Combat the International Trade in Illegal Timber	November 2010
12	Green Economy for Sustainable Development: Japan Should Lead the Policy Shift towards Global Poverty Alleviation	June 2011

13	Promoting Japanese Leadership through a Multi-Stakeholder Platform on International Environmental CSR: Linking Japanese Business-Industry, Civil Society, and Governmental Sectors to Strengthen Green Markets in East Asia	July 2011
14	EPR Policies for Electronics in Developing Asia: A Phase-in Approach	September 2011
15	Energy Market Integration in East Asia: What an Economic Analysis Tells Us?	October 2011
16	Environmental Performance Rating and Public Disclosure: Strategic Policy to Promote Corporate Environmental Management	October 2011
17	Upgrading the United Nations Environment Programme: A Phased Approach	February 2012
18	Practical Measures to Promote Japanese Local Governments' Environmental Collaboration with Developing Countries with Citizens' Support	April 2012
19	Technology Transfer as a Measure to Tackle Global Warming in Asia	May 2012
20	Long Term Electricity Scenario and Water Use: A Case Study on India	July 2012
21	Sustainable Management of Organic Waste: The Need for Coordinated Action at National and Local Levels	September 2012
22	Community-based Forest Monitoring for REDD+: Lessons and Reflections from the Field	October 2012
23	From NAMAs to Low Carbon Development in Southeast Asia: Technical, Mainstreaming, and Institutional Dimensions	October 2012
24	Towards Climate-Friendly Waste Management: The Potential of Integrated Municipal Solid Waste Management	October 2012
25	Classification of MRV of Greenhouse Gas (GHG) Emissions/Reductions: For the Discussions on NAMAs and MRV	November 2012
27	Impact of COP18 Decisions on Use of Kyoto Mechanisms by Japan	March 2013
28	Quality Education for Sustainable Development: A Priority in Achieving Sustainability and Well-being for All	April 2014
29	The Feasibility of Pricing of Carbon Emissions in Three Northeast Asian Countries: Japan, China and the Republic of Korea	May 2014
30	Designing and Implementing an Energy Goal: Delivering Multi-benefits for Sustainable Development	November 2014
31	Placing Water at the Core of the Sustainable Development Goals (SDGs): Why an Integrated Perspective is Needed	March 2015
32	新たな循環型社会に向けて：EU等における資源効率政策の動きから	October 2015
33	Barriers for Implementation of the Philippine National Solid Waste Management Framework in Cities	June 2016
34	SDGs, DRR and CCA: Potential for Strengthening Inter-linkages	July 2016
35	Strengthening the Linkages Between Air Pollution and the Sustainable Development Goals	July 2016
36	二国間クレジット制度（JCM）プロジェクト補助事業のリース事業に対する運用に関する提言	November 2016
37	Promoting the Landscape Approach in Asia-Pacific Developing Countries: Key Concepts and Ways Forward	May 2017
38	Strengthening the Integration of Climate Risks in the Banking Sector	July 2017
39	Improving Irrigation Water Use Efficiency Holds the Key to Tackling Water Scarcity in South Asia: Technical Potential and Financing Options	June 2017
40	Carbon Pricing to Accelerate the Diffusion of Low Carbon Technology in China	June 2017

International Forum for Sustainable Asia and the Pacific: ISAP

<https://www.iges.or.jp/isap/>

IGES has been organising the International Forum for Sustainable Asia and the Pacific (ISAP) once every year since 2009 (co-organised with UNU-IAS since 2011) to discuss pressing issues of Asia and the Pacific inviting front-line experts and diverse stakeholders from international organisations, governments, business and NGOs. In collaboration with the international/regional networks in which IGES plays an important role, ISAP aims to provide synergistic opportunities to boost information-sharing and discussions on timely topics as well as to strengthen linkages among participants.

2009 Towards Copenhagen: A New Development Pathway to a Low-carbon Sustainable Asia and the Pacific

<26-27 June 2009/Participants: 500> Under the main theme of "low-carbon development in Asia and the Pacific", ISAP2009 raised hot issues such as low-carbon economy, biodiversity, green consumption, REDD, biofuels, co-benefit approach and capacity development, and discussed based on IGES's latest research results to explore the solutions together with the audience.

2010 Sustainable and Low-carbon Development: Innovative Pathways for Asia-Pacific

<12-13 July 2010/Participants: 780> ISAP2010 focused on climate change and sustainable consumption and production (SCP), and the third IGES White Paper was also launched at this forum. Entitled "Sustainable Consumption and Production in the Asia-Pacific Region: Effective Responses in a Resource Constrained World" with unique insights and proposals on SCP.

