

2nd Announcement



17th World Lake Conference

(Lake Kasumigaura, Ibaraki, Japan, 2018)

Harmonious Coexistence of Humans and Lakes
- Toward Sustainable Ecosystem Services -

October 15-19, 2018

Tsukuba International Congress Center



<http://www.wlc17ibaraki.jp/en/index.html>

Host Organizations



Ibaraki Prefectural Government



The International Lake Environment Committee Foundation
(ILEC)

Co-Hosts

Ministry of Land, Infrastructure, Transport and Tourism (MLIT),
Ministry of the Environment (MOE), Ministry of Agriculture,
Forestry and Fisheries (MAFF), Tsuchiura City, Tsukuba City,
Kasumigaura City, Hokota City, Ibaraki Town, Mito City,
Council to Resolve Pollution Problem in Lake Kasumigaura,
The Association of Lake Hinuma, Registered Ramsar Site

17th World Lake Conference (Lake Kasumigaura, Ibaraki, 2018) Executive Committee

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Welcome Message



Governor, Ibaraki Prefecture
Chair, Executive Committee of
the 17th World Lake Conference

Kazuhiko Oigawa

Session on the theme of the future vision of Lake Kasumigaura to link to concrete action.

Technical Sessions will be divided up into a wide range of areas, from ecosystems and water quality, to technology, culture, and citizens' activities, to offer opportunities for more specialized and concrete presentations and discussions.

In addition to an Exhibition that will introduce advanced water purification technologies, we have also prepared a diverse program that includes excursions around Ibaraki's major lakes of Kasumigaura and Hinuma, as well as a conference for children who create the future.

Ibaraki Prefecture has developed through ecosystem services, the blessings of our lakes. We hope you will take this opportunity in visiting our prefecture to learn much about the varied and abundant attractions of the area offered here, including the collection of the world's top levels of science and technology in Tsukuba and the industrial clusters in the Hitachi and Kashima areas, as well as the area's agricultural, forestry, and fishery products, history, and culture, all nurtured in the environments of lakes of Kasumigaura and Hinuma, registered as a wetland site under the Ramsar Convention.

We are looking forward to your participation of many attendees at the 17th World Lakes Conference that we can discover new knowledge and open up avenues to future prospects.



President, International Lake Environment
Committee Foundation (ILEC)
Vice-Chair, Executive Committee of
the 17th World Lake Conference

Kazuhiko Takemoto

to climate change and ecosystem services. It is for the second time that Ibaraki Prefecture hosts the WLC. The international community recently draw its attention to the development of the basin management in Lake Kasumigaura as well as in Japan, and has shown its expectations for the forthcoming WLC.

We are looking forward to your participation.

It is a great honor to hold the World Lake Conference again in Ibaraki Prefecture after more than 20 years since the 6th World Lake Conference (Kasumigaura 1995) was held here.

At the World Lake Conference in the past, we have discussed how to solve the myriad environmental issues occurring in lakes around the world.

At the 17th World Lake Conference (Lake Kasumigaura, Ibaraki, Japan, 2018), a wide range of people involved with lakes and wetlands, including residents, people engaged in agriculture, forestry and fisheries, business owners, researchers, and the government, will gather together to share information and exchange ideas on what needs to be addressed in order for us to continuously enjoy the blessings of our lakes, under the theme of "Harmonious Coexistence of Humans and Lakes -Toward Sustainable Ecosystem Services-." We believe that this will further strengthen cooperation amongst stakeholders and lead to new developments in solving lake issues.

This year's conference will feature a Policy Forum with the participation of policymakers both in Japan and abroad, a Lakes Session to promote collaboration within and between basins by referencing best practices, and a Lake Kasumigaura

The International Lake Environment Committee Foundation (ILEC), based near Lake Biwa-Japan's largest lake, has promoted research and capacity development activities to support the sustainable management of lakes and their basins in cooperation with related organizations around the world. ILEC co-organized the World Lake Conference (WLC) with the host organizations every other year since its establishment in 1986.

Shiga Prefecture organized the Shiga Conference on Conservation and Management of World Lake Environment in 1984 (LECS' 84) together with its citizens who had pioneered to address environmental problems around Lake Biwa, and with a wide range of participants from academia and private sectors. LECS' 84 discussed the sustainable management of lakes which are valuable resources on our planet and a source of blessings for human life, and adopted "Lake Biwa Declaration," as its outcome.

The World Lake Conference (WLC) was organized in 15 cities in 10 countries where a wide range of stakeholders were able to engage in discussions and pass on recommendations for lake conservation to future generations. Over last 30 years, the scope of the Conferences has dynamically changed from water quality

17th World Lake Conference

(Lake Kasumigaura, Ibaraki, Japan, 2018)

Conference Aim

Water forms the basis of all life, and a variety of ecosystems that include humans have benefited greatly from it. Lakes are an invaluable resource for agriculture and fisheries, for industry, and for our culture, and the conservation of lake environments is of the utmost importance.

The 6th World Lake Conference, held in Ibaraki in 1995, adopted the theme “Harmonizing human life with lakes - toward the sustainable use of lakes and reservoirs”. Lake use, environmental conservation, the securement and management of freshwater resources, and the effects of eutrophication and chemical substances were discussed, and opinions exchanged with the aim of striving for harmony between humans and lakes. Furthermore, as a result of placing a focus on the undertaking of aquatic environment conservation activities and environmental education, a large number of river basin residents and citizens’ organizations participated in the conference, triggering an increase in citizen activities. Since the conference, a partnership between citizens, researchers, businesses, and government bodies has formed the basis of ongoing efforts to solve issues surrounding aquatic environments.

In recent years, topics related to ecosystems have been discussed at the World Lake Conferences. In 1992, The Convention on Biological Diversity was adopted based on the fact that biodiversity supports human existence and brings a variety of benefits to humanity, and plants and animals have no national borders so it is important that issues surrounding ecosystems are tackled globally. Countries around the world are mutually cooperating in research and information exchange.

Meanwhile, the Basic Law for Water Circulation came into force in Japan in July 2014 with the aim of comprehensively and integrally promoting policies concerning the water cycle in order to reassert that water is a resource that all humanity shares, to allow water to circulate healthily, and so that humanity can continue to enjoy the blessings that it brings. The law is based on fundamental concepts including the importance of the water cycle and integrated lake basin management, and establishes the respective responsibilities of local public organizations, businesses, and citizens, and the coordination and cooperation that should occur among them.

Humans have enjoyed the blessing of ecosystem services such as food and water supplied by ecosystems built on biodiversity. However, development activities and climate change have caused a drastic loss in biodiversity. At the 17th World Lake Conference, we will discuss how ecosystems can be maintained through greater conservation efforts – namely, the development of a society where humans and lakes can support each other and coexist in harmony. Furthermore, information sharing and opinion exchange around what measures need to be taken in order for humans to continue to sustainably enjoy ecosystem services will be held among people involved with lakes, including residents, those engaged in agriculture, forestry, and fisheries, businesses, researchers, and government agencies.

This conference is hoped to be a trigger for a variety of people to strengthen coordination with each other based on their individual responsibilities, bringing about new progress in the solving of lake-related issues.



Outline of the Conference

(1) Theme	Harmonious Coexistence of Humans and Lakes -Toward Sustainable Ecosystem Services-
(2) Conference Period	October 15 (Mon.) - 19 (Fri.), 2018
(3) Venue	Tsukuba International Congress Center
(4) Language	English / Japanese
(5) Host Organizations	Ibaraki Prefectural Government The International Lake Environment Committee Foundation (ILEC)
(6) Co-Hosts	Ministry of Land, Infrastructure, Transport and Tourism (MLIT) Ministry of the Environment (MOE) Ministry of Agriculture, Forestry and Fisheries (MAFF) Tsuchiura City / Tsukuba City / Kasumigaura City / Hokota City Ibaraki Town / Mito City Council to Resolve Pollution Problem in Lake Kasumigaura The Association of Lake Hinuma, Registered Ramsar Site
(7) Supported by	<p> UNDP Representative Office in Tokyo / Headquarters for Water-Cycle Policy / Ministry of Foreign Affairs / Japan Water Agency / Shiga Prefecture / Ibaraki Association of City Mayors / Ibaraki Association of Towns and Villages / Ibaraki-Association of Chairpersons of City Councils / Ibaraki Prefectural Association Chairmen of Town and Village Assemblies / Ibaraki River Association / Ibaraki Federation of Women's Organizations / Ibaraki Liaison Committee of Regional Women's Organizations / Ibaraki Prefectural Assembly "Daisuki Ibaraki" / 2018 Citizen's Association that works closely with the World Lake Conference / Ibaraki University / University of Tsukuba / National Agriculture and Food Research Organization / Public Works Research Institute / National Institute for Environmental Studies / Japan Science and Technology Agency / Japan Society of Civil Engineers / Japanese Society of Irrigation, Drainage and Rural Engineering / The Japanese Society of Fisheries Science/ Japan Water Works Association / The Institution of Professional Engineers, Japan / Japanese Association of Groundwater Hydrology / Japan Sewage Works Association / Japan Society on Water Environment / Japan Geoscience Union / Japanese Society of Soil Science and Plant Nutrition / The Ecological Society of Japan / The Remote Sensing Society of Japan / Association of Japanese Agricultural Scientific Societies / Society for Environmental Economics and Policy Studies / Ecology and Civil Engineering Society / The Japan Wetland Society / The Japanese Society for Environmental Education / The Ibaraki Shimbun / The Mainichi Newspapers / The Yomiuri Shimbun / Tokyo Shimbun (Mito Branch), Kyodo News / NHK (Mito Station) / IBS Co., Ltd. </p> <p>(as of March 7, 2018)</p>
(8) Side Events	<div> <div>Environmental events at satellite venues</div> <div>May 3 (Thu.) – October 13 (Sat.), 2018</div> </div> <div> <div>Student Conference</div> <div>October 14 (Sun.), 2018</div> </div> <div> <div>Optional Tours</div> <div>October 20 (Sat.) – 21 (Sun.), 2018</div> </div>

