

# INTECOL - Bulletin

## International Association for Ecology

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## Greetings from President

### Welcome to INTECOL 2017 Beijing

Dear INTECOL members,

Our 12<sup>th</sup> INTECOL Congress will be held in beautiful Beijing this year (August 20-25, 2017). Please come to the Congress and support ecology, and contribute to our global discussions on solutions for conservation. It will be a wonderful opportunity to network and meet other ecologists and contribute to the global discussion on preserving our planet. We have a wonderful line up of plenary speakers from across the world. The deadline for abstract submission has been extended, so please send in your ideas for papers. We encourage ecologists from across the world to attend and participate. There will also be plenty of social activities, including sessions for next generation ecologists, and amazing field trips, for your chance to explore China's culture, history and environment. Come to Beijing in August!

**Shona Myers**

President of INTECOL

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## Meetings and Congresses



### 1. INTECOL 2017 Beijing Congress Update

#### Plenary speakers and the titles of their talks

**William J. Bond (University of Cape Town, South Africa)**

Ecology on the light side - explorations of non-forested ecosystems

**Kai Ming Adam Chan (University of British Columbia, Canada)**

Leveraging values for societal transformations towards sustainability: some bold propositions

**James S. Clark (Duke University, USA)**

Generative models for ecological forecasting: how entire communities will respond to climate change

**Gretchen C. Daily (Stanford University, USA)**

The science and practice of valuing nature in decisions

**Isabel Hilton (Kings College London & China Dialogue Trust, UK)**

Ecological civilisation: a map for the future?

**Anikó Kovács-Hostyánszki (Institute of Ecology and Botany, Hungary)**

Bee or not to be? – importance of wild bees for well-being and the threats of land use change

**Bastiaan Ibelings (University of Geneva, Switzerland)**

From vials to lakes: on the role of environmental complexity for eco-evolutionary feedbacks in microbial communities

**Shirong Liu (Chinese Academy of Forestry, China)**

New perspectives on forest and water interactions: research progress, challenges and management implications

**Zhiyun Ouyang (Research Center for Eco-environmental Sciences, Chinese Academy of Sciences, China)**

Ecosystem pattern, services, challenges and governance in China

**Norma Salinas (Pontificia Universidad Catolica del Peru, Peru)**

Understanding tropical forests and climate change: a journey along an elevation transect in the Amazon and Andes

**Hideaki Shibata (Hokkaido University, Japan)**

Changing winter climate alters nitrogen biogeochemistry in northern forest ecosystems

**William Sutherland (University of Cambridge, UK)**

Collating the global evidence and using it to make local conservation decisions

NOTE : For more specifics of the biography and abstracts of the plenary speakers, please visit the website of the INTECOL 2017 Beijing Congress at <http://www.intecol2017.org/en/content.asp?id=285>.





# INTECOL2017BEIJING

## International Congress of Ecology

### Ecology and Civilization in a Changing World

August 20-25, 2017 Beijing, China



The 12th International Congress of Ecology (INTECOL2017Beijing) organized by INTECOL will be held in Beijing, August 20-25, 2017. As the host of the congress, the Ecological Society of China warmly welcome you to join this meeting together with leaders in ecology from the globe, as well as scientists, educators, practitioners and policy-makers, who are dedicated to protecting and preserving our planet.

The theme of the congress is Ecology and Civilization in a Changing World, which will focus on harmonious and sustainable development among people, nature, and society in the context of global development. During the congress, the issues on the following fields will be thoroughly discussed, i.e., ecosystem service valuation and sustainable development, culture conservation and human well-being, global change, environmental change in urbanization, ecosystem restoration and management, biodiversity conservation and ecosystem health, ecological civilization, molecular ecology and ecological genomics.

There are still sponsorship and exhibition opportunities available. For detail information, please visit the congress website <http://www.intecol2017.org/>.

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Zuomin Shi	Zhenrong Yu	Dan Zhang	Linsheng Zhong
Weiqi Zhou	Yan Zhuang		

#### Key Dates

Deadline for abstract submission: April 1<sup>st</sup>, 2017  
 Notification of abstract acceptance: April 20<sup>th</sup>-May 1<sup>st</sup>, 2017  
 Deadline for exhibition application: August 1<sup>st</sup>, 2017  
 Deadline for early registration: May 1<sup>st</sup>, 2017  
 Deadline for onsite registration: July 1<sup>st</sup>, 2017

#### Plenary Speakers

Prof. William J. Bond (University of Cape Town, South Africa)  
 Prof. Kai Ming Adam Chan (University of British Columbia, Canada)  
 Prof. James S. Clark (Duke University, USA)  
 Prof. Gretchen Daily (Stanford University, USA)  
 Prof. Isabel Hilton (Kings College London & China Dialogue Trust, UK)  
 Prof. Anikó Kovács-Hostyánszki (Institute of Ecology and Botany, Hungary)  
 Prof. Bastiaan Ibelings (University of Geneva, Switzerland)  
 Prof. Shirong Liu (Chinese Academy of Forestry, China)  
 Prof. Zhiyuan Ouyang (Research Center for Eco-environmental Sciences, Chinese Academy of Sciences, China)  
 Prof. Norma Salinas (Pontificia Universidad Católica del Perú, Peru)  
 Prof. Hideaki Shibata (Hokkaido University, Japan)  
 Prof. William Sutherland (University of Cambridge, UK)

