

The 16th World Lake Conference

Lake Ecosystem Health and Its Resilience: Diversity and Risks of Extinction

November 7-11th, 2016
Bali, Indonesia

Second announcement

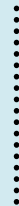
Organized by



Ministry of Environment and Forestry



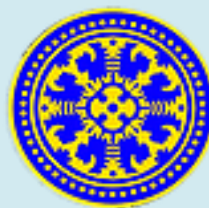
Indonesian Institute of Sciences



Ministry of Public Works and Housing



16th WORLD LAKE CONFERENCE
BALI - INDONESIA



Udayana University



International Lake Environment
Committee Foundation

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I. PREFACE

Lakes are essential parts of Indonesian society that cannot be separated from their daily lives. Not only do the lakes serve livelihood requirements, they also play a key role in fostering Indonesian culture. Despite their highly recognized importance, most lakes have undergone serious degradation nationwide.

The awareness for the need to revitalize the degraded lake ecosystem has arisen at every level in the nation. The most noted one has been the mutually agreed commitment about lake sustainable management, signed by nine ministers. This agreement then served to create a momentum for all stakeholders to synergize all their collective actions to restore lake ecosystem balance for their sustainable use and conservation. To achieve this goal, a grand design about lake revitalization was formulated in 2011. Presently there are 15 national lakes being designated as the national priority lakes.

In the meantime, the importance of lake ecosystem sustainability has become widely acknowledged as an extremely important global challenge by many people and organizations. In particular, the World Lake Conference (WLC) has served as a unique platform for a wide range of stakeholders, including citizens, industrialists, government officials and scientists from across the world, to gather and deliberate on the common concerns and issues. The WLC has been organized 15 times since 1984 in different parts of the World, including Argentina, China, Denmark, Hungary, India, Italy, Japan, Kenya, and the United States of America. The implementation of WLCs has been facilitated and co-hosted by the International Lake Environment Committee Foundation (ILEC) since 1986 when it was established in the same year in Shiga, Japan. This year, Indonesia proudly announces to host the WLC 16, as the first of its series to be held in Southeast Asia, in November 7-11th, 2016 at Discovery Kartika Plaza Hotel, Bali, Indonesia.

II. CONFERENCE THEME AND PARTICIPANTS

The theme of the conference is “Lake Ecosystem Health and Its Resilience: Diversity and Risks of Extinction”. The participants, including researchers, academicians, government officials, non-governmental organizations (NGO) personnel as well as local community representatives and other local stakeholders, are expected to attend the conference from many parts of the world. The submitted abstracts should be duly screened by the Conference Scientific Committee for presentations at various conference sessions. It is expected that the total number of attendees would be between 700 and 1,000.

III. CONFERENCE ORGANIZERS

The conference is to be hosted by the Republic of Indonesia; Ministry of Environment and Forestry, Indonesian Institute of Sciences (LIPI), and Ministry of Public Works and Housing being the key organizers in charge of program development and implementation. The International Lake Environment Committee Foundation (ILEC) works closely with the Indonesian organizers as the main external organizer both to facilitate the Indonesian Secretariat through ILEC Secretariat on program development and implementation, and to

contribute on matters pertaining to the emerging global and international agenda through ILEC's Scientific Committee.

IV. CONFERENCE DATE & VENUE

The conference will take place during November 7-11th, 2016. The venue is Discovery Kartika Plaza Hotel, Bali, Indonesia.



Bali, one of the global jewel tourism areas, is remarked as a place to achieve balance in life. The reputation is obtained as the island is surrounded by bounty beaches, astonishing mountain views and more importantly breathtaking cultural heritages. The island has exhibited various international conferences; therefore, the facilities to make the participants feel comfortable are granted.