Conference Schedule

		Morning		Afternoon		Evening	All day	
Pre-Conference Programs	May 3 (Thu.) - October 13 (Sat.)	Environmental events at satellite venues						
	October 14 (Sun.)	Student Conference				Welcome Party	—	
	Participation Registration							
17th World Lake Conference (Ibaraki Kasumigaura 2018)	October 15 (Mon.)	Opening Ceremony	Ibaraki Kasumigaura Prize Award Ceremony	Keynote Speech	Lakes Session	Reception	Exhibition	
	October 16 (Tue.)	Policy Forum		Lakes Session		Workshop		
	Technical Sessions							
	October 17 (Wed.)	Excursion (Site Visit)					Workshop	—
	October 18 (Thu.)	Lake Kasumigaura Sessions					Participants' Get-Together	Exhibition
	Technical Sessions							
October 19 (Fri.)	Conference Summary		Closing Ceremony	—				
Post-Conference Programs	October 20 (Sat.) - 21 (Sun.)	Optional Tours						

Important Dates

March 30 (Fri.), 2018	: Deadline of primary application for Student Conference presentation
April 20 (Fri.), 2018	: Deadline for Lake Kasumigaura Session presenters
	: Deadline for Technical Session presenters
April 27 (Fri.), 2018	: Deadline for secondary application for Student Conference presentation
May 7 (Mon.), 2018	: Deadline for Workshop application
May 31 (Thu.), 2018	: Deadline to register for Exhibitions
Late June – Early July, 2018	: Notification of acceptance (Student Conference / Kasumigaura Session / Technical Sessions)*1
July 16 (Mon.), 2018	: Early registration closes
September 14 (Fri.), 2018	: Registration closes *2

*1 The date of notification of acceptance may differ from the dates mentioned above.

*2 Please register for excursion and optional tours with conference registration via online system. In case of many applicants, please understand that we might not be able to meet your requirement in some cases.

Program

(1) Opening Ceremony	<div>Date & Time</div> October 15 (Mon.), 2018 10:30 – 11:30 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center
(2) Ibaraki Kasumigaura Prize Award Ceremony	<p>Ibaraki Prefecture will award the Ibaraki Kasumigaura Prize (certificates of commendation and a supplementary prize) to up to 10 excellent proceedings papers submitted by participants from the countries and regions.</p> <div>Date & Time</div> October 15 (Mon.), 2018 11:30 – 12:00 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center
(3) Keynote Speech	<div>Date & Time</div> October 15 (Mon.), 2018 13:10 – 14:10 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center Speaker : Nobuo Mimura (President, Ibaraki University)
(4) Policy Forum	<p>Based on the presentation, coordinators will have a panel discussion, and wrap up the forum giving direction for future conservation of the lake environment.</p> <div>Date & Time</div> October 16 (Tue.), 2018 9:30 – 12:00 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center <div>Presentation</div> <p>Presenters : Kazuhiko Oigawa (Governor, Ibaraki Prefecture) 3 National Policy managers from -Ministry of Land, Infrastructure, Transport and Tourism (MLIT) -Ministry of the Environment (MOE) -Ministry of Agriculture, Forestry and Fisheries (MAFF) Policy managers from overseas -Keith Alverson (Director, United Nations Environment International Environmental Technology Center) -1 other</p> <div>Discussion</div> <p>Coordinator : Saburo Matsui (Chairman, 17th World Lake Conference Steering Committee) Panelists : From the above presenters.</p> <div>Theme</div> Discuss the main theme “Harmonious Coexistence of Humans and Lakes” as policy managers.
(5) Conference Summary	<div>Date & Time</div> October 19 (Fri.), 2018 10:00 – 12:00 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center
(6) Closing Ceremony	<div>Date & Time</div> October 19 (Fri), 2018 13:00 – 14:00 <div>Venue</div> Main Convention Hall, Tsukuba International Congress Center

(7) Lakes Session

Citizens, administrators, researchers, and other individuals concerned of lake regions in Japan and other countries will discuss and share their specific and common problems, achievements and challenges in various aspects of lake basin management.

Date & Time	October 15 (Mon.), 2018 14:30 – 17:00 (Oversea Lakes) October 16 (Tue.), 2018 13:10 – 17:00 (Domestic Lakes)
Venue	Main Convention Hall, Tsukuba International Congress Center
Theme	“Harmonious Coexistence of Humans and Lakes -Collaboration within Lakes basin towards Sustainable Ecosystem Services-”

World Lakes Session

Case Study Presentation

Introduction of case studies in Oceania, Africa, and Latin America regarding the current state future development and the procedure of lake basin management.

Presenters : Colin Finlayson (Professor, Charles Sturt University, Australia)
Daniel Olago (Professor, University of Nairobi, Kenya)
Alejandro Juárez (Chief Executive Officer, Institute Corazon de la Tierra, Mexico)

Panel Discussion

Discussion on the movement of lakes in the world and ecosystem services.

Coordinator : Masahisa Nakamura (Vice president, International Lake Environment Committee Foundation (ILEC))

Panelists : Ajit Pattnaik (Vice president, Wetlands International South Asia, India)
Walter Rast (Professor Emeritus, Texas State University, United States of America)
Colin Finlayson (Professor, Charles Sturt University, Australia)
Daniel Olago (Professor, University of Nairobi, Kenya)
Alejandro Juárez (Chief Executive Officer, Institute Corazon de la Tierra, Mexico)

Japanese Lakes Session

Case Study Presentation

Presentation on presence and policies of collaborated activities towards sustainable ecosystem services by each organizations for their lakes and future prospects for resolution and challenges.

Presenters : From Satellite Venue (Ibaraki Town (Hinuma))
From Satellite Venue (Mito City (Lake Senba))
From International Volunteer University Student Association
Akihiko Kondo (Professor, Chiba University)
From Hitachi, Ltd.
From Shiga Prefecture
From Semboku City, Akita Prefecture

Panel Discussion

Discussion on how to collaborate among related organizations to promote the collaboration within lakes basin towards sustainable ecosystem services.

Coordinator : Takehiko Fukushima (President, Ibaraki Kasumigaura Environmental Science Center)

Panelists : Masahisa Nakamura (Vice President, International Lake Environment Committee Foundation (ILEC))
(Water Environment Management Division, Environmental Management Bureau,
Ministry of the Environment)
(River Environment Coordination, River Environment Division,
Water and Disaster Management Bureau, Ministry of Land, Infrastructure,
Transport and Tourism(METI))
Shinji Ide (Professor, The University of Shiga Prefecture)
Noboru Okuda (Assistant Professor, Research Institute for Humanity and Nature)
(International Volunteer University Student Association)
(Hitachi, Ltd.)

(8) Lake Kasumigaura Session

Stakeholders in the Kasumigaura region will discuss specific actions in effort to maintain sustainable ecosystem services.

Date & Time October 18 (Thu.), 2018 9:30 – 17:00
(Poster Presentation 12:00 – 14:00)

Venue Main Conference Hall, Tsukuba Congress Center
(Poster Presentation in front of the Main Conference Hall “Foyer”)

Theme “Future Vision of Lake Kasumigaura”

Case Study Presentation

Case 1 : Presentation on the shift and achievements of activities in Lake Kasumigaura and the development of solutions for ongoing issues since the 6th World Lake Conference.

Presenters : Ibaraki Prefecture
Ibaraki Kasumigaura Environmental Science Center
Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure,
Transport and Tourism

Case 2 : Current situation, issues and solutions in Lake Kasumigaura by those who have benefitted from the lake

Presenters : Ichiro Ito (Group leader, a study group of Kasumigaura Fisheries in the Kasumigaura Fisheries
Cooperative)
Masami Iida (Section of lotus root in Japan Agricultural Cooperatives Tsuchiura)
 (Kashima Works, Nippon Sumikin Co., Ltd.)
 (Kasumigaura Mirai Creation Company)
Masako Fujiwara (President, Ibaraki Life School Liaison Committee)

Case 3 : Presentation by residential groups and summary of the satellite venues

Presenters : 2018 Citizen's Association that works closely with the World Lake Conference
Satellite Venue (Tsuchiura City)
Satellite Venue (Kasumigaura City)
Satellite Venue (Hokota City)
Students (High School)

Panel Discussion

Discussion the specific actions towards sustainable ecosystem services with sharing the problems and issues in Lake Kasumigaura throughout the case studies.