#### Congress Scientific Committee (CSC)

##### Co-Chairs:

Prof. Bojie Fu (Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China)  
 Prof. Alan Covich (University of Georgia, USA)

##### Members:

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 Prof. Andras Baldi (Institute of Ecology and Botany of the Hungarian Academy of Sciences, Hungary)  
 Prof. Michael Bull (Royal Society of South Australia, Australia)  
 Prof. John Grace (University of Edinburgh, UK)  
 Dr. Alice Hughes (Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences, UK)  
 Prof. Eun-Shik Kim (Kookmin University, Korea)  
 Prof. Yonglong Lu (Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China)  
 Prof. Sandra S. Luque (National Research Institute of Science and Technology for Environment and Agriculture, France)  
 Prof. Azim Mallik (Lakehead University, Canada)  
 Prof. Bernd Markert (Environmental Institute of Scientific Networks, Germany)  
 Prof. Shona Myers (INTECOL, New Zealand)  
 Prof. Nobuko Saigusa (National Institute for Environmental Studies, Japan)

#### Grants & Awards

COC will offer limited funds to assist postgraduate students from developing countries in attending INTECOL2017Beijing. Awards will normally cover the cost of Congress Registration and accommodation during the congress. The application process will be closed on April 15, 2017.

#### Contact

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#### Organizers



#### Supporters



#### Sponsors





## **2. Small Island Developing States (SIDS) Preparatory Meeting for the Ocean Conference on SDG14 Jeju, Republic of Korea**

**29-31 March 2017**

The SIDS Preparatory Meeting for the Ocean Conference on SDG14 was co-organized by United Nations Office for Sustainable Development (UNOSD) and SIDS Unit of Division for Sustainability United Nations Department of Economic and Social Affairs (UN DESA) in Jeju, Republic of Korea during 29-31 March 2017.

The UNOSD has an office located in Incheon Republic of Korea, established in 2012, to support UN member states in planning and implementing SD strategies through capacity building and partnership building. The office has tripartite partners in the Republic of Korea, namely, the Ministry of Environment, Incheon Metropolitan City and Yonsei University.

The 2030 Agenda for Sustainable Development, which contains SDG14 to “Conserve and sustainably use the oceans, seas and marine resources for sustainable development” is for Small Island Developing States (SIDS). SIDS indeed have a strong stake in the success of the upcoming Ocean Conference (5-9 June 2017 New York, USA), as their societies, culture and economies are inherently linked with oceans. Therefore this meeting brought almost 30 SIDS participants to build their capacity by identifying opportunities for SIDS in implementing the SDG14 on oceans; identifying main messages for the global level of the needs for SIDS in the context of SDG14 and enhancing negotiating capacity of SIDS to reflect in the draft Call for Action document. The participants visited Seongsan Ilchulbong and Stone Culture Park in Jeju and enjoyed the nature and culture of Jeju Island. For further details of Ocean Conference, see webpage (<https://oceanconference.un.org/>).