Not only do the participants enjoy the beautiful scenery in this island, but there are also plenty of art exhibitions and cultural performances which may dazzle everyone. Some cultural performances that should not be missed by the visitors are the famous Legong, Kecak fire and trance dance, Wayang Kulit (shadow puppet), Ramayana and Barong



The Discovery Kartika Plaza Hotel located at a private beachfront location in Kuta, north of the Ngurah Rai International Airport. With 318 modern rooms, suites and villas, guests can rest in comfort and experience Balinese hospitality with international service standards. The hotel caters to leisure and business travellers alike with its 7 restaurants and bars, 9 function spaces, a spa, a fitness center, a spacious sculptured pool, and a helipad. The hotel is adjacent to the Discovery Shopping Mall and a 10-minute walk to Central Kuta.



V. AGENDA

The overview of the agenda is described as follows:

	November 6 th (Sunday)	November 7 th (Monday)	November 8 th (Tuesday)	November 9 th (Wednesday)	November 10 th (Thursday)	November 11 th (Friday)
AM	Onsite Registration Opened from Nov. 5 th ; and Field Trip Announcement	Field Trip	Opening Ceremony	Workshop for Special Topic and Thematic Session	Workshop for Special Topic and Thematic Session	Open Tour
PM			Workshop for Special Topic and Thematic Session	Workshop for Special Topic and Thematic Session	Concluded Session, Declaration and Closing Ceremony	
PM			Welcome Reception	Gala Dinner		

Several side events that are planned in this conference are: International Policy Forum, Local Policy Forum, Cultural Events and Award Ceremonies, Outdoor Activities (tree-planting, banks and riparian zone clean-up), Kids' Lake Conference, Short Courses, Gala Dinner, Governor Forum, Corporate and Community Forum, and Exhibitions

VI. TOPICS

Tentative technical topics cover several subjects that may include :

1. **Climate change and water crisis:** hydrological change impacts, hydrodynamic changes impacts, lakes as carbon sinks and carbon stock capacitors, adaptation and mitigation of lakes under climate-change threats, etc
2. **Lake environments under stress and their restoration challenges:** dying lakes and their rehabilitations, land-based pollution and sedimentation, eutrophication related phenomena and restoration measures, etc.
3. **Lake and lake basin management and policies:** catchment management, shoreline management, in-lakemeasures, river-lake-estuary systems, lentic-lotic complexes, lake basin governance, legal and regulatory practices, integrated lake basin management (ILBM), ecosystem service frameworks, best management practices.
4. **Multiple water use purposes:** hydropower generation, bottled waters, irrigation, public water supplies, etc.
5. **Water education, ecotourism, culture:** awareness campaigns, community participation, local knowledge/wisdom, heartware approaches, etc.

6. **Data base and knowledgebase systems, informatics, monitoring technologies:** geo-spatial technologies and mapping, GIS and Remote Sensing techniques and applications, data inventories and metadata sources, modeling and analytical tools, etc.

7. **Biodiversity and conservation:** biodiversity assessment, biodiversity restoration techniques; freshwater fishery issues, challenges and prospects; indigenous species of flora and fauna, assessment and management of invasive species of fish and vegetation, etc.

8. **Ecotechnology and ecohydrology:** ecosystem restoration and restoration ecology, ecosystem-based water quality improvement, assessment of ecosystem health; littoral zones and ecotones, etc.

9. **Manmade lakes:** limnology of man-made lakes; reservoir operations and management, dams and their impacts, urban lakes, disused mining pools, waste mining ponds, etc.

10. **Limnology and limnological science fundamentals:** limnology of tropical lakes; brackish lakes and its limnology, lake-river interactions, physical limnology and sediment transport; paleolimnology etc.

