

# **Third Pole Science Summit**

**—TPE-CSTP-HKT Joint Conference**

**10-12 July, 2017**

**Kunming, China**

**(First Circular, February 2017)**

Hosted by

**Third Pole Environment (TPE)**

**CAS Center for Excellence in Tibetan Plateau Earth  
Sciences (CETES)**

**The China Society on Tibetan Plateau (CSTP)**

**The Organizing Committee of the 2017**

**Himalayan-Karakorum-Tibet (HKT) Workshop**

Organized by

**Institute of Tibetan Plateau Research, CAS (ITPCAS)**

**Kunming Institute of Botany, CAS (KIBCAS)**



## **About the Summit**

After the North and South Poles, the Third Pole is the highland core of Asia, and includes the Hindu-Kush, Karakorum, Himalayas, Tibetan Plateau and all the mountain ranges that surround it. This region provides the water resource and ecosystem services to billions of people in Asia. It is well accepted that the regional environmental change will have huge implications for millions of people living in the Third Pole region and downstream areas. Understanding the mechanisms of the earth system multi-sphere (atmosphere, cryosphere, hydrosphere, lithosphere, biosphere and anthroposphere) interactions in the Third Pole is becoming one of the hottest topics for global environmental research, and it is also an urgent task for the scientific community to support the sustainable development of the Third Pole region.

**Third Pole Science Summit: TPE-CSTP-HKT Joint Conference** will take place in Kunming, China from 10 to 12 July, 2017. The Summit is co-hosted by the Third Pole Environment (TPE) Programme, the CAS Center for Excellence in Tibetan Plateau Earth Sciences (CETES), the China Society on Tibetan Plateau (CSTP) and the Organizing Committee of the 2017 Himalayan-Karakorum-Tibet (HKT) Workshop. The Third Pole Science Summit comes at a time when TPE, CETES, CSTP and HKT are all reaching their respective milestones: the international program of TPE has expanded its mission to Pan-TPE, a key region for “the Belt and Road Initiative”; CETES has been formally approved by CAS for full operation; CSTP has established the TPE Science and Education Center (TPE-SEC) through the support of the China Association for Science and Technology (CAST); and the HKT is embracing ever more

interdisciplinary studies over the Third Pole region. This Summit is designed to bring together leading scientists in the field of the Third Pole Earth System science to share their latest research achievements. The Third Pole Science Summit is organized by the Institute of Tibetan Plateau Research, CAS (ITPCAS) and Kunming Institute of Botany, CAS (KIBCAS).

## **Theme and Topics**

**Theme:** The Coupled Physical, Chemical, Biological and Social Systems in the Third Pole: Impacts, Feedbacks and Adaptation Pathways

### **Topics:**

- 1) Lithosphere Geodynamics and Continent-continent Collision of the Third Pole
- 2) Geological Evolution and Mineral Resource Development on the Third Pole
- 3) Uplift of the Third Pole and Its Environmental Impacts
- 4) Environmental Changes on the Third Pole and Global Change
- 5) Integrated Observations and Modeling of Atmospheric and Land-Surface Processes on the Third Pole
- 6) Cryosphere & Hydrosphere Dynamics and Water Cycle on the Third Pole
- 7) Biodiversity and Ecosystem Services on the Third Pole
- 8) Climatic Hazards and Environmental Risks on the Third Pole
- 9) Natural Resource Management and Regional Sustainability on the Third Pole

## **Science Committee**

Co-Chairs:

<b>Prof. YAO Tandong</b>	ITPCAS
<b>Prof. Lonnie Thompson</b>	The Ohio State University, USA
<b>Prof. Volker Mosbrugger</b>	Senckenberg Research Center for Nature Study, Germany
<b>Prof. Erwin Appel</b>	University of Tuebingen, Germany
<b>Prof. Deliang Chen</b>	University of Gothenburg, Sweden

## Conference Secretariat

General Secretary:	<b>Ailikun</b>	TPE IPO
Deputy Secretary:	<b>OUYANG Hua</b>	CSTP
	<b>FANG Xiaomin</b>	ITPCAS, HKT
	<b>ZHANG Fan</b>	ITPCAS
	<b>YANG Yongping</b>	KIBCAS
	<b>WANG Weicai</b>	CETES
Members:	<b>LIU Zhiqiang</b>	ITPCAS
	<b>YANG Xiaoxin</b>	TPE IPO
	<b>PING Fan</b>	TPE IPO
	<b>XIA Cuihui</b>	TPE IPO
	<b>GUO Xuejun</b>	ITPCAS
	<b>DAI Yufeng</b>	CSTP
	<b>YAO Ping</b>	CETES

## Time and Venue

The Summit will be held in Kunming from 10 to 12 July, 2017. The meeting venue will be announced in the 2<sup>nd</sup> circular.

## Conference Website

<http://tpss2017.tpe.ac.cn/>

## **Abstract Submission**

All abstracts must be submitted online. Detailed requirements will be made available on the conference website.

## **Conference Language**

English is the official language for oral presentations and posters during the conference. No simultaneous interpretation services will be provided.