Coordinator : Takehiko Fukushima (President, Ibaraki Kasumigaura Environmental Science Center)

Panelists : Masahisa Nakamura (Vice President, International Lake Environment committee Foundation(ILEC))
(Ibaraki Prefecture)
(Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land,
Infrastructure, Transport and Tourism)

Ichiro Iida (Group leader, a study group of Kasumigaura Fisheries in the Kasumigaura Fisheries
Cooperative)
(Kashima Works, Nippon Sumikin Co., Ltd.)
(Kasumigaura Mirai Creation Company)
(2018 Citizen's Association that works closely with the World Lake Conference)

Poster Presentation

Residents, government agencies, and researchers will present their effort of activities and research results to show their efforts in preserving water environment quality of Lake Kasumigaura and its basin.

(9) Technical Sessions (Oral / Poster)

Researchers and civil groups will present and discuss their papers and activity results.

Date & Time October 16 (Tue.), 18 (Thu.), 2018 9:00 – 17:00
(Poster Presentation 16 (Tue.) 9:00 – 18 (Thu.) 15:00)

Venue Tsukuba International Congress Center, Conference Hall 200,
Conference Rooms 201A, 201B, 202A, Conference Hall 300, Conference Rooms 303, 304, 404, 406
(Poster Presentation : Conference Rooms 101, 102)

Technical Session 1 : Biodiversity and Biological Resources

This session focuses on evaluation and conservation issues regarding biodiversity and biological resources services in lakes, wetlands, rivers and riparian areas.

Overseas Presenter : TBC

Domestic Presenter : Noriko Takamura (Fellow, Center for Environmental Biology and Ecosystem Studies, Japan)

KEYWORDS

biodiversity evaluation, endangered species, invasive alien species (IAS), ecosystem functions, ecosystem services, ecological network, ecosystem management, nature restoration, biological resource use, fisheries

Technical Session 2 : Sustainable Use of Freshwater Resources

This session focuses on the sustainable utilization of freshwater resources, delving into discussion of water quantity-related matters such as the regulation functions of river flow and water balance in watersheds; water quality related matters such as pollution and sediment loads from basins; pollution by chemical compounds; eutrophication; and lake management.

Overseas Presenter : András Szöllösi-Nagy (Professor, National University for Public Service,
Sustainable Water Future Programme, Hungary)

Domestic Presenter : Tsugihiko Watanabe (Professor, Kyoto University, Japan)

KEYWORDS

wise use and development of water resources, groundwater and surface water, water quality problems and pollution concerning water use, effects of sediment, effects of climate change, future scenarios of surface waters

Technical Session 3 : Water Quality and Ecosystem Functions of Lake Environments

This session discusses lake ecosystems' functions such as water quality purification capacity, primary production, organic matter degradation, sediment oxygen consumption, sediment release, and other matters pertaining to water quality in lake and other lentic environments.

Overseas Presenter : Fengchang Wu (Professor, Chinese Research Academy of Environmental Sciences, China)

Domestic Presenter : Shinichi Nakano (Professor, Kyoto University, Japan)

KEYWORDS

lake ecosystems functions, water pollution, water quality, purification capacity, water quality management, primary production, degradation, sediment release, nutrient dynamics, hypoxia, transparency, eutrophication, harmful algal bloom, climate change

Technical Session 4 : Lakeside History and Culture

This session focuses on the wide variety of the roles that lakes play in regard to such topics as history, culture, lifestyles, tourism, and recreation.

Domestic Presenter : Shinji Isoya (President, Fukui Prefectural University, Japan)

Domestic Presenter : Katsumi Yasumura (Professor, Otemom Gakuen University, Japan)

KEYWORDS

riparian areas, recreation, tradition, culture, community, community morale, landscape, tourism, nature hospitality, regional belief, SATOYAMA, Ramsar Convention, local economy and water transportation, community development

Technical Session 5 : Regional Activities and Matter Cycles

This session discusses the nitrogen and phosphorus cycle, and the dynamics of chemical substances, with a focus on how human activities can impact the material cycle in lakes and their basins.

Overseas Presenter : TBC

Domestic Presenter : Nobuhito Ohte (Professor, Kyoto University, Japan)

KEYWORDS

nitrogen and phosphorus cycle, chemical substances, point and non-point source pollution, regional atmospheric environment practices, land use management, food production, biomass, forest and SATOYAMA management

Technical Session 6 : Monitoring Based on Scientific Knowledge

This session focuses on lake and river water quality and ecosystem monitoring techniques, discussing new knowledge-based techniques and the supporting advanced technologies and analytical practices utilized.

Overseas Presenter : David Hamilton (Professor, Griffith University, Australia)

Domestic Presenter : Atsushi Tanaka (Manager, National Institute for Environmental Studies, Japan)

KEYWORDS

water quality instruments, monitoring technologies for lakes and/or rivers (including remote sensing, GIS), monitoring technologies for ecosystems, monitoring system, data analysis technologies and modeling

Technical Session 7 : Countermeasures and Technologies for Sustainable Use of Ecosystem Services

This session discusses various countermeasures and technology to harness ecosystem services sustainably in the future. They include structural and non-structural measures such as effluent regulation, domestic wastewater control, control of wastes from agriculture and livestock, runoff quality control, technologies for water purification and wastewater treatment, in-lake restoration technology, and economic incentive measures.

Overseas Presenter : Brian J. D'arcy (Independent Environmental Consultant, The UK)

Domestic Presenter : Mitsumasa Okada (Vice President and Director, Open University of Japan, Japan)

KEYWORDS

effluent regulation, domestic wastewater control, control of point and non-point source pollutions, in-lake restoration, water purification and wastewater treatment, management based on environmental capacity, appropriate technologies for developing regions, non-structural measures, economic incentive measures

Technical Session 8 : Citizens' Activities and Environmental Education

This session focuses on citizen activities and involvement, and environmental education, exploring region-based practices to ensure better lakes and basins for future generations.

Overseas Presenter : Chitchol Phalaraksh (Assistant Professor, Chiang Mai University, Thailand)

Domestic Presenter : Kazuyuki Miage (President, Miyagi University of Education, Japan)

KEYWORDS

citizen participation, collaboration, SATOYAMA (community forest) conservation, get-close-to-water activities, community revitalization, community building, communication, capacity building, curriculum development, awareness, advocacy, consensus building, nature conservation, SDGs

Technical Session 9 : Integrated Lake Basin Management (ILBM)

This session discusses various ways for lake the basin stakeholders to collectively pursue Integrated Lake Basin Management (ILBM) through incremental, sustained and long-term improvement of basin governance, prospectively resulting in successful conservation and improvement of basin ecosystem services.

Overseas Presenter : Jaime "Joey" C. Medina (The General Manager, Laguna Lake Development Authority, Philippines)

Domestic Presenter : Norio Nakatsuka (Secretary General, Union of Kansai Governments, Japan)

KEYWORDS

lake and basin management typologies, Integrated Lake Basin Management (ILBM), Integrated Lentic and Lotic Basin Management (ILLBM), basin management for sound water circulation, basin governance, heart ware approach, Ecosystem Services and basin management policies, climate change adaptation and disaster risk reduction, lake basin databases and knowledge

(10) Exhibition	<p>Companies and research institutes will exhibit their activities and studied cases on “Monitoring Based on Scientific Knowledge” and “Countermeasures and Technologies for Sustainable Use of Ecosystem Services”.</p> <p>Date October 15 (Mon.) – 19 (Fri.), all day (excluding 17 (Wed.))</p> <p>Venue Multi-Purpose Hall, Tsukuba International Congress Center</p>
(11) Exhibition of Activities by Hosts	<p>Introduction to water quality conservation plan in Lake Kasumigaura and others, efforts of utilizing forest and lake environmental taxes, monitoring results of inflowing river to Lake Kasumigaura, and role and activities of Kasumigaura Environmental Science Center</p>
(12) Social Events A. Welcome Party	<p>Prior to the conference, a welcome party will be held. Light meals (snacks) and drinks will be served. Please feel free to attend the party to socialize with other participants.</p> <p>Date October 14 (Sun.), 2018 evening</p> <p>Venue “Shinonome”, Hotel Grand Shinonome</p> <p>Ticket 5,000 JPY Please register together with your conference participation registration.</p>
B. Participant Get-Together	<p>The night before the last day of the conference, networking event for participants will be held. Light meals (snacks) and drinks will be served. It will be the last social event during the conference to exchange views beyond culture and background, while reflecting on the conference.</p> <p>Date October 18 (Thu.), 2018 evening</p> <p>Venue Conference Rooms 101, 102, and Entrance Hall Tsukuba International Congress Center</p> <p>Ticket 5,000 JPY Please register together with your conference participation registration.</p>
Please note that the Reception (on October 15) will be open only for invitees.	
(13) Workshops	<p>Public space will be available for participants to have opportunities to actively deepen and expand their discussion on themes of main programs (Lake Kaumigaura Session, Lakes Session, and Technical Sessions) and intercrossed themes of them.</p> <p>Date & Time October 16 (Tue.), 17 (Wed.) 18:00-20:00</p> <p>Venue Conference Rooms (Medium) 201A, 201B, 202A Conference Rooms (Small) 303, 304, 404, 406 Tsukuba International Congress Center</p>

(14) Excursions

Visits to facilities related to environment of Kasumigaura basin, Lake Senba and Hinuma Lake

Kasumigaura Course

Outline

Excursion to national and prefectural facilities related to the activities of water environment conservation

Presentations

Venue : Ibaraki Kasumigaura Environmental Science Center

-Welcome Lunch

-Presentation

Introduction of water environment conservation by measures related organization.