VII. TECHNICAL SESSIONS

The prospective participants who wish to make an individual presentation need to submit its abstract either for presentation at an oral session or at a poster session. The prospective participants who wish to convene a specially designed session, together with the already identified core members, need to submit its session design together with the presentation abstracts of all of the identified participants. The guidelines for submitting the abstract (in the case of those who wish to make individual presentations), and the guidelines for submitting the design proposal (in the case of those who wish to convene a special session) are provided under **XII. ABSTRACT & EXTENDED ABSTRACT SUBMISSIONS**. The individuals and/or organizations wishing to organize a pre-Conference or post-Conference Workshop may wish to contact the Conference Secretariat together with a relevant proposal. Such proposals will be shared and separately reviewed by the Scientific Committee and the Organizing Committee for possible facilitation in connection with the Conference.

VIII. FIELD TRIPS

In order to acknowledge local sceneries, customs, and cultures, a one day field trip is planned to be arranged on Monday, November 7th, 2016. This trip will bring you to some of the hearts of beauty in Bali. There are tentatively 4 destinations that are arranged for the trip. Brief information about the destinations is explained in this chapter.

A. LAKE BRATAN

Lake Bratan known as the Lake of Holy Mountain is an exquisite site for both natural and religious tourism. The stunning view combined with the sacred Hinduism culture makes this lake was listed in twenty most beautiful lakes in the world by the Huffington Post.

The most famous destination of the lake is Pura Ulun Danu (Ulun Danu Temple) on the shore of the lake. The temple, built in 1663, is always related to the River Goddess worshipping. Therefore, the temple frequently hosts Balinese water ceremonies. This temple is also associated with Subak, Balinese irrigation system.

The beauty of the lake and the temple is completely reflected during the sunrise. The mountainous view that mingles with silver shadow and mist of the lake creates mystical moment which is very unfortunate to miss.



Photo credit: [Daniel Rubio](http://www.id.baliglory.com/2015/07/beratan-danau-bratan-bedugul-tabanan-bali.html) via Flickr (<http://www.id.baliglory.com/2015/07/beratan-danau-bratan-bedugul-tabanan-bali.html>)

B. BALI EKA KARYA BOTANICAL GARDEN



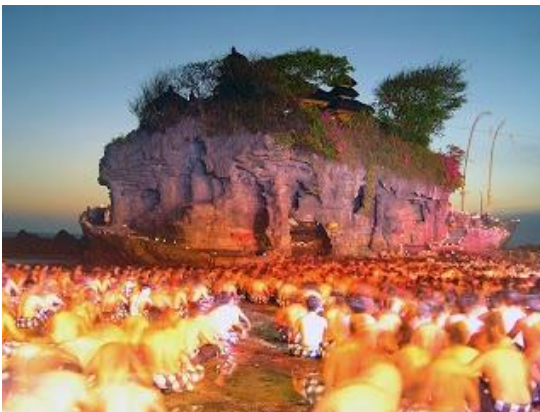
Bali Eka Karya Botanical Garden is a mesmerizing tropical garden located next to Lake Bratan. The garden mostly serves as plant conservation, research and learning centre as well as touristic site.

The garden, built on a mountain ex-caldera, collects diverse plantation such as orchids, cactus, ferns, mosses, bamboos, aquatic plantations, etc. At present, there are more than 2,000 plant species collected in this garden. In addition, the visitors can join a bird watching activity arranged by the management.

C. TANAH LOT



Tanah Lot bearing the name of one of the most popular destinations in Bali offers you a luxurious beauty of Balinese Hinduism. Not only does it gain the fame of breathtaking sunset views, but the temple is also renowned as a religious site for worshipping Balinese Ocean Guarding Gods. The biggest ceremony celebrated in this temple is Odalan which is celebrated every 210 days.



The temple complex consists of two big temples. One of the temples is built on the edge of a cliff, meanwhile the other one is set on a big stone. The visitors can enjoy scenic ocean view from the temples as well as watch the art performances such as Ramayana Ballet whenever they visit the temples. The best time to visit the temple is during the dusk.

D. JATILUWIH (TENTATIVE)

Acknowledged as the World Heritage by UNESCO, Jatiluwih reveals the rich history of Balinese tradition and wisdom. The largest paddy field area in the island provides comforts for everyone by serving wonderful landscape, fresh air, and traditional customs.

