

# **The 6<sup>th</sup> International Conference on Black Soils Conservation and Utilization and the 7<sup>th</sup> Workshop of FAO International Network of Black Soils**

## **I. Conference Background**

Black soils are the cornerstone and stabilizer of China's food security. Under intensive agricultural use, the high yields of crops come at the cost of severe degradation of black soils, which are becoming "thinner, poorer, and harder." On July 22, 2020, during an inspection in Lishu County, Siping City, Jilin Province, President Xi Jinping emphasized: "We must take effective measures to protect black soils, the 'pandas of cultivated land'." Guided by this national priority, science and technology shoulder a critical mission. In July 2021, the Chinese Academy of Sciences (CAS) launched the Strategic Priority Research Program "Black Soil Granary" (Category A). With guidance and support from the Ministry of Agriculture and Rural Affairs, Ministry of Science and Technology, and National Development and Reform Commission, and leveraging multi-disciplinary, system-based, and institutionalized strengths, CAS has collaborated closely with Jilin, Liaoning, Heilongjiang, and Inner Mongolia. Together, we have worked tirelessly and achieved fruitful results in the grand cause of black soil protection and utilization.

The World Mollisols Association, founded in 2011, is an international organization led by the Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, and serves as an important platform for black soil research in China. Notably, since 2021, the International Conference on Black Soils Conservation and Utilization (ICBS) has been held for five consecutive years. Over these five years, the "Black Soil Granary" Sci-Tech Campaign has focused on frontier topics including black soil degradation control, fertility enhancement, ecological restoration, smart agriculture, and sustainable utilization, producing a series of landmark academic achievements. It has won high recognition from black-soil countries around the world and from the global soil science community, resulted in multiple international cooperation agreements, and established a standing transnational academic collaboration mechanism, effectively driving theoretical innovation, key technology integration, and the on-the-ground application of demonstration projects for black soil conservation. The World Mollisols Association and ICBS have grown into a premier international cooperation platform that brings together top global expertise, integrates cutting-edge academic ideas, charts a common blueprint for black soil protection, and spearheads the development of the international discipline, thereby significantly strengthening the influence of Chinese scientists in leading large-scale international scientific programs.

The International Network of Black Soils (INBS) provides a platform for knowledge sharing for countries with black soils to discuss common issues related to the conservation and sustainable management of these soils and the need to foster technical exchange and cooperation. Launched in March 2017 in presence of representatives from national soil institutions from Argentina, Brazil, China, Russian Federation, and the USA, the INBS will foster collaboration and identify relevant research gaps to be addressed in a report on the global status, the current productivity and the challenges in black soils.

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## **II. Conference Organization**

**Sponsor:** Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences

**Organizers:**

International Network of Black Soils (INBS), Food and Agriculture Organization of the United Nations (FAO)

World Mollisols Association (WMA)

Soil Science Society of China (SSSC)

State Key Laboratory of Black Soils Conservation and Utilization

Strategic Priority Research Program (Category A) “Science and Technology Innovation Project of Black Soil Conservation and Utilization (Black Soil Granary)” of Chinese Academy of Sciences, Management Office

National Science and Technology Major Project, Management Office

**Co-organizers:**

Chinese Geographical Science

Soil and Crops

Pedosphere

Eco-Environment & Health

Soil Ecology Letters

**Academic Council:**

**Academic Committee Chairs**

Jiabao Zhang

William Richard Horwath

Xiaofeng Cao

Thorunn Wolfram Petursdottir

**Committee Members of the Conference Organization Committee**

Alexey Sorokin, Bożena Smreczak, Chie Hayakawa, Clerici Lorente Carlos, Cordula Vogel, Cornelius wilhelm Van Huyssteen, Deli Chen, Ekaterina Filimonenko, Enkhtuya Bazarradnaa,

Ivan Vasenev, Georges Martial Ndzana, Gilles Colinet, Kazuyuki Inubushi, Liudmila Orlova, Lúcia Helena Cunha Dos Anjos, Michael L. Thompson, Miguel Angel Taboada, Mikhail Vyacheslavovich Semenov, Nathamon Phongphaew, Pitchakorn Suttanukool, Roza Orozakunova, Sergey Shevchenko, Sibylle Comeliau, Sunsanee Arunyawat, Syuntaro Hiradate, Takashi Kosaki, Yakov Kuzyakov, Yiyi Sulaeman, Chen Haihua, Chu Haiyan, Huang Yingxin, Jia Zhongjun, Jiang Ming, Leng Guoyong, Li Lujun, Liang Aizhen, Liao Xiaoyong, Liu Guohua, Liu Huanjun, Song Xianwei, Sui Yueyu, Tian Chunjie, Wang Chao, Yu Zicheng, Zeng Zhaohai, Zhang Lili, Zhang Xuexian, Zhang Yucheng, Zou Wenxiu, Zou Yuanchun