2011 New Asia-Pacific Perspectives towards Rio+20: Implications of the East Japan Disasters

<26-27 July 2011/Participants: 850> Focusing on the Great East Japan Earthquake, ISAP2011 addressed the issues of resilience of our current political and social systems in the face of climate change and natural disasters. Also discussed were the issues of a green economy in the context of sustainable development and poverty eradication and the institutional framework for sustainable development.

2012 Steering towards a Sustainable and Resilient Future: Beyond Rio+20

<24-25 July 2012/Participants: 1,100> ISAP2012 focused on four timely issues - follow-up to Rio+20, climate change, resilience, and green economy, to exchange views among stakeholders for their better understanding on those issues.

2013 Paving the Way for a Sustainable Asia-Pacific: Regional Perspectives on Green Economy

<23-24 July 2013/Participants: 900> ISAP2013 shared information with various stakeholders on on-going international and regional discussions and actions that promote shifts toward green economy observed in the region and discussed possible pathways that the region could take toward an inclusive green economy.

2014 Bringing Regional Voices to the Post-2015 Development Agenda: Solutions for a Low-carbon, Resilient and Inclusive Asia-Pacific

<23-24 July 2014/Participants: 930> ISAP2014 discussed how we can build a low-carbon and resilient society through partnerships between governments, civil society, the private sector and other stakeholders. The knowledge acquired at ISAP2014 forms a message that the Asia-Pacific region can convey to regional and international processes and to consultations on the global development framework.

2015 Solutions for Change: Forging Multi-stakeholder Partnerships towards 2030

<28-29 July 2015/Participants: 1,200> ISAP2015, under the two major themes of climate change and SDGs, was an opportunity to discuss how to forge successful multi-stakeholder partnerships for sound implementation of two important agreements of the new climate regime and SDGs.

2016 Translating Knowledge into Actions towards 2030 and beyond

<12-13 July 2016/Participants: 1,100> ISAP2016 invited discussions on how we can ensure effective implementation of the two agreements at international, national and local/community levels, namely, the 2030 Agenda for Sustainable Development, including the Sustainable Development Goals (SDGs), and the Paris Agreement to deal with climate change.

2017 Transformational Changes: Putting Sustainability at the Heart of Action

<25-26 July 2017/Participants: 900> Facing climate change risks, ISAP2017 discussed critical issues with regard to business, finance, carbon pricing, technology transfer, local government roles, resource management and bio-diversity. Participants deepened the discussion on how to move initiatives forward, with the focus firmly on sustainability for the transformation of socio-economic systems.

Note: Held at Shonan Village Center (Hayama) only in 2009, and thereafter held at Pacifico Yokohama (Yokohama)

● Network/Partnership (As of March 2018)

● United Nations Units

- Intergovernmental Panel on Climate Change (IPCC) Task Force on National Greenhouse Gas Inventories (TFI) Technical Support Unit (TSU)
- IGES Centre Collaborating with UNEP on Environmental Technologies
- Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Technical Support Unit for the Regional Assessment for Asia and the Pacific (TSU-AP)
- United Nations Framework Convention on Climate Change (UNFCCC)-IGES Regional Collaboration Centre (RCC)

(in order of establishment)

● Networks to Which IGES Serves as the Secretariat

- Asian Co-benefits Partnership (ACP)
- Asian Environmental Compliance and Enforcement Network (AECEN)
- ASEAN SDGs Frontrunner Cities Programme
- Clean Asia Initiative (CAI)
- East Asia Summit (EAS) High-Level Seminar on Sustainable Cities (HLS-SC)
- International Institute for Applied Systems Analysis (IIASA) Japan Committee Secretariat
- International Research Network for Low Carbon Societies (LCS-RNet)
- Japan Climate Leaders' Partnership (Japan-CLP)
- Knowledge Hub of the Asia-Pacific Water Forum
- Low Carbon Asia Research Network (LoCARNet)
- SWITCH-Asia
- Water Environment Partnership in Asia (WEPA)

(in alphabetical order)

● Collaborative Agreement

International Organisations

- Asian Development Bank (ADB)
- Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
- International Council for Local Environmental Initiatives (ICLEI) – Local Governments for Sustainability
- ICLEI Japan
- International Institute for Sustainable Development (IISD)
- International Labour Organization (ILO)
- Secretariat of the Convention on Biological Diversity (SCBD)
- United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
- United Nations Environment Programme (UNEP)
- UNEP-International Environmental Technology Centre (UNEP-IETC)
- United Nations Framework Convention on Climate Change (UNFCCC) Secretariat <CDM data exchange>
- UNFCCC Secretariat <establishment of and collaboration through the UNFCCC-IGES RCC>

