



International Association of GeoChemistry

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THE 11th INTERNATIONAL SYMPOSIUM ON GEOCHEMISTRY OF THE EARTH'S SURFACE (GES-11) HELD IN GUIYANG (CHINA)

The 11th International Symposium on Geochemistry of the Earth's Surface, (GES-11), which was cosponsored by the International Association of GeoChemistry (IAGC), was held 11–16 June 2017 in Guiyang (China). The chairman of the meeting was Prof. Congqiang Liu, and the local organizing committee was made up of the following researchers from the Institute of Geochemistry, Chinese Academy of Sciences: Shijie Wang, Jiubin Chen, Yun Liu, Tingyu Li, Hu Ding and Sheng Guo. This committee invited geochemists from around the world to convene at the beautiful Renaissance Guiyang Hotel. Guiyang is the provincial capital of Gui Zhou province, and served as the perfect backdrop for the week's scientific and social activities. Participants enjoyed the region's historic splendors, peculiar karst landforms, and cool summer weather.



The opening of the GES-11 meeting. Clockwise from left: GES Working Group Leader, Steven Banwart; Chairman of the Organizing Committee, Congqiang Liu; Jiubin Chen.

About 200 scientists from more than 10 countries participated in the conference, which lasted five days. The theme of the conference had the title "Surface-Earth System Sciences: Toward a Sustainable Earth". The excellent scientific program centered on six sessions selected by the GES-11 scientific committee, whose members are as follows: Congqiang Liu (Institute of Geochemistry, CAS, China), Chen Zhu (Indiana University, USA), Suzanne Anderson (University of Colorado, USA), Steven Banwart (Leeds University, UK), Susan Brantley (Pennsylvania State University, USA), Jianmin Chen (Fudan University, China), Xi Chen (Hehai University, China), Donald DePaolo (Lawrence Berkeley Laboratory, USA), William Dietrich (University of California, USA), Jerome Gaillardet (Institut de Physique du Globe de Paris, France), Yves Godderis (Geosciences Environment Toulouse, France), Marty Goldhaber (US Geological Survey, USA), Dali Guo (Institute of Geographic Sciences and Natural Resources Research, CAS, China), Michael Kersten (Johannes Gutenberg University Mainz, Germany), Yahai Lu (Peking University, China), Romain Millot (BRGM, France), Mingan Shao (Institute of Geographic Sciences and Natural Resources Research, CAS, China), Harald Strauss (University of Münster, Germany), Yongge Sun (Zhejiang University, China), Derek Vance (ETH Zurich, Switzerland), Yanxin Wang (China University of Geosciences, Wuhan, China), Fengchang Wu (Chinese Research Academy of Environmental Sciences, China), Sheng Xu (Scottish Universities Environmental



GES-11 participants in the conference hall.

Research Centre, UK), Ganlin Zhang (Institute of Soil Science, CAS, China), and Yongguan Zhu (Institute of Urban Environment, CAS, China). There was a total of 23 invited oral presentations and 120 poster presentations, with oral sessions presented in the mornings and poster sessions presented in the afternoons. The six sessions covered the following topics:

1. China critical zone sciences for sustainability
2. Hydro-ecological and hydro-geochemical processes and cycling
3. Land-vegetation-air interaction
4. Frontiers in traditional and nontraditional isotope geochemistry
5. Land-ocean interaction and oceanic biogeochemistry
6. Geochemistry of mineral-water-microbe interfaces

Mid-week, scientists were invited to explore the historical village of Qingyan in the suburban region of Guiyang City. The local organizers held a conference banquet on Wednesday evening that was relaxed and friendly and included wonderful live entertainment from the Colorful Guizhou performers.

Participants had a great time during their stay in Guiyang, thanks to the warm welcome by the local organizing committee, the friendly atmosphere for scientific communication and discussion, and, of course, the participant's specialized expertise of the critical zone. This successful meeting has set the bar for the next GES meeting (GES-12), which is to be held in ETH Zurich (Switzerland).



GES-11 participants enjoyed live entertainment from the Colorful Guizhou, performed by multi-ethnic Guizhou people.

In addition to the IAGC, GES-11 was co-organized by the State Key Laboratory of Environmental Geochemistry (SKLEG), the Institute of Geochemistry, the Chinese Academy of Sciences (IGCAS), Tianjin University, Guangzhou University, and was cosponsored by the National Natural Science Foundation of China (NSFC), LabTech Ltd, Lica United, PRI-ECO and Thermo Fisher Scientific. All sponsors provided the essential support for guaranteeing the success of the conference.

Jiubin Chen, On behalf of the Organizing Committee for GES-11, State Key Laboratory of Environmental Geochemistry, IGCS