#### **Organizing Committee:**

##### **Organizing Committee Chairs**

Jiang Ming

Yuxin Tong

##### **Committee Members**

Chen Haihua, Chu Haiyan, Cui Mingxing, Huang Yingxin, Leng Guoyong, Liang Aizhen, Liao Xiaoyong, Jia Zhongjun, Li Shuang, Liu Huanjun, Liu Junjie, Liu Guohua, Li Lujun, Song Xianwei, Sui Yueyu, Tian Chunjie, Wang Chao, Zeng Zhaohai, Zhang Lili, Zhang Yucheng, Zou Wenxiu, Zou Yuanchun

### **III. Conference Schedule**

<b>ICBS-INBS Main Conference Schedule</b>		
<b>Agenda</b>	<b>Program</b>	<b>Venue</b>
June 12 (08:00-22:00)	Registration	Huatian Hotel
June 13 (08:30-09:00)	ICBS-INBS Opening Ceremony	Huatian Hotel
June 13 (09:00-12:00)	ICBS-INBS Section 1 Soil Health and Improvement ICBS-INBS Section 2 Crop Yield and Sustainability	Huatian Hotel
June 13 (13:30-17:30)	ICBS-INBS — the Workshop of FAO International Network of Black Soils	Huatian Hotel
June 14 (08:30-17:30)	ICBS-INBS Section 3 Soil Smart Agriculture ICBS-INBS Section 4 Soil Ecological Protective	Huatian Hotel
June 14 (13:30-17:30)	ICBS-INBS — the Workshop of FAO International Network of Black Soils	Huatian Hotel
June 15	Field Trip to the Million-Mu Demonstration Base for Black Soil Conservation and Utilization	Lishu County
June 16	Conference concludes; participants depart	

### **IV. Invited Speakers (To be updated)**

<b>No.</b>	<b>Name</b>	<b>Title &amp; Affiliation</b>
1	Jiabao Zhang	Academician of the Chinese Academy of Engineering, Research Professor, Institute of Soil Science, Chinese Academy of Sciences, Dean, College of Modern Agriculture, University of Chinese Academy of Sciences, President, Soil Science Society of China (SSSC), Vice President, International Union of Soil Sciences

		(IUSS)
2	Xiaofeng Cao	Academician of the Chinese Academy of Sciences, Research Professor, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Fellow of The World Academy of Sciences (TWAS), Foreign Associate of the National Academy of Sciences (NAS), USA, Fellow of the International Eurasian Academy of Sciences (IEAS)
3	Takashi Kosaki	Professor Emeritus, Aichi University, Past President, International Union of Soil Sciences (IUSS), Past President, Japanese Society of Soil Science and Plant Nutrition (JSSSPN)
4	Deli Chen	Redmond Barry Distinguished Professor, University of Melbourne, Fellow of the Australian Academy of Science (FAA), Fellow of the Australian Society of Soil Science (ASSS)
5	Sergey Shevchenko	Academician of the Russian Academy of Sciences (RAS), Chief Scientist and Director, Samara Research Institute of Agriculture
6	Michael L. Thompson	Professor, Department of Agronomy, Iowa State University, President, Soil Science Society of America (SSSA), Fellow of the American Association for the Advancement of Science (AAAS), Fellow of the American Society of Agronomy (ASA), Fellow of the Soil Science Society of America (SSSA)
7	Miguel Angel Taboada	Professor, College of Agronomy, University of Buenos Aires; Chair, FAO International Network of Black Soils (INBS); President, Argentine Association of Soil Science (AACS); Researcher, National Scientific and Technical Research Council (CONICET), Argentina; Former Director, Soil Institute, National Institute of Agricultural Technology (INTA), Argentina
8	William R. Horwath	Professor, Department of Soil, Atmosphere and Water Resources, University of California, Davis, Distinguished Professor and Chair of Soil Biogeochemistry, Distinguished International Scholar, Chinese Academy of Sciences, Editor-in-Chief, Soil Science Society of America Journal, Fellow of the American Society of Agronomy (ASA)
9	Liudmila Orlova	Corresponding Member, Russian Academy of Natural Sciences; President, Russian Conservation Agriculture Alliance; Chair, Russian-German Bilateral Commission on Agriculture; Editor-in-Chief, Conservation Agriculture
10	Lúcia Helena Cunha Dos Anjos	Professor, Federal Rural University of Rio de Janeiro (UFRRJ); Past President, Brazilian Society of Soil Science (SBCS); Former Deputy Secretary General, International Union of Soil Sciences (IUSS); Standing Committee Member, IUSS Working Group WRB (World Reference Base for Soil Resources)