The landscape is famous as it adopts terrace system or more knowingly as Subak. More importantly, a traditional ceremony named Petayan is held every 210 days. In this ceremony a very sacred dance, Wali Pendet dance, is performed as one of the main rituals. Jatiluwih landscape should be listed as the must visited site if you want to feel the real taste of Bali.



Source: http://www.lotusbalitour.com/category/bali_tour/bali-full-day-tour/bedugul-jatiluwih/

IX. CONFERENCE REGISTRATION

To fill the online registration form or to download the form pdf file, please visit our web page at <http://www.wlc16bali.org/#!registration/s6kfy>. Please be aware that although it does not require any fees to register, the participants who intend to join the field trips are subjected to be charged. The amount of the field trip fee will be announced in the last announcement.

X. HOTELS

There are various options of hotels and resorts surrounding the venue. We have selected several hotels that are convenient for the conference participants. To have an overview of the hotels please visit <http://www.wlc16bali.org/#!venue/galleryPage>. Should you need further assistance to find and book the hotel (s), please feel free to contact us at secretary@wlc16bali.org

XI. HOW TO REACH THE VENUE

By Planes

You can choose from several alternative ways, either you fly directly to Ngurah Rai International Airport Bali (Denpasar) or depend on your flight provider route to Soekarno Hatta International Airport, Cengkareng (Jakarta) and then continue your trip to Ngurah Rai International Airport. Thereafter, please conveniently grab an official taxi to the venue. The trip is about 3.1 kilometers and it may take 10 minutes to arrive. The official taxi counter is located at outside the arrivals hall (turn right from the arrival exit gate). Otherwise you may rent for car or motorcycle prior to your departing time. For further information about the transportation from and to the airport please visit <http://www.baliairport.com/transportation/>

By bus, train, and continue with ferry boat

You may depart from your nearest port to Gilimanuk Port and then continue your trip with either a car or a bus. The trip is about 133 kilometers and it may take 3 hours and 37 minutes. Here are some sites offering car renting: www.anandatour.web.id/, www.bimasakticarrental.com, <http://www.nurisrentcar.com/car-rental/>.

XII. ABSTRACT & EXTENDED ABSTRACT FORMAT SUBMISSIONS

The individual **Presentation Abstracts** should be submitted by August 7th, 2016. **The Special Session Proposal** should also be submitted by **August 7th, 2016**, together with the presentation Abstracts of the identified core members. The presentations must adhere to the theme and topics of the conference mentioned at the previous sections. All materials should be sent to our secretariat email address, secretary@wlc16bali.org. In addition, the participants who wish to have their presentations be considered for publication in an ILEC's international journal 'Lakes and Reservoirs: Research and Management' must submit **an extended abstract before September 7th, 2016**. Furthermore, the full papers should be submitted to our email address at secretary@wlc16bali.org before **December 7th, 2016**. The required formats of abstract, extended abstract, and full paper are provided under <http://www.wlc16bali.org/#!blank/fdryy>. For more information about other important dates please kindly visit our website at www.wlc16bali.org.

XIII. INSTRUCTIONS FOR PREPARING ORAL AND POSTER PRESENTATIONS

The oral presentations must be submitted not later than November 1st, 2016. They should be prepared in accordance with following guidelines:

- All presentations must adhere to 15 minute time limits.
- The time of presentation is 10 minutes and 5 minutes for adhering questions.
- All presentations must be prepared using Power Point (PPT) or other compatible software.
- Macintosh user must be planned to be presented on Microsoft PC.