Research Collaboration

- Asia-Europe Foundation (ASEF) / Stockholm Environment Institute (SEI) / Hanns Seidel Foundation / Asia-Europe Meeting (ASEM) SMEs Eco-Innovation Center (ASEIC)
- Asian Institute of Technology (AIT)
- Conservation International (CI) and United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS)
- Institute for Inclusive Finance and Development (InM)
- International Centre for Integrated Mountain Development (ICIMOD)
- Korea Environment Institute (KEI)
- Ministry of Forests and Soil Conservation, Government of Nepal
- National Environment Commission (NEC), Royal Government of Bhutan
- National University of Laos
- Sino-Japan Friendship Center for Environmental Protection
- The Energy and Resources Institute (TERI)

Cities

- City of Yokohama (Y-PORT)
- Kawasaki City
- Shimokawa Town
- Toyama City

Universities

- Hiroshima University
- Nagoya University
- Tokyo City University
- Tokyo Institute of Technology
- Yokohama City University
- Yokohama National University

(in alphabetical order)

● Other (Membership, etc.)

- Japan Consortium for Future Earth
- Rockefeller Foundation 100 Resilient Cities Program
- Sustainable Development Solutions Network (SDSN) Japan
- United Nations Economic and Social Council (UNECOSOC)
- UNEP Finance Initiative (UNEP FI)
- United Nations Global Compact (UNGC) / Global Compact Network Japan (GCNJ) (in alphabetical order)

● Signatory Organisations and Institutions of the Charter for the Establishment of IGES

National Administrative Organisations (16)

- Department of the Environment, Water, Heritage and the Arts (Australia)
- Ministry of Environment (Cambodia) September 2000
- Environment Canada (Canada)
- Ministry of Environmental Protection (China)
- Ministry of Environment and Forests (India)
- State Ministry of Environment (Indonesia)
- Ministry of the Environment (Japan)
- Ministry of Environment (Korea) November 2001
- Water Resources and Environment Administration (Lao P.D.R.) June 2003
- Ministry of Natural Resources and Environment (Malaysia) September 2002
- Ministry of Nature and the Environment (Mongolia)
- Ministry of Environment, Science and Technology (Nepal) November 2001
- Ministry for the Environment (New Zealand)
- Department of Environment and Natural Resources (The Philippines)
- Ministry of Natural Resources and Environment (Thailand)
- Ministry of Natural Resources and Environment (Viet Nam) June 2004

International Organisations (6)

- International Tropical Timber Organization November 2004
- United Nations Centre for Regional Development
- United Nations Economic and Social Commission for Asia and the Pacific November 2005
- United Nations Environment Programme
- United Nations Institute for Training and Research
- United Nations University Institute for the Advanced Study of Sustainability

Research and Academic Institutions (26)

- Asia-Pacific Centre for Environmental Law (Singapore)
- Center for International Environmental Law (USA) August 2002
- 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 (UK)
- Institute of Southeast Asian Studies (Singapore)
- Institute of Strategic and International Studies (Malaysia)
- International Academy of the Environment (Switzerland)
- International Global Change Institute, Waikato University (New Zealand) September 2001
- International Institute for Applied Systems Analysis (IIASA) (Austria)
- International Institute for Environment and Development (IIED) (UK)
- International Institute for Sustainable Development (IISD) (Canada)
- Korea Energy Economics Institute (KEEI) (Korea)
- Korea Environment Institute (KEI) (Korea)
- National Institute for Environmental Studies (Japan)
- Potsdam Institute for Climate Impact Research (PIK) (Germany)
- Sino-Japan Friendship Center for Environmental Protection (China)
- Stockholm Environment Institute (SEI) (Sweden) February 2002
- Thailand Development Research Institute Foundation (Thailand)
- Thailand Environment Institute (Thailand)
- The Energy and Resources Institute (TERI) (India)
- VTT Technical Research Centre of Finland (Finland) December 2002
- World Resources Institute (WRI) (USA)
- Worldwatch Institute (USA) February 2004
- Wuppertal Institute for Climate, Environment and Energy (Germany)

(in alphabetical order / organisations with no date indicated have been signatories from the establishment of IGES)

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Kansai Research Centre

East Bldg. 5F, Disaster Reduction and Human Renovation Institution, 1-5-2,
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Japanese Center for International Studies in Ecology [JISE]

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