- Ibaraki Kasumigaura Environmental Science Center
- Ibaraki Prefecture
- Ibaraki Nature Museum
- Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism

-Panel exhibition and opinion exchange

Site Visit

-Nature Restoration Project of Lake Kasumigaura

-*Hobikisen* (the cloth sailboat)

-Ibaraki Prefectural Southern District Waterworks office (water purification plant)

-Ibaraki Prefectural Kasumigaura Purification Center (sewage plant)

-Lake Kasumigaura Direct Purification Test Facility



Kitaura, Lake Senba and Hinuma Course

Outline

Introduction of Ramsar Convention registered site, Lake Hinuma and its related organization, and site visits to Kitaura, Hinuma and Lake Senba

Presentations

Venue : Ikoinomura Hinuma

-Welcome Lunch

-Presentation

Introduction to activities of Ramsar Convention by related organization.

- Ibaraki Kasumigaura Environmental Science Center
- The Association of Lake Hinuma, Registered Ramsar Site
- The Promotion Committee of Hinuma Ramsar Site
- Clean-up Hinuma Network

-Panel exhibition and opinion exchange

Site Visit

-Kitaura

-Hinuma Nature Park

-The Kasumigaura Water Conveyance Project

-Lake Senba, etc.



Pre-Conference Programs

1 Student Conference

We are inviting organizations to take part in a “Student Conference”, organized as a part of the program. The aim is to raise the awareness of young people, who are the leaders of the next generation, about the water environment, and to encourage a sense of love for their hometown where they can be proud of the lakes and the water environment that are familiar to them.

Date & Time October 14 (Sun.), 2018 10:00 – 17:00

Venue Main Convention Hall, Convention Hall 200, 300, Tsukuba International Congress Center
(Poster Session : Conference Room 101, 102, 201, 202)

Participation fee Free

Theme Research and Activity Theme :
“Nature related to water and lakes, natural blessings”
Discussion Theme :
“Natural Blessings: Water that nurtures Life - A Future to Live Together -”

Application

Eligibility : Applicants may refer to the following reference table.

	Ages as of April 1, 2018
Childrens' Conference	6 to 11
Youth Conference I	12 to 14
Youth Conference II	15 to 17

There is no stipulation on the number of presenters and people engaged in research. Research and presentations in class units or grade-level units are also possible.

How to apply : Please download the application forms from the website below and follow the instruction.

<http://www.wlc17ibaraki.jp/en/student.html>

How to submit : Please submit your application to the secretariat below via email or Fax.

Submit to : The 17th World Lake Conference (Lake Kasumigaura, Ibaraki, 2018)
Executive Committee Secretariat (Environmental Management Division, Ibaraki Prefecture)
978-6 Kasahara-cho, Mito City, Ibaraki 310 - 8555 Japan
TEL : +81-29-301-2995/FAX : +81-29-301-2969

Application period : November 1 (Wed.), 2017 - March 30 (Fri.), 2018

Selection

Notification of Review Results : The participating organizations will be decided after reviewing the summary of each research/activity. Regardless of the results, all applicants will receive the review results.

Notification of Results : Late June – Early July, 2018

Presentation

Presentation Types : • Oral (7 mins. Presentation and 3 mins. Q&A)
• Poster (Panel Exhibition, W90cm × H210cm)

2 Satellite Venues

Environmental events (Environment Festival, symposiums etc.) will be held in cooperation with citizens groups and more organizations in five cities and towns neighboring Lake Kasumigaura, Lake Hinuma and Lake Senba (Tsuchiura City, Kasumigaura City, Hokota City, Ibaraki Town and Mito City). The achievements of activities will be announced at Lake Kasumigaura Session and Lakes Session (at the main venue in Tsukuba International Congress Center).

Tsuchiura City

Citizens Festival in Swimmable Kasumigaura



Date July 16 (Mon.), 2018

Venue National Dormitory Site in Riverside (Oiwater, Tsuchiura City)

- High school student in Ibaraki will discuss “the future of lakes and lake basins” as “High School Conference”
- Poster exhibition on the theme of Nature and Environmental Science by junior and high school students

Summer Festival in Ibaraki Kasumigaura Science Center



Date August 25 (Sat.), 2018 (tentative)

Venue Ibaraki Kasumigaura Environmental Science Center (Okijukumachi, Tsuchiura City)

- Report on the outcomes of the High School Conference
- Panel discussion on the activity report of the future of lakes and the basins by citizens' group in Kasumigaura

Satellite Tsuchiura Main Events



Date October 13 (Sat.), 2018

Venue L'AUBE (Main Venue), Tsuchiura Port, J:COM Stadium, Arcus Tsuchiura, others

- Citizens' groups, government, and companies will have panel exhibitions, oral presentations, and opinion exchanges in regards to their activities in Kasumigaura.
- Coastal levee wall art, lake photo exhibition, picking up waste (garbage) by dust control volunteer corps, canoe and yacht experience, sightseeing boat, Live performance of “Tsuchiura Suki! (We love Tsuchiura)”, 13th Tsuchiura Environment Exhibition, and more

Kasumigaura City

Hobikisen Festival in WLC



Date May 3 (Thu.), 2018

Venue Ayumizaki Park (Saka, Kasumigaura City)

- Exhibition of *Hobikisen*, operation of *Hobikisen* and viewing by a consort ship, movie of introduction of *Hobikisen*, and a workshop for making a miniature of *Hobikisen*
- Tasting of fishery food
- Exhibition of purification technology of household effluent

Lecture and Symposium on *Hobikisen* “*Hobikisen* and fish food culture in Kasumigaura”



Date Middle of September, 2018

Venue Rural Environment Improvement Center, Museum of History (Saka, Kasumigaura City)

- Discussion by researchers of fishery and fish food culture, fish processing and food coordinator to seek new symbiotic relationships
- Memorial special exhibition of “History of the role of *Hobikisen* in Japanese Fishery” for the World Lake Conference (September-November)

Hokota City

Hokota City World Lake Conference Satellite Venue



Date September, 2018

Venue Hokota Comprehensive Park and others (Toma, Hokota City)

- Environmental case study presentation by elementary, junior and high school student
- Panel exhibitions on activities of citizens
- Participation in civic activities
 - ▷ Experience learning along the Tomoe River forest and water
 - ▷ Going for a Nordic walk to observe the nature of Kitaura
 - ▷ Nature observation of *Fuyumizutanbo* (which is rice paddies that kept water during winter to enrich the soil by living nature) and Kitaura
 - ▷ Observation of living organisms and plants in Kitaura

Ibaraki Town

4th Lake Environment Festival Ramsar Symposium in Hinuma



Date September 30 (Sun.), 2018 (tentative)

Venue Hinuma Nature Park (Nakaishizaki, Ibaraki Town)

- The symposium is themed on the registration for Ramsar Convention of Hinuma
- Case study presentations by elementary and high school students
- Panel exhibitions of environmental groups, companies, and governmental associations on their effort activities in the Hinuma region and fish-related effort activities
- Tasting of shijimi (freshwater clam) and agricultural products
- Aerial observation of Hinuma area by a hot air balloon, observation of Hinuma by a *YAKATABUNE* (a classic low barge style boat)
- Goby (Haze) fishing experience

Mito City

Mito City Environment Fair



Date June 3 (Sun.), 2018

Venue Senba Park (Senbachō, Mito City)

- Symposium by students (elementary/junior high/high/university), companies, citizen group, and others
- Experience events (boats/making a biotope/fishing exotic species)
- Science show

Post-Conference Programs

Optional Tours

Contents

Sightseeing tours to enjoy the charm of Ibaraki

Courses

6 courses (1day course: 4 courses, 2-day course: 2 courses)

Registration

Please register to the tours from the online World Lake Conference Optipnal Tour registration after the conference registration.

The registration will start in the middle of February, 2018.

Please check the details of each course on the website.

(1) One Day Course, October 20 (Sat.), 2018

① Enjoy Ocean in Ibaraki

Destination : Hitachi Seaside Park,
Naka-Minato Fish Market (lunch)
Aqua World Ibaraki Prefectural Oarai Aquarium,
Ooarai Maiwai Market

Capacity : 40 persons (minimum 30)

③ Visit to Tsumugi no Yakata, UNESCO Intangible Cultural Heritage, & Museum Park

Destination : Tsumugi no Yakata, Beers Park Shimotsuma (lunch),
Michi-no-Eki Shimotsuma,
Ibaraki Nature Museum

Capacity : 40 persons (minimum 30)

② World's Largest Ushiku Daibutsu & Autumn seasonal flavor and fruit picking experience.