11	Cornelius Wilhelm Van Huyssteen	Member, Academy of Science of South Africa (ASSAf); Chair, IUSS Committee on Statutes and Organization; Professor, University of the Free State; internationally renowned expert in soil classification and ecohydrology
12	Kazuyuki Inubushi	Executive Committee Member, International Union of Soil Sciences (IUSS); Past President, Japanese Society of Soil Science and Plant Nutrition (JSSSPN); Professor, Tokyo University of Agriculture; Professor Emeritus, Chiba University
13	Yakov Kuzyakov	Professor of Soil Science, Department of Soil Science, University of Göttingen, Professor of Soil Science in Temperate Ecosystems, Clarivate Highly Cited Researcher
14	Roza Orozakunova	Acting Professor, Kyrgyz National Agrarian University; Chair of the Teaching Methodology Committee; Head of the Central Asian Laboratory for Agricultural Resources Research
15	Ivan Vasenev	Professor, Lomonosov Moscow State University, Head of the Department of Ecology, Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Chair, Eurasian Soil Partnership
16	Gilles Colinet	Professor, Gembloux Agro-Bio Tech, University of Liège
17	Mikhail Vyacheslavovich Semenov	Head of the Laboratory of Soil Biology and Biochemistry, V.V. Dokuchaev Soil Science Institute, Russian Academy of Sciences
18	Sunsanee Arunyawat	Director, Soil and Water Conservation Research and Development Group, Office of Research and Development for Land Management, Department of Land Development, Ministry of Agriculture and Cooperatives, Thailand
19	Alexey Sorokin	Researcher, Department of Soil Science, Lomonosov Moscow State University
20	Enkhtuya Bazarradnaa	Lecturer and Researcher in Soil Science, Darkhan-Uul School of Agroecology and Business, Mongolian University of Life Sciences
21	Georges Martial Ndzana	Senior Lecturer, Faculty of Agronomy and Agricultural Science, University of Dschang, Cameroon, Young Leading Scholar in Agricultural and Soil Research in Central Africa
22	Syuntaro Hiradate	Associate Professor, Faculty of Agriculture, Kyushu University
23	Ekaterina Filimonenko	Associate Professor, Tyumen State University
24	Chie Hayakawa	Associate Professor, Faculty of Agriculture, Utsunomiya University, Recipient of the Progress Award, Japanese Society of Soil Science and Plant Nutrition (JSSSPN)

25	Cordula Vogel	Assistant Professor, Technische Universität Dresden
26	Yuxin Tong	Senior Officer, Food and Agriculture Organization of the United Nations (FAO)
27	Yiyi Sulaeman	Chair, Indonesian Partnership of the FAO Global Soil Partnership (GSP); Researcher, Research Organization for Agriculture and Food, National Research and Innovation Agency (BRIN), Republic of Indonesia

(Ranked in no particular order, to be updated)

## V. Conference Information

**1、 Dates:** June 12–15, 2026

**2、 Venues:**

Changchun Huatian Hotel (2288 Jingyang Road, Lvyuan District, Changchun)

**3、 Accommodation:** Participants are entitled to specially negotiated conference rates at the partner hotel. When checking in, please mention "ICBS-INBS" to receive the conference rate. Accommodation expenses should be settled directly with the hotel by the participant, and the hotel will issue the corresponding invoice. Details of the partner hotel are as follows:

- Deluxe Room: 350 RMB/night (twin/king, breakfast included)
- Address: 2288 Jingyang Road, Lvyuan District, Changchun
- Phone: +86-0431-81168888, +86-0431-87809999

## VI. Presentation Arrangements

**1. Invited Presentations (June 13–14): 20–25 minutes**

The conference presentations adopt a combination of voluntary application and selection by the Academic Committee. Applicants must submit abstracts (title, personal information, full text) in both Chinese and English, along with presentation slides.

Deadline: June 1, 2026

Email: [icbs-inbs@iga.ac.cn](mailto:icbs-inbs@iga.ac.cn)

**2. Poster Session (June 13–14)**

Participants should print posters themselves and bring them to the venue.

Poster size: 0.9 m (W) × 1.2 m (H)

Electronic version due by: June 1, 2026

Email: [icbs-inbs@iga.ac.cn](mailto:icbs-inbs@iga.ac.cn)

## VII. Contact Information

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Li Shuangyi: 18943929592; Email: [lishuangyi@iga.ac.cn](mailto:lishuangyi@iga.ac.cn) (Transportation)

Luan Chang: 18946734675; Email: [luanchang@iga.ac.cn](mailto:luanchang@iga.ac.cn) (Accommodation, Catering, and Exhibition)

Zhang Yifeng: 13578975447; Email: [zhangyifeng@iga.ac.cn](mailto:zhangyifeng@iga.ac.cn) (FAO INBS Annual Workshop)

Liu Hongwen: 15041247520; Email: [liuhongwen@iga.ac.cn](mailto:liuhongwen@iga.ac.cn) (Post-Conference Field Trip in Jilin)

Chen Yimin: 18646552651; Email: [chenyimin@iga.ac.cn](mailto:chenyimin@iga.ac.cn) (Post-Conference Field Trip in Harbin)