

***Response and Adaptation of Animals to Rapid
Global Change***



**The 8th International Symposium of
Integrative Zoology**

(First announcement)

25 July – 5 August 2016, Xilinhote, Inner Mongolia, China

Organized by:

International Society of Zoological Sciences (ISZS)
BCGC program, International Union of Biological Sciences (IUBS)
Chinese National Committee for Man and Biosphere Program, UNESCO
Institute of Zoology (IOZ), Chinese Academy of Sciences (CAS)
The State Key Laboratory of Integrated Pest Management, IOZ, CAS
National Nature Reserve of Xilinguole Grassland, Inner Mongolia, China
Centre for Ecological and Evolutionary Synthesis, University of Oslo, Norway
Institute of General and Experimental Biology, Mongolian Academy of Sciences
Institute of Ecology and Evolution, Russian Academy of Sciences
China National Committee for International Union of Biological Sciences
Asia Pacific Forest Invasive Species Network (APFISN)
Asia-Pacific Wildlife Diseases Network (APWDN)

Supported by:

Bureau of International Cooperation, CAS
Department of International Affairs, China Association for Science and
Technology
Division of Life Science, National Natural Science Foundation of China

Background

"One belt and one road (OBAOR)" is a development strategy started by the Chinese government in 2013 and it refers to the New Silk Road Economic Belt, which will link China with Europe through Central and Western Asia, and the 21st Century Maritime Silk Road, which will connect China with Southeast Asian countries, Africa and Europe.

In order to promote collaboration on integrative zoology among countries and region alongside OBAOR, the International Society of Zoological Sciences (ISZS), together with its major partners, will organize the 8th International Symposium of Integrative Zoology, 24 July – 5 August 2016, at the National Nature Reserve of Xilinguole Steppe, Inner Mongolia, China. The theme of the symposium is "Response and Adaptation of Animals to the Rapid Global Change"

Xilinguole Grassland is one of the most representative grasslands in a temperate climate zone in China. As the typical steppe grassland of Eurasia Grasslands in Eastern Asia, it consists of marshlands, grasslands, sand dunes and wetlands, providing an abundant ecological system and environment for development of plants and animals. Currently, the ISZS is planning to set up an international scientific research and training base station in Xilinguole to study biological consequences of global change (BCGC), and to train cooperatively the necessary personnel in the countries and regions alongside the OBAOR.

We look forward to your participation, especially by zoologists, scientists, guests, and students, from all over the world, as well as the ISZS members, EC & AC members, INZ board members and other invited guests in Xilinguole.

The current major topics of this symposium include:

- Long-term population dynamics
- Historical distribution and range shift
- Biological invasion
- Wildlife-borne disease
- Plant-animal-microorganism interaction
- Eco-physiology
- Animal behavior
- Evolution and adaptation
- Ecosystem service
- Conservation biology
- Pest management
- Wildlife monitoring
- Others

Alongside of the symposium, there will be an International Training Course on Integrative Zoology: Wildlife Monitoring. The trainees who completed the course will be awarded a certificate issued by the ISZS at the end of the course.

Other Meetings

ISZS EC meeting (2016)

INZ Board meeting (2016)

Dates

Registration: 24 July 2016

Symposium: 25–28 July 2016 (including one day local trip)

Training Course: 29 July- 5 Aug 2016 (only for junior and students, and with limited positions)

Venue

Xilinhot city, Xilinguole, Inner Mongolia, China

Working Language

The working language for the symposium and training course is English.

Call for Symposia Speakers and Posters

If you are interested in delivering a presentation or poster at the Symposium, please contact Dr Chunxu Han (iszs2@ioz.ac.cn) before 5 March 2016.

Publication of Papers Presented at the Symposium

Submitted abstracts for the Symposium will be collated in the Symposium Program Book for attendees. Manuscripts of presented talks or posters from the Symposium can be prepared for submission, peer review and publication in *Integrative Zoology* ([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1749-4877](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1749-4877)), the official journal of ISZS and SCI-indexed. For publication in *Integrative Zoology*, please contact Dr Wenhua Xiong (xionghw@ioz.ac.cn).