**Reporter**

Ilae Kim

United Nations Office for Sustainable Development (UNOSD), DSD, UN DESA

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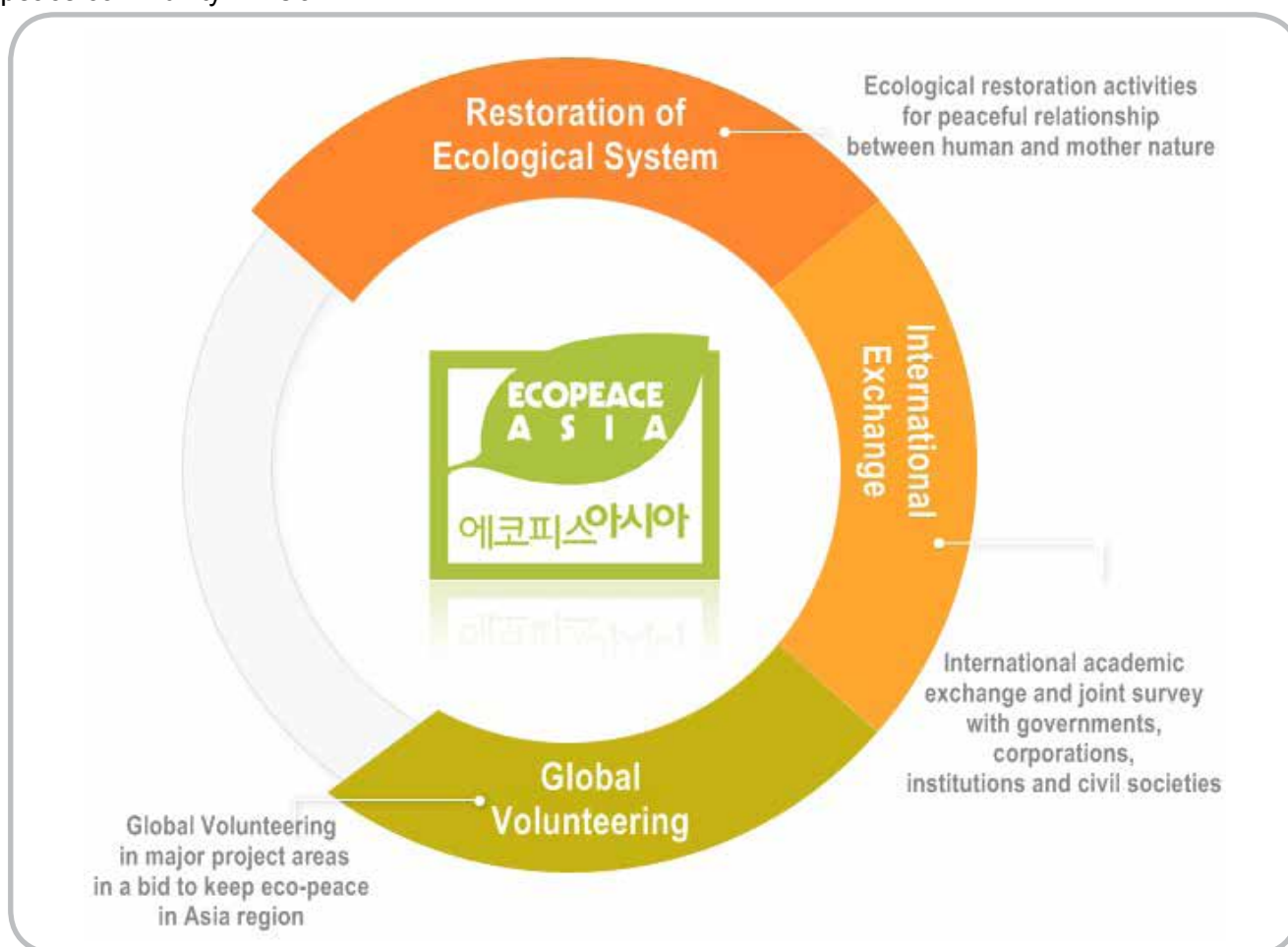


## Frontiers in Ecology

### EcoPeace Asia

#### *Fighting against desertification*

In 2003, some ecologists began to build a global network for Asian ecosystem restoration by undertaking ecosystem restoration projects to stop desertification of the Jilin and Neimenggu (Inner Mongolia) Provinces in China. Based on the years-long experience, EcoPeace Asia was officially established in March 12, 2009 in order to promote peace and ecosystem restoration in cooperation with civil groups. They are continuously pursuing ecosystem restoration projects, research projects, volunteer programs, education and promotion activities and participation in international government groups such as UNCCD, so that they can contribute to making a better future for Asians and creating a peace community in Asia.



## Programs

### 1. Ecosystem restoration program

- 1) Hyundai Green Zone, the Anti-desertification project in Qagan Nor Inner Mongolia, China to create grassland (to establish 5,000ha of grassland)
- 2) Mangrove forest restoration project in Fujian Province, China (to plant 150,000 trees )
- 3) International collaboration project for building an ecosystem community via anti-desertification projects in Mongolia and dissemination of renewable energy

### 2. International collaboration (research, academic exchange, public relations)

- 1) International research collaboration project, by China, Korea, Mongolia and Switzerland, for ecologically-sound economic development of Mongolian Plateau.
- 2) Research on growth of *Suaeda* species and soil characteristics in Land Qagan Nor.
- 3) Analysis of satellite photos of Lake Qagan Nor.
- 4) EcoPeace Asia Forum–Policy workshop on preventing yellow dust storm and desertification
- 5) On-site coverage by reporting the results at broadcast in Korea and China

### 3. Oversea volunteer program

- 1) Qagan Nor Anti-Desertification Volunteer Program
- 2) Chinese Student Volunteer Corps to Qagan Nor from 80+ universities in Beijing, China
- 3) Eco-tour to Qagan Nor for executives and employees of Beijing Hyundai Motors China
- 4) Volunteer program for Xiamen mangrove forest restoration project
- 5) Field trip for observing protected mangrove forests in Xiamen and Hong Kong

**Reporter**

Sun-Kee Hong

Editor of e-bulletin and board member of INTECOL







## INTECOL, International Association for Ecology

INTECOL is affiliated with the ICSU family of scientific organizations as the section responsible for general ecology within the International Union of Biological Sciences (IUBS). The association will assist and/or support the development of the science of ecology and the application of ecological principles to global problems, especially by assisting international cooperation; the collection, evaluation and distribution of information about ecology; national, regional and international actions which will serve ecological research, training of personal, coordination of general publications of ecological principles and the recognition of the importance of ecology for economy and society; the organization of conferences, meetings, symposia, programs and projects, conduct of speaking-series, publication of manuscripts, and measures which are deemed necessary to reach the goals of the association.

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**Deadline for sending information for next e-Bulletin**

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