The poster presentations should be submitted on November, 6th during the registration. The presentations should be designed in accordance with following guidelines:

- Poster size should be A1 size (594mm x 841mm, 23.39 in x 33.11 in) and orientation should be portrait. Place the title of your poster prominently at the top of the poster to allow viewers to easily identify your paper.
- Indicate the authors' names and address information in order to allow interested viewers to contact you for more information. Organize the poster in a way that it is clear, orderly, and self-explanatory.
- The poster must cover the same content as the abstract. Label different elements as 1, 2, 3, or A, B, C. This will make it easier for a viewer to follow your display. Include the background of your research followed by results and conclusions.
- A successful poster presentation depends on how well you convey the information to an interested audience. Prepare all diagrams or charts neatly and legibly beforehand, in a size sufficient to be read at a distance of 1.5 meters.
- The font size is recommended to be at minimum 2.5 cm high (e.g., title: 60 pts, body and headings: 30 pts. Minimum font size should be no smaller than 18 pts). Use creativity by using different font sizes and styles, perhaps even color and double-space all text.
- Use different colors or textures for each line or bars contained in your graph or chart.
- Use more graphics instead of text when possible, and avoid large blocks of text. Minimum resolution required for pictures and photos is about 300dpi.

XIV. SPONSORSHIP, PATRONAGE, AND EXHIBITION INFORMATION

The 16th World Lake Conference is obviously a distinctive event for a sponsor to achieve global state recognition. Moreover, the occurrence of sponsorships highlights the importance of the event and it will help the secretariats provide a wider and more comprehensive program. Thus, co-sponsorships from various organizations, agencies, corporations, and non-governmental organization are welcomed and invited to partner with the organizers.

In addition, an exhibition taken place at a location central to conference session activities. This is definitely a great opportunity for private sectors and other institutions to be acknowledged globally. Further information on sponsorship levels, exhibitor opportunities, and costs are provided in our web page. Sponsors and exhibitors will be highly appreciated and acknowledged on the conference advertisement materials and at the conference itself. To download the sponsorship proposal and sponsorship agreement form please kindly visit <http://www.wlc16bali.org/#!sponsorships/nmyx5>.

XV. PROGRAM COMMITTEE

The 16th World Lake Conference Program Committee consists of Scientific Program Committee and Local Organizing Committee. The structure is described as follows:

1. Scientific Program Committee

This Committee consists of two main boards listed as follows:

A. Indonesian Scientific Advisory Board

Chair Person : Prof. Gadis Sri Haryani [Indonesia]

Members : Prof. Hary Harjono [Indonesia]
Prof. Robert Delinom [Indonesia]
Prof. Hidayat Pawitan [Indonesia]
Prof. Takehiko FUKUSHIMA [Japan]
Prof. Yasuyuki KONO [Japan]
Prof. Sin-ichi NAKANO [Japan]
Prof. Sucharit Koontanakulvong [Thailand]
Prof. Wan Maznah [Malaysia]
Prof. Kwansue JUNG [South Korea]
Dr. Ignatius D.A. Sutapa [Indonesia]
Dr. Theo EBBERS [Germany]
Mr. Nyoman Suryadiputra [Indonesia]

B. ILEC Scientific Committee

Chair Person : Prof. Walter RAST [USA]
Ex-Chair Person : Prof. Masahisa NAKAMURA [Japan]

Members : Prof. Sandra AZEVEDO [Brazil]
Prof. Salif DIOP [Senegal]

Dr. Zhengyu HU [China]
Prof. Daniel OLAGO [Kenya]
Dr. Ajit Kumar PATTNAIK [India]
Ms. Adelina SANTOS-BORJA [Philippines]
Prof. Yoshihisa SHIMIZU [Japan]
Dr. Juan SKINNER [Guatemala]
Prof. Tsugihiko WATANABE [Japan]

2. Local Organizing Committee

Chair person : Hermono Sigit
Tri Widiyanto
Imam Santoso

Vice chair : Luki Subehi
Bob A. Lombogia
Syamsuhari

Secretary general : Ivana Yuniarti
Yasue HAGIHARA

Members : Sekar Larashati
Miratul Maghfiroh
Hadiid Agita Rustini
Inge Retnowati
Gunawan Pratama Yoga
Ali Cahyadi