Destination : Ushiku Daibutsu, Ushiku Chateau (lunch),
fruit picking

Capacity : 40 persons (minimum 30)

④ Visit Ibaraki's Tasty Food and Power Spots

Destination : Myoginohana, Namegata Farmers Village (lunch),
Kashimajingu-Shrine, Sake Brewery Tour

Capacity : 40 persons (minimum 30)



①Hitachi Seaside Park



②Ushiku Daibutsu



③Ibaraki Nature Museum



④Kashimajingu-Shrine

(2) Two Days Course, October 20 (Sat.) – 21 (Sun.), 2018

① Let's get close to Northern Ibaraki in Autumn

Destination : Hitachi-aki-soba, (buckwheat noodle) at Nishiyamasou restaurant (Lunch),
Ryujin Big Suspension Bridge,
Daigo Hot Spring (lodging)
Fukuroda Falls, Tsukimachi Falls, Michi-no-Eki Daigo

Capacity : 20 persons (minimum 15)

② Lake Tazawa (Akita), secret springs in Japan : Nyuto Hot Spring Town

Destination : Lake Tazawa Kunimasu Miraikan, Lake Tazawa,
Nyuto Hot Spring Town (lodging)

Capacity : 15 persons (minimum 10)



①Fukuroda Falls



②Lake Tazawa

(3) Sightseeing in Tsukuba City and vicinity (Mount Tsukuba, Tsukuba City research organizations, and others)

Please refer to the following sites:

-General Association Tsukuba Tourism Convention Association : <http://www.ttca.jp>

-Tsukuba Science Tour Office : <https://www.i-step.org/tour/index.html> (Japanese Only)

Call for Proposals

We will hold the following conference programs in which general participants (organizations) may present their proposals:

Please refer to our official website for submission of your proposals for Technical Sessions or the Kasumigaura session, and follow the instructions below.

1 Technical Sessions (Oral or Poster Presentation)

Guideline for applicants

- How to apply >>> <http://www.wlc17ibaraki.jp/en/technical.html>
Create your personal account on the website, and submit your abstracts and proceedings (in the specified format) by the deadline.
- Deadline >>> April 20 (Fri.), 2018

Selection

- Selection >>> All abstract will be reviewed and the results will be announced to the applicants. Presenters might be asked to present at different session or in a different format (oral ↔ poster) from their original request.
- Results >>> Late June to Early July, 2018 (tentative)

Presentation

- Presentation Style >>> Oral Presentation (15 mins. presentation and 5 mins. Q&A)
Poster Presentation (Panel Size: W90cm × H210cm)

2 Lake Kasumigaura Session (Poster Presentation)

Guideline for applicants

- How to apply >>> <http://www.wlc17ibaraki.jp/en/kasumigaura.html>
Create your account on the website, and submit your abstracts and proceedings (in the specified format) by the deadline.
- Deadline >>> April 20 (Fri.), 2018

Selection

- Selection >>> All abstracts will be reviewed and the results will be announced to the applicants.

Presentation

- Presentation Style >>> Poster Presentation (Panel Size: W90cm × H210cm)

Poster Presentation

Residents, government agencies, and researchers in the Kasumigaura region will present ongoing activities and research results.

Call for Exhibitions

How to apply	>>> http://www.wlc17ibaraki.jp/en/exhibition.html Please download the exhibition guide from the official homepage. Fill in the application form and send it to the secretariat via mail, e-mail or fax.
Deadline	>>> May 31 (Thu.), 2018
Exhibition Fee	>>> Private company exhibition : 100,000 JPY per booth Public institution exhibition : 50,000 JPY per booth
Booth size	>>> W198cm × D198cm

Call for Workshops

How to apply	>>> http://www.wlc17ibaraki.jp/en/workshop.html Please download the Workshop Application Guide from the official homepage. Please send the application form to the secretariat via e-mail or fax.
Deadline	>>> May 7 (Mon.), 2018

Ibaraki Kasumigaura Prize

We are pleased to announce that Ibaraki Prefecture will award the Ibaraki Kasumigaura Prize (certificates of commendation and a supplementary prize) to up to 10 distinguished full papers submitted by participants from the countries and regions listed on the Development Assistance Committee (DAC) List from the Organization for Economic Cooperation and Development (OECD) (the DAC List, hereafter). This award aims to contribute to the research, technology development, and to the exchange of information on the lakes, rivers and related research fields. For the DAC List, please refer to the list on p.20 of this announcement.

Requirements

- The paper must be presented at the Technical Sessions.
- The applicants must be researchers, etc. from the countries and regions listed on the DAC List.

How to Apply

Please apply via online proposal submission system

1st Review

The submitted proceedings papers for the Technical Sessions will be reviewed and about 30 proceedings will be selected for the final review.

Final Review

Applicants who pass the 1st selection process will be requested to submit their full paper in late June, 2018, until the set deadline (will be informed later). Final notification of the results will be announced by the end of September 2018. Awardees will be required to present their research at the Technical Sessions of 17th World Lake Conference.

Registration

1 Registration Categories and Fees

		Full Conference Participation (Fees in parentheses apply to developing countries)			One-day ticket Participation (Fees in parentheses apply to developing countries)	
		Early Registration	Regular Registration	On-site Registration	Advance Registration	On-site Registration
Period		Feb.5 - Jul.16	Jul.17 - Sep.14	Oct.14 - 19	Feb.5 - Sep.14	Oct.14 - 19
Category	General	16,000 (12,000)	18,000 (12,000)	20,000 (14,000)	4,500 (3,000)	5,000 (3,500)
	Students (College students) (Graduate students)	10,000 (8,000)		12,000 (10,000)	2,500 (2,000)	3,000 (2,500)
	Accompanying Person (Relatives)	4,000			1,000	

(All Figures are in Japanese yen)

《Notes》

- (1) If you register as a student, documents, such as a student ID card or official documents from your institution must be submitted. High school students and younger will be charge-free for registration.
- (2) Developing countries rates are applied to participants from developing countries in line with OECD standards (DAC List of ODA Recipients). If you choose to register with this rate, please submit your passport copy.
- (3) Accompanying persons (relatives of regular participants only) may register for social events and excursions individually.
- (4) Full Conference registration rate for Students (College and Graduate students) and for developing countries are revised on March 2, 2018.

2 Optional Fees

The following fee is same for all participants, regardless of registration category (All figures are in Japanese yen).

Welcome Party : October 14 (Sun.) : 5,000 JPY
 Excursion : October 17 (Wed.) : 2,000 JPY
 Participants' Get-together : October 18 (Thu.) : 5,000 JPY

*In case of many applicants, please understand that we might not be able to meet your requirement in some cases.

3 How to Register

Please follow the instruction on the 17th World Lake Conference Official Site :
<http://www.wlc17ibaraki.jp/en/registration.html>.

Registration is only available online.

Payment can be made either by credit card (Visa, MasterCard, JCB, Diners Club, and American Express) or bank transfer. The bank information will be displayed on the registration page and registration confirmation email. Please transfer the specified amount by the deadline.

Transfer fees are to be covered by the participant. Once payment is confirmed, an e-mail message confirming the completion of your registration will be sent.

4 Cancellation Policy

If you wish to cancel your advance registration after you finish your payment, please notify the Secretariat by email.
wlc17_reg@c-linkage.co.jp

Please note that fees may be incurred depending on the cancellation date. The balance amount after deducting cancellation and remittance fees will be refunded after the conference.

Cancellation after September 15, 2018 will not be subject to any refund, except in case of participation refused due to capacity limit or of overcharge due to system error, etc. Fees will also not be refunded if cancelled on the day of conference.

Please note that overseas remittances may be affected by foreign exchange fluctuation.

Cancellation period	Feb.5 - Jul.16, 2018	Jul.17 - Sep.14, 2018	Sep.15, 2018 onward
Cancellation Fees	20% of registration fee	50% of registration fee	100% of registration fee

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Financial Support for Participants from Developing Countries

Financial Support for Participants from Developing Countries is made in wish to promote participation from developing countries who have several issues in their lakes and their basins, and are willing to promote their research on good practice in other countries. This support will provide financial support for traveling costs and other fees of selected participants from developing countries who will be making presentations at the Technical Sessions under the conditions below.

Eligible Applicants

The applicants must be a national of a developing country or region listed on the OECD's DAC List and will make presentation at the Technical Sessions.

Additional Conditions

The applicants must meet all of the following conditions:

- Participate in the Student Conference held on October 14 (Sun.)
- Make a presentation at the Technical Session (oral or poster)
- Participate in an excursion on October 17 (Wed.) (fee exemption)
- Accommodate in a hotel appointed by Ibaraki Prefecture

Expense Covered for

- Airfare (return ticket, economy class) *amount will be determined later based on the applicants' address and list of basic international airfare by country
- Accommodation fee *a hotel appointed by Ibaraki Prefecture for 6 nights (check-in: October 13, check-out: October 19, breakfast incl.)
- Registration to the Congerence and Excursion (fee exemption)

The Criteria for Selecting Support Recipients

Out of all the qualited applicants, the applicants will be selected accordingly to their home countries and regions which have higher priority in the DAC List (The highest priority will be given to Least Developed Countries (LDCs), followed by Low Income Countries (LICs), Lower Middle Income Countries (LMICs), and Upper Middle Income Countries and Territories (UMICs)). If there are no good matches, selection will be conducted by the following:

- The applicant's proposal is highly evaluated by the reviewers.
- The applicant will make an oral presentation at the Technical Session.

How to Apply

Please apply via online proposal submission system when you submit your proposal.