Integrative Zoology Subscription

Integrative Zoology (INZ) is a multidisciplinary scientific journal which is SCI (IF=1.904 in 2014) and Medline Indexed. It is also the official journal of ISZS and publishes zoological researches that compass all aspects of animal life. According to the Annual Report by Wiley-Blackwell for 2014, INZ is currently available in over 2,000 institutions worldwide via Wiley-Blackwell license and another nearly 3,000 institutions in the developing world via philanthropic initiatives. To subscribe the journal, please visit [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1749-4877](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1749-4877), or contact Ms Tina Wang (twang@wiley.com). The ISZS members can enjoy a discounted subscription and buy an online subscription to INZ for only \$82.

ISZS Membership

The ISZS Membership is open to any individual or organization with an interest in animals worldwide. Currently, there are two categories of membership at ISZS, Institutional and Individual. Institutional Members are required to pay 500€ per 4-year term and Individual Members 40€ per 4-year term to enjoy the voting rights at the ISZS General Assembly (GA). The next GA will be held in Okinawa, Japan in 2016. If voting rights are waived, membership is free. As if at the end of 2013, there over 100 Institutional Members (representing over 30,000 zoologists) and over 1,000 Individual Members with ISZS. To become a member, contact Ms Wei Zhang (zhw1104@hotmail.com). To learn more about the membership and its benefits, visit <http://www.globalzoology.org/dct/page/65579>.

Registration

Online Registration: Online registration is encouraged. Please register at: www.globalzoology.org

Registration Fee: The registration fee is US\$200 for ordinary attendees and US\$150 for ISZS members, students or accompanying guests. Extra fees will be charged for those who wish to exhibit products or devices during the Symposium. The registration fee does not cover local accommodation or insurance (but does cover the lunch and dinner during the meeting). Registration fees for ISZS EC and AC members, INZ board members, invited plenary speakers, and one representative of ISZS institutional members will be waived.

Ordinary Attendee	ISZS Members, Students or Accompanying Guests
US\$200	US\$150

Payment: Please pay your registration at the Registration Desk.

Participant's Badge: Pick up your participant's badge at the Registration Desk. This badge is available only to the invited speakers and guests, ISZS EC and AC members, and those who have paid their registration fees.

Insurance

All insurance during the meetings and while traveling in China must be self-arranged.

Visa Application Information

General information on obtaining a Chinese visa can usually be found at the local Chinese Embassy/Consulate (or their website). Attendees from most countries will require a visa to enter China. Some attendees may wish to apply for a tourist visa, which will allow you to attend the symposium and training, as well as sightseeing in China.

If you need a general invitation letter from the Secretariat, in order to apply for your visa or grants or scholarships, please download it at: www.globalzoology.org. Some countries may require an Authorized Notification Form for Visa Application in order to obtain a visa. If you need this type of special invitation letter, with the ISZS or CAS seal, please contact the Secretariat (iszs2@ioz.ac.cn) as soon as possible, after you have paid your registration fee. This letter takes some time to process.

Information on Xilinguole, Inner Mongolia

Xilinguole Meng (Chinese Name: 锡林郭勒盟; Pronunciation: xī lín guō lè méng) is situated in the central region of Inner Mongolia Autonomous Region, China. It is bounded on the north by Mongolia and in the neighborhood of Zhangjiakou and Chengde of Hebei province in the south in China.



Location of Xilinguole in China

Geographically, Xilinguol terrain slopes downward from the south to the north. Low mountains and hills in the southern and eastern regions are offshoots of the western extension of the Daxing'anling Mountains and the eastern extension of the Yishan Mountains. The land is flat in the northern and western regions with some hills and lava mesas scattered around.

Xilinguole enjoys a typical temperate semi-arid continental climate featuring strong wind, aridity and chilliness. Spring and autumn are short, winter is long. However, there is no summer heat, and the annual average temperature is around 0°C-3°C (32°F-37.4°F). Therefore, June to August is the best season to visit Xilinguole in the year.

The beautiful Xilinguole Grassland is the most representative grassland in a temperate climatic zone in China. It is a national grassland nature reserve as well. The grassland is a fabulous destination to ride on horseback freely and to experience the country life of a nomad.

Xilinguole was also a homeland for dinosaurs hundreds of millions of years ago. The largest and most intact dinosaur fossil was discovered in Sunite You Qi. This well-known source of dinosaur fossils is the desolate area 9 kilometers (5.6 miles) northeast of Erenhot, where the Dinosaur Museum of Erenhot is located.