Notification of Selecton Result

The result will be notified to the applicants together with the selection results of their proposals for the Technical Sessions. All necessary information (payment methods, accommodation, and accommodation period etc.) will also be informed to selected applicants.

Effective for reporting on 2018, 2019 and 2020 flows

DAC List of ODA Recipients					
Least Developed Countries		Other Low Income Countries (per capita GNI ≤ \$1 005 in 2016)	Lower Middle Income Countries and Territories (per capita GNI \$1 006-\$3 955 in 2016)	Upper Middle Income Countries and Territories (per capita GNI \$3 956-\$12 235 in 2016)	
Afghanistan	Sao Tome and Principe	Democratic People's Republic of Korea	Armenia	Tunisia	Albania
Angola ¹	Senegal	Zimbabwe	Bolivia	Ukraine	Algeria
Bangladesh	Sierra Leone		Cabo Verde	Uzbekistan	Antigua and Barbuda ²
Benin	Solomon Islands		Cameroon	Viet Nam	Argentina
Bhutan	Somalia		Congo	West Bank and Gaza Strip	Azerbaijan
Burkina Faso	South Sudan		Côte d'Ivoire		Belarus
Burundi	Sudan		Egypt		Belize
Cambodia	Tanzania		El Salvador		Bosnia and Herzegovina
Central African Republic	Timor-Leste		Georgia		Botswana
Chad	Togo		Ghana		Brazil
Comoros	Tuvalu		Guatemala		China (People's Republic of)
Democratic Republic of the Congo	Uganda		Honduras		Colombia
Djibouti	Vanuatu ¹		India		Cook Islands ³
Eritrea	Yemen		Indonesia		Costa Rica
Ethiopia	Zambia		Jordan		Cuba
Gambia			Kenya		Dominica
Guinea			Kosovo		Dominican Republic
Guinea-Bissau			Kyrgyzstan		Ecuador
Haiti			Micronesia		Equatorial Guinea
Kiribati			Moldova		Fiji
Lao People's Democratic Republic			Mongolia		Former Yugoslav Republic of Macedonia
Lesotho			Morocco		Gabon
Liberia			Nicaragua		Grenada
Madagascar			Nigeria		Guyana
Malawi			Pakistan		Iran
Mali			Papua New Guinea		Iraq
Mauritania			Philippines		Jamaica
Mozambique			Sri Lanka		Kazakhstan
Myanmar			Swaziland		Lebanon
Nepal			Syrian Arab Republic		Libya
Niger			Tajikistan		Malaysia
Rwanda			Tokelau		Maldives
					Marshall Islands
					Mauritius
					Mexico
					Montenegro
					Montserrat
					Namibia
					Nauru
					Niue
					Palau ²
					Panama
					Paraguay
					Peru
					Saint Helena
					Saint Lucia
					Saint Vincent and the Grenadines
					Samoa
					Serbia
					South Africa
					Suriname
					Thailand
					Tonga
					Turkey
					Turkmenistan
					Venezuela
					Wallis and Futuna

(1) General Assembly resolution A/RES/70/253 adopted on 12 February 2016, decided that Angola will graduate five years after the adoption of the resolution, i.e. on 12 February 2021. General Assembly resolution A/RES/68/18 adopted on 4 December 2013, decided that Vanuatu will graduate four years after the adoption of the resolution on 4 December 2017. General Assembly resolution A/RES/70/78 adopted on 9 December 2015, decided to extend the preparatory period before graduation for Vanuatu by three years, until 4 December 2020, due to the unique disruption caused to the economic and social progress of Vanuatu by Cyclone Pam.

(2) Antigua and Barbuda exceeded the high-income threshold in 2015 and 2016, and Palau exceeded the high-income threshold in 2016. In accordance with the DAC rules for revision of this List, if they remain high income countries until 2019, they will be proposed for graduation from the List in the 2020 review.

(3) The DAC agreed to defer decision on graduation of Cook Islands until more accurate GNI estimations are available. A review of Cook Islands will take place in the first quarter of 2019.

About Ibaraki Prefecture

Ibaraki Prefecture, home to Mt. Tsukuba and Lake Kasumigaura, is blessed with rich nature, favorable climate, a distinct history and culture, and coastlines covering a total length of 190 kilometers. Ibaraki prefecture is a region with an array of attractions. In addition to its wealth of cutting-edge science, technology, and sophisticated manufacturing industries, Ibaraki Prefecture is renowned for its agriculture as it holds the second largest domestic agricultural output, and well-maintained land, sea and air transportation networks.



Ryujin Big Suspension Bridge



Tsukuba-Kasumigaura Ring-Ring Road



Aqua World Ibaraki Prefectural Oarai Aquarium



Mt. Tsukuba



Ibaraki Nature Museum



Lake Kasumigaura's Smelt

Accommodation

Reference Website

Ibaraki Prefecture Official Tourism Information Site "IBARAKI NAVI"

<http://english.ibarakiguide.jp//>



17th World Lake Conference (Lake Kasumigaura, Ibaraki, 2018) Executive Committee

Chair	Kazuhiko Oigawa	Governor, Ibaraki Prefecture
Vice chair	Kazuhiko Takemoto	President, International Lake Environment Committee Foundation (ILEC)
Vice chair	Kentaro Kikuchi	Vice Governor, Ibaraki Prefecture (in charge of the Department of Life Environment)
Members	Tomohiro Bessho	Director-General for Technological Affairs, Ministry of Agriculture, Forestry and Fisheries/Director-General, Agriculture, Forestry and Fisheries Research Council
	Takemi Ebisawa	President, Kitaura Wide area Fisheries Cooperative
	Hiroshi Hataya	Director, Ibaraki Prefectural Assembly "Daisuki Ibaraki"
	Teruyoshi Hayamizu	Director-General, Environmental Management Bureau, Ministry of the Environment
	Kazuo Ichimura	Chairperson, 2018 Citizen's Association that works closely with the World Lake Conference
	Tatsuo Igarashi	Mayor, Tsukuba City
	Tokio Inbe	President, National Agriculture and Food Research Organization
	Makoto Ishikawa	Director of Mito Station, NHK
	Toshiyuki Kikuchi	Chairperson, Ibaraki Prefectural Assembly
	Kazuo Kishida	Mayor, Hokota City
	Shigeji Kitajima	President, Ibaraki Broadcast System
	Nobuo Kobayashi	Mayor, Ibaraki Town/Chairperson, The Association of Lake Hinuma, Registered Ramsar Site
	Kenyu Komura	President, Japan Water Agency
	Saburo Matsui	Chairperson, 17th World Lake Conference Project Promotion Committee
	Nobuo Mimura	President, Ibaraki University
	Yoshiko Mori	Chairperson, Ibaraki Federation of Women's Organizations
	Kyosuke Nagata	President, University of Tsukuba
	Kiyoshi Nakagawa	Chairperson, Ibaraki Association of City Mayors/Mayor, Tsuchiura City/ Chairperson, Council to Resolve Pollution Problems in Lake Kasumigaura
	Kazuo Nakayama	Chairperson, Ibaraki River Associations Prefecture
	Kazuhiro Nishikawa	President, Public Works Research Institute
	Kunio Onizawa	Chairperson, Economic Council of Ibaraki
	Toshi Onodera	Vice Governor, Ibaraki Prefecture
	Takashi Otabe	President, The Ibaraki Shimbun
	Yoko Sakurai	Chairperson, Ibaraki Liaison Committee of Regional Women's Organizations
	Osamu Sano	Chairperson, Ibaraki Agricultural Cooperatives Association/ Chairperson, Ibaraki Livestock Industry Association
	Morio Someya	Chairperson, Ibaraki Association of Towns and Villages
	Yasushi Takahashi	Mayor, Mito City
	Noriyuki Takasugi	Chairperson, Ibaraki Federation of Inlandwater Fisheries Cooperatives
	Toru Tsuboi	Mayor, Kasumigaura City
	Seiki Usui	President, Kasumigaura Fisheries Cooperative
	Chiho Watanabe	President, National Institute for Environmental Studies
	Kunihiro Yamada	Director-General, Water and Disaster Management Bureau, Ministry of Land, Infrastructure, Transport and Tourism
Auditor	Yasuo Imazeki	Director and Secretary General, Ibaraki Association of City Mayors, Ibaraki Association of Towns and Villages
	Yuriko Morita	Accounting Official, Ibaraki Prefecture

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Project Promotion Committee

Chairperson	Saburo Matsui	Trustees, International Lake Environment Committee Foundation
Vice chairperson	Takehiko Fukushima	Director, Ibaraki Kasumigaura Environmental Science Center
Vice chairperson	Masahisa Nakamura	Vice President, International Lake Environment Committee Foundation
Members	Kaoru Abe	Director, Division of Biogeochemical Cycles, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization
	Hideaki Goto	Deputy Mayor, Tsuchiura City
	Shigekazu Ichiki	Secretary-General, International Lake Environment Committee Foundation
	Kazuo Ichimura	Chairperson, 2018 Citizens' Association that works closely with the World Lake Conference
	Tetsuo Iino	Deputy Mayor, Tsukuba City
	Akio Imai	Head, Lake Biwa Branch Office, National Institute for Environmental Studies
	Makoto Kagawa	Professor Emeritus, Ryutsu Keizai University
	Hiroshi Kamiya	Director General, Dam Project Department, Headquarters of Dam Affairs, Japan Water Agency
	Minoru Kobayashi	Director, River Department, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Keiichi Kondo	Director General, Department of Civil Affairs and the Environment, Ibaraki Prefecture
	Hisao Kuroda	Professor, Department of Regional and Comprehensive Agriculture, College of Agriculture, Ibaraki University
	Yoshinao Mori	Director, Water Environment Research Group, Public Works Research Institute
	Mikio Morikawa	Director of River Environment Division, Water and Disaster Management Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Reiko Nakamura	Secretary-General, Ramsar Center Japan
	Yoshiro Ono	President, Japan Society on Water Environment/ Professor and Vice President, Kyoto Institute of Technology
	Tetsuya Otomo	Counsellor (Environment Policy), Minister's Secretariat, Ministry of Agriculture, Forestry and Fisheries
	Katsuji Sakai	Deputy Mayor, Ibaraki Town
	Shunichi Shioya	Director, Rural Development Division, Kanto Regional Agricultural Administration Office, Ministry of Agriculture, Forestry and Fisheries
	Mitsuru Tajiri	Deputy Mayor, Mito City
	Yoshio Tsutsumi	Executive Director, Ibaraki Prefectural Assembly "Daisuki Ibaraki
	Motoo Utsumi	Associate Professor, Faculty of Life and Environmental Sciences, University of Tsukuba
	Yasumasa Watanabe	Director, Water Environment Division, Environmental Management Bureau, Ministry of the Environment
	Hiroya Yamano	Director, Center for Environmental Biology and Ecosystem Studies, National Institute for Environmental Studies
	Norio Yokose	Deputy Mayor, Kasumigaura City
	(Vacancy)	Deputy Mayor, Hokota City

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Technical Sessions Steering Committee

Chairperson	Takehiko Fukushima	Director, Ibaraki Kasumigaura Environmental Science Center
Members	Kunihiko Amano	Director, River Department, National Institute for Land and Infrastructure Management, Ministry of Land, Infrastructure, Transport and Tourism
	Hiroaki Furumai	Professor, Research Center for Water Environment Technology, Graduate School of Engineering, The University of Tokyo
	Akio Imai	Head, Lake Biwa Branch office, National Institute for Environmental Studies
	Makoto Kagawa	Professor Emeritus, Ryutsu Keizai University
	Hisao Kuroda	Professor, Department of Regional and Comprehensive Agriculture, College of Agriculture, Ibaraki University
	Masahisa Nakamura	Vice president, International Lake Environment Committee Foundation
	Kahoru Ogawa	Director, Kahoru Ogawa Environmental Education Office
	Hiroaki Tanaka	Professor, Research Center for Environmental Quality Management, Graduate School of Engineering, Kyoto University
	Hiroya Yamano	Director, Center for Environmental Biology and Ecosystem Studies, National Institute for Environmental Studies

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Technical Sessions Working Group

Technical Session 1

Chairperson	Hiroya Yamano	Director, Center for Environmental Biology and Ecosystem Studies, National Institute for Environmental Studies
	Masatoshi Denda	Senior Researcher, Water Environment Research Group, Public Works Research Institute
	Jun Nishihiro	Associate Professor, Department of Environmental Science, Faculty of Science, Toho University
	Kohji Mabuchi	Senior Researcher, Lake Biwa Branch office, Center for Environmental Biology and Ecosystem Studies, National Institute for Environmental Studies
	Takehito Yoshida	Associate Professor, Department of General Systems Studies, The University of Tokyo

Technical Session 2

Chairperson	Kunihiko Amano	Director, River Department, National Institute for Land and Infrastructure Management, Ministry of Land, Infrastructure, Transport and Tourism
	Makoto Umeda	Associate Professor, Graduate School of Engineering, Department of Civil and Environmental Engineering, Tohoku University
	Toshiharu Kataoka	Director, Environmental Division, Tonegawa Karyu Integrated Operation and Maintenance Office, Japan Water Agency
	Mikio Kudo	Deputy General Manager, Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Hiroshi Yajima	Deputy Director Professor, Estuary Research Center, Shimane University

Technical Session 3

Chairperson	Akio Imai	Head, Lake Biwa Branch office, National Institute for Environmental Studies
	Motoo Utsumi	Associate Professor, Faculty of Life and Environmental Sciences, University of Tsukuba
	Zin'ichi Karube	Assistant Professor, Center for Water Environment Studies, Ibaraki University
	Ayato Kozu	Head, Center for Regional Environmental Research Lake and River Environment Section, National Institute for Environmental Studies
	Kazuhide Hayakawa	Deputy Division Director, System analysis Division, Lake Biwa Environmental Research Institute

Technical Session 4

Chairperson	Makoto Kagawa	Professor Emeritus, Ryutsu Keizai University
	Kentaro Tamino	Professor, Faculty of Health & Sport Sciences, Ryutsu Keizai University
	Hiroshi Nagai	Chief Director, Historical Materials and Liberal Arts Department, Ibaraki Prefectural Archives and Museum
	Satoshi Nagano	Lecturer, Research and Education Center for Community Development, Mie University
	Atsushi Numazawa	Research Advisor, Kasumigaura Citizens' Association
	Yang Ping	Senior Research Scientist, Lake Biwa Museum
	Hironobu Wakatsuki	Associate Professor, Department of Business Administration, Kinjo College

Technical Session 5

Chairperson	Hisao Kuroda	Professor, Department of Regional and Comprehensive Agriculture, College of Agriculture, Ibaraki University
	Sadao Eguchi	Leader, Soil, Water and Nutrient Cycle Unit, Division of Biogeochemical Cycles, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization
	Tomijiro Kubota	Leader, Hydrology and Water Resources Unit, Division of Regional Resources Engineering, Institute for Rural Engineering, National Agriculture and Food Research Organization
	Kazuya Nishina	Senior Researcher, Soil Environment Section, Center for Regional Environmental Research, National Institute for Environmental Studies
	Masaru Yamaoka	Leader, Aquatic Environmental Engineering Unit, Division of Hydraulic Engineering, Institute for Rural Engineering, National Agriculture and Food Research Organization

Technical Session 6

Chairperson	Hiroaki Tanaka	Professor, Research Center for Environmental Quality Management, Graduate School of Engineering, Kyoto University
	Ichiro Embutsu	Senior Researcher, Center for Technology Innovation-Materials, Hitachi Research Institute, Research and Development Group, Hitachi, Ltd.
	Yuuichi Kayaba	Senior Researcher, Water Environment Research Group, Public Works Research Institute/Director, Aqua Restoration Research Center, Public Works Research Institute
	Hiroaki Tao	Director - General AIST Shikoku, National Institute of Advanced Industrial Science and Technology
	Shin-ichi Nakano	Professor, Center for Ecological Research, Kyoto University
	Bunkei Matsushita	Associate Professor, Faculty of Life and Environmental Sciences, University of Tsukuba

Technical Session 7

Chairperson	Hiroaki Furumai	Professor, Research Center for Water Environment Technology, Graduate School of Engineering, The University of Tokyo
	Ikurou Kasuga	Associate Professor, Water Environment Technology Lab, Urban Environmental Engineering Course, Department of Urban Engineering, Graduate School of Engineering, The University of Tokyo
	Kazuhiro Komatsu	Senior Researcher, Lake and River Environment Section, Center for Regional Environmental Research, National Institute for Environmental Studies
	Hitoshi Tanaka	Group Reader, Senior Researcher, Water Environment Group, Center for Environmental Science in Saitama
	Masafumi Fujita	Associate Professor, Department of Urban and Civil Engineering, College of Engineering, Ibaraki University

Technical Session 8

Chairperson	Kahoru Ogawa	Director, Kahoru Ogawa Environmental Education Office
	Shinji Ide	Professor, Department of Environmental Policy and Planning, School of Environmental Science, The University of Shiga Prefecture
	Hiromi Oikawa	Director General, Certified Non-profit Organization for Nature Conservation and History Transmission of Shishitsuka Satoyama
	Munetsugu Kawashima	Professor Emeritus, Shiga University
	Tai Harada	Director, Specified Non-profit Organization Kasumigaura Academy

Technical Session 9

Chairperson	Masahisa Nakamura	Vice President, International Lake Environment Committee Foundation
	Isao Endo	Senior Policy Researcher, Institute for Global Environment Strategies
	Naoko Hirayama	Assistant Professor, Department of Environmental Policy and Planning, School of Environmental Science, University of Shiga Prefecture
	Keiko Wada	Deputy Director, Institute of Lake Biwa-Yodo River Water Environmental Research, Lake Biwa-Yodo River Water Quality Preservation Organization
	Victor Shiholo Muhandiki	Designated Professor, General Affairs Division, Program for Leading Graduate Schools, Nagoya University