There are also historic places and activities in Xilinguole, especially in Xilinhot, a city where seated the government Xilinguole. Those include an artistic temple and the Naadam Festival amongst others. The Naadam Festival is a Mongolian feast celebrated every year. It is a gathering of the Mongolian people for wrestling, horse trading, costume contests, horse racing, etc. It is also their summer festival and generally very colorful with costumes and colorful yurts set up to serve food and sell trinkets and supplies.

Transportation

Air flights: Xilinhot Airport has regular flights to Beijing from Air China and China United Airlines. The airport is also served by Tianjin Airlines with multiple daily flights to Hohhot and a seasonal daily flight to Tianjin. There are also occasionally direct flights to other major cities in China

Railways: The K7917 train connects Xilinhot with the national rail network and departs daily for Hohhot and Baotou.

Highways: China National Highway 207 and China National Highway 303 both terminate in the Xilinhot area.

Organizing committee:

Chair:

Zhibin Zhang, Professor, IOZ, CAS; President, ISZS; Editor-in-Chief, INZ.

Members:

Abraham Haim, Professor, Faculty of Science and Science Education, University of Haifa, Israel; Vice President, ISZS

Yoshitaka Nagahama, Professor, Institution for Collaborative Relations, Ehime University, Japan; Vice President, ISZS

Rosa Polymeni, Professor, Section of Zoology and Marine Biology, University of Athens, Greece; EC Member, ISZS

Nils Chr. Stenseth, Professor, Ecological and Evolutionary Synthesis, University of

Oslo, Norway; EC Member, ISZS; Past President, IUBS
Juergen Heinze, Professor, Faculty of Biology, University of Regensburg, Germany; EC Member, ISZS
Marvalee Wake, Professor, Department of Integrative Biology, University of California, Berkeley, USA; EC Member, ISZS
Sarita Maree, Postdoctoral Research Fellow, Department of Genetics, University of Pretoria, South Africa; EC Member, ISZS
Jean-Marc Jallon, Professor, Laboratory of Neurobiology, University Paris, France; Immediate Past President, ISZS
John Buckeridge, Professor, RMIT University, Melbourne, Australia; Chair, AC, ISZS; President Emeritus, ISZS; Executive Member, ICSU
Michael Schmitt, Professor and Research Scientist, Ernst-Moritz Arndt-Universität, Greifswald, Germany; AC Member, ISZS
Edwin Cooper, Professor, Laboratory of Comparative Neuroimmunology, UCLA Los Angeles, USA; AC Member, ISZS
Yan Xie, Associate Professor, IOZ, CAS, China; AC Member, ISZS

About ISZS

The ISZS was established in Beijing in 2004 as an international zoological body charged with organizing the ICZ and providing a global voice for zoologists. It is also a nonpartisan, nonprofit membership-based organization of professionals that aims to:

- promote zoology by improving communication between zoologists and zoological organizations;
- increase the availability of resources needed to conduct zoological research; and
- promote co-ordination, collaboration and co-operation between different fields of zoology.

Currently, it remains the only international organization that covers all branches of zoological sciences in the world.

The core business of ISZS includes organizing the International Congress of Zoology (ICZ, started in 1889 and held every four years), publishing *Integrative Zoology* (INZ), a multidisciplinary scientific journal which is SCI and Medline Indexed, organizing the International Symposia of Integrative Zoology (ISIZ) in non-Congress years, and facilitating international research programs, such as Biological Consequences of Biological Sciences (BCGC). Currently, there are over 100 institutional members, including scientific academies, universities, NGOs, nature reserves, zoos and other professional societies from every continent, as well as more than 1000 individual members, with the ISZS. For further information about the ISZS and its membership, please visit the official website at: <http://www.globalzoology.org>.

Contact

Person to contact: Mr Chunxu Han (iszs2@ioz.ac.cn), ISZS Secretariat, for symposia, donations and advertisements. Address: Room C-506, Institute of Zoology, Chinese Academy of Sciences, 1 Beichen West Road, Chaoyang District, Beijing 100101, China; Tel: +86-010-6480-7295; Fax: +86-010-6480-7295; Email: iszs@ioz.ac.cn; Website: www.globalzoology.org.