Lake Kasumigaura Session Committee

Chairperson	Takehiko Fukushima	Director, Ibaraki Kasumigaura Environmental Science Center
Members	Takemi Ebisawa	President, Kitaura Wide Sea-area Fisheries Cooperative
	Ichiro Fukaya	Senior Director, Ibaraki Agricultural Cooperative Association
	Kiyo Kageyama	Head of River Environment Division, River Department, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Tomio Kobayashi	Manager, Production Engineering Environment Section, Production Division, Kanto Regional Agricultural Administration Office, Ministry of Agriculture, Forestry and Fisheries
	Shinichiro Matsuzaki	Senior Researcher, Center for Environmental Biology and Ecosystem Studies, National Institute for Environmental Studies
	Kazuhiro Mizuta	Manager, Environmental Conservation Section, Civic Life Division, Tsuchiura City
	Motohiko Sano	Senior Director, Ibaraki Livestock Industry Association
	Yukio Suzuki	Economic Council of Ibaraki (Kasumigaura Society of Commerce and Industry)
	Toshio Takishita	Vice Chairperson (Kasumi session), 2018 Citizens' Association that works closely with the World Lake Conference
	Moriichi Tasaki	Manager, Environmental Conservation Section, Environmental Economic Division, Kasumigaura City
	Tsuyoshi Tatsuno	General Manager, Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Tomoyuki Tsuchiko	Manager, Life Environmental Section, Civic Division, Hokota City
	Seiki Usui	President, Kasumigaura Fisheries Cooperative
	Motoo Utsumi	Associate Professor, Faculty of Life and Environmental Sciences, University of Tsukuba
	Yasumasa Watanabe	Director, Water Environment Management Division, Environmental Management Bureau, Ministry of the Environment



Lakes Session Committee

Chairperson	Takehiko Fukushima	Director, Ibaraki Kasumigaura Environmental Science Center
Members	Kaoru Abe	Director, Division of Biogeochemical Cycles, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization
	Yasuaki Akatsu	Secretary General, Ibaraki Prefectural Assembly "Daisuki Ibaraki"
	Eiichi Hayashi	Manager, Environmental Section, Life Environmental Division, Mito City
	Shinji Ide	Professor, Department of Environmental Policy and Planning, School of Environmental Science, The University of Shiga Prefecture
	Akio Imai	Head, Lake Biwa Branch Office, National Institute for Environmental Studies
	Kaikin Jo	Principal Researcher, Center for Material Cycles and Waste Management Research, National Institute for Environmental Studies
	Kiyo Kageyama	Head of River Environment Division, River Department, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Toshiharu Katsuyama	Manager, Green Environmental Section, Life Economic Division, Ibaraki Town
	Naoki Komatsu	Senior Technical Director, Department of Lake Biwa and the Environment, Shiga Prefecture
	Ayato Kozu	Head, Center for Regional Environmental Research Lake and River Environment Section, National Institute for Environmental Studies
	Yoshinao Mori	Director, Water Environment Research Group, Public Works Research Institute
	Reiko Nakamura	Secretary-General, Ramsar Center Japan
	Akihisa Okuda	Director for River Environment Coordination, River Environment Division, Water and Disaster Management Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Kotaro Watanabe	Director General, River Environment Division, Land Development Department, Chiba Prefecture
	Yasumasa Watanabe	Director, Water Environment Management Division, Environmental Management Bureau, Ministry of the Environment

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Satellite Venue Coordination Committee

Chairperson	Mieko Kuwana	Director, Environmental Management Division, Department of Civil Affairs and the Environment, Ibaraki Prefecture
Members	Akira Abe	Vice Chairperson (working with Tsuchiura City), 2018 Citizens' Association that works closely with the World Lake Conference (Kasumigaura Citizens' Association)
	Eiichi Hayashi	Manager, Environmental Section, Life Environmental Division, Mito City
	Toshio Iitsuka	Vice Chairperson (working with Kasumigaura City), 2018 Citizens' Association that works closely with the World Lake Conference (Household Effluent Purification Promotion Group of Kasumigaura City)
	Toshiharu Katsuyama	Manager, Green Environmental Section, Life Economic Division, Ibaraki Town
	Masahiko Koike	Deputy General Manager, Kasumigaura Conveyance Work Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Mikio Kudo	Deputy General Manager, Kasumigaura River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Kazuhiro Mizuta	Manager, Environmental Conservation Section, Civic Life Division, Tsuchiura City
	Kenji Muto	Deputy General Manager, Hitachi River and National Highway Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
	Masayuki Osone	Vice Chairperson (working with Hokota City), 2018 Citizens' Association that works closely with the World Lake Conference (World Lake Conference Northern Kitaura District Promotion Meeting)
	Masamichi Takahashi	Vice Chairperson (working with Mito City), 2018 Citizens' Association that works closely with the World Lake Conference (Environmental Conservation Conference of Mito City)
	Moriichi Tasaki	Manager, Environmental Conservation Section, Environmental Economic Division, Kasumigaura City
	Tomoyuki Tsuchiko	Manager, Life Environmental Section, Civic Division, Hokota City
	Yaeko Yahagi	Vice Chairperson (working with Ibaraki Town), 2018 Citizens' Association that works closely with the World Lake Conference (Clean up Hinuma Network)

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Student Conference Committee

Chairperson	Mieko Kuwana	Director, Environmental Management Division, Department of Civil Affairs and the Environment, Ibaraki Prefecture
Members	Osamu Abe	Professor, College and Graduate School of Sociology, Rikkyo University
	Yayoi Haraguchi	Professor, College of Humanities and Social Sciences, Ibaraki University
	Shigekazu Ichiki	Secretary-General, International Lake Environment Committee Foundation
	Hideo Kawamatsu	Association of Ibaraki High School Principals (Ibaraki Prefectural Kinu Commercial High School Principal)
	Munetsugu Kawashima	Professor Emeritus, Shiga University
	Akira Nishikawa	Associate Director, High School Education Division, Educational Bureau, Shiga Prefectural Board of Education
	Yasuhiro Numata	Managing Director, The Ibaraki Shimbun
	Keiichi Sue	Ibaraki Principals Association (Principal, Kamioono Elementary School, Mito City)
	Junichi Tashiro	Ibaraki Private School Association (Principal, Meikei High School)

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ILEC Scientific Committee

Chair	Walter Rast	Professor Emeritus and Director, International Watershed Studies, the Meadows Center for Water and the Environment, Texas State University
Vice Chairs	Adelina Santos-Borja	Department Manager III, Resource Management and Development Department, Laguna Lake Development Authority
	Salif Diop	Member, Agricultural Sciences Section, Academy of Sciences and Techniques of Senegal
Bureau Member	Sandra Azevedo	Professor, Carlos Chagas Filho Biophysics Institute, Brazil Federal University of Rio de Janeiro
Members	Tsugihiko Watanabe	Professor, Laboratory of Regional Planning, Graduate School of Global Environmental Studies, Kyoto University
	Daniel Olago	Professor, Institute for Climate Change and Adaptation and Department of Geology, University of Nairobi
	Juan Skinner	Vice-president, the Lake Atitlán Environmental Protection Society
	Ajit Pattnaik	Vice President, Wetlands International South Asia
	Zhengyu Hu	Deputy Director, the Institute of Hydrobiology, Chinese Academy of Sciences
	Yoshihisa Shimizu	Professor, Research Center for Environmental Quality Management, Graduate School of Engineering, Kyoto University
	Colin Finlayson	Director, the Institute for Land, Water and Society, Charles Sturt University

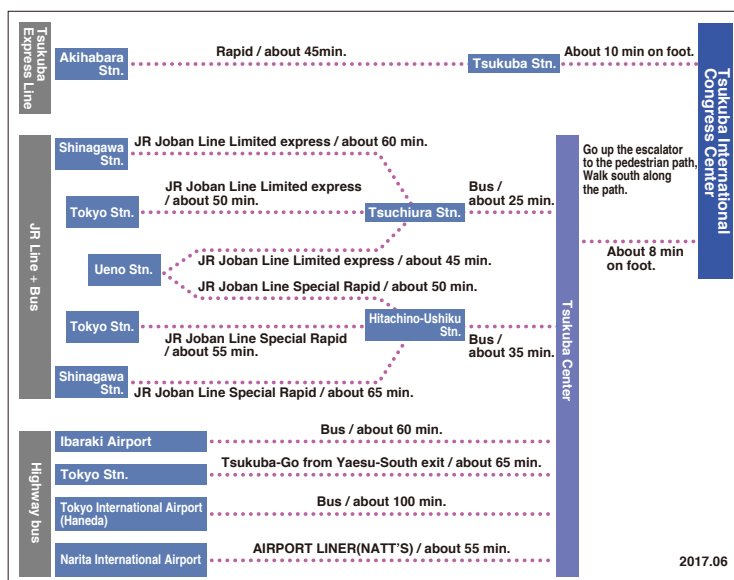
Access to the Venue



Main Venue Tsukuba International Congress Center

Address : 2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan

Tsukuba International Congress Center was built with the aim of strengthening research exchange capabilities in Tsukuba and revitalizing the regional economy through holding conventions. In 2016, G7 Science and Technology Ministers' Meeting was held in Tsukuba, Ibaraki Prefecture.



Upcoming Announcement

The 3rd announcement will be published around September, 2018.

Contact Information

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Please note that all the schedule on this announcement is tentative. The latest information is available on the official website.

Photos by Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Semboku city (Akita Prefecture), Tsuchiura City, Kasumigaura City, Hokota City, Ibaraki Town, Mito City, Kasumigaura Citizens' Association, and Tsukuba International Congress Center