

**The 2018 International Conference on Nanogeosciences**  
**in conjunction with**  
**the 3<sup>rd</sup> Chinese Academic Conference on Nanogeosciences**

*Guiyang, China          June 22-26, 2018*

**FIRST CIRCULAR**

Nanogeoscience is an emerging interdisciplinary field that represents the revolutionary progress of Earth science on the microscopic scale, and is demonstrating vibrant growth and broad prospects. An in-depth study of geologic problems and phenomena on the nanoscale will help reveal the more fundamental mechanisms and processes of Earth science, and it is also considered an inevitable pathway for the development of Earth science. In November 2013, the 476th Xiangshan Science Conference with the theme of “Frontier Scientific Issues in Nanogeology and Nano-Hydrocarbon Accumulation and Metallogenesis” convened by Professor Yiwen Ju of the University of Chinese Academy of Sciences and other leaders was held in Beijing, which prompted the founding of the Specialized Committee of Nanogeology, Geological Society of China in October 2014. The following first Chinese Academic Conference on Nanogeosciences (December 2015, Beijing) and the second Chinese Academic Conference on Nanogeosciences in conjunction with the 2016 International Symposium on Nanogeosciences (November 2016, Qingdao) were highly recognized and evaluated by peer experts.

In order to further demonstrate, exchange and summarize the latest research progresses of nanogeosciences worldwide, promote cross-disciplinary cooperation, facilitate international cooperation and sharing of research outcomes, and consolidate major and critical scientific issues in the field, the Organizing Committee decided to hold the 2018 International Conference on Nanogeosciences in conjunction with the 3rd Chinese Academic Conference on Nanogeosciences during June 22-26, 2018 in Guiyang, China.

The theme of this conference is “Nanogeosciences: Emerging Challenges and Opportunities”. Based on the latest developments in nanogeosciences, a number of topics will be set up, and several renowned nanogeoscientists around the world will be invited to give plenary/keynote speeches. The conference was organized by the Institute of Geochemistry, Chinese Academy of Sciences, the State Key Laboratory of Ore Deposits Geochemistry and the State Key Laboratory of Environmental Geochemistry.

We warmly welcome researchers and postgraduates in the field of nanogeosciences from all over the world to submit conference abstracts and participate in the conference, actively exchange academic achievements, and jointly promote the overall development of nanogeosciences. We will strive to make this academic conference a grand event for the nanogeoscience communities and look forward to meeting you in June, 2018 in Guiyang. The relevant matters are notified as follows:

### **1. Hosts**

Geological Society of China

Chinese Society for Mineralogy, Petrology and Geochemistry

Specialized Committee of Nanogeology, Geological Society of China

### **2. Organizers**

Institute of Geochemistry, Chinese Academy of Sciences

State Key Laboratory of Ore Deposit Geochemistry

State Key Laboratory of Environmental Geochemistry

### **3. Theme and Topics**

**Theme:** Nanogeosciences: Emerging Challenges and Opportunities

**Topics:** Topics include but would not be limited to

- (1) Appearance, transformation, interactions and fate of nanoparticles in the environment
- (2) Mineral nucleation and growth: from atoms to nanoparticles
- (3) Mineral-fluid and water-rock interfaces and interactions: evidences from microscopic perspective
- (4) Geochemical processes in nanoporous media
- (5) Nano-effects in biological processes
- (6) Biomineralization and biomimetic model systems: from nanoparticles to biominerals
- (7) Ore deposit: implications from the nano to microscale processes
- (8) Application of nanogeosciences in unconventional energy resources
- (9) Oil/gas storage and transfer in nanoporous geological media
- (10) Nanoscale phenomena in tectonic geology and geologic hazard
- (11) Nanoparticles in the atmosphere and air pollution
- (12) Toxicology of nanoparticles in aquatic ecosystems including rivers, lakes, seas and oceans
- (13) Impact of nanomaterials on the environment and the living world
- (14) Nanoscale processes in critical zone researches
- (15) Planetary evolution: insights from nanoscale processes
- (16) Effects of nanoscale processes in isotope geochemistry
- (17) Molecular simulation studies in nanogeosciences
- (18) Advanced analytical techniques and methods in nanogeosciences

#### **4. Field Trips (Options)**

- (1) Guizhou Karst Landform;
- (2) Guanling Fossil National Geopark;
- (3) Five-hundred-meter Aperture Spherical radio Telescope (FAST).

**NOTE:** The organizer will provide the information about field trip and travel agency for delegates. The travel costs should be paid by the delegates.

## 5. Abstract Submission

This conference will set up several types of presentations, including invited plenary talks, session keynote talks, oral and poster presentations. The Academic Committee will select presentations from the submitted abstracts.

Please provide the abstracts in Microsoft Word Format, and for more details please visit: <http://nanogeosciences2018.csp.escience.cn/dct/page/65588>. The abstracts should be preferably written in English to facilitate international communication between the colleagues. The abstract documents should be named as: **topic number-name of the first author-abstract title**. Please submit your abstracts to the dedicated conference Email: ([Nanogeosciences2018@mail.gyig.ac.cn](mailto:Nanogeosciences2018@mail.gyig.ac.cn)). If you have any inquiries, please contact Professor **Quan Wan** (Tel: +86 851 8589 1928 / +86 139 8548 9480).

Deadline for abstract submission: **March 31, 2018**.

After reviewed by the Academic Committee, formal notification to authors will be sent out before **April 30, 2018**.

We will publish accepted abstracts as conference proceedings. After the conference, some outstanding papers will be recommended for publication in international SCI academic journals. Special awards will be given out for selected excellent oral and poster presentations. We welcome researchers and graduates in the field of nanogeosciences from all over the world to submit abstracts.

## 6. Registration Fee

<b>Category / Date</b>	<b>Early Bird Before/On March 31, 2018</b>	<b>Regular After March 31, 2018</b>
Attendee	USD 350	USD 450
Student	USD 180	USD 230
Accompanying Person	USD 180	USD 230

**Note: Please send the Attendance Receipt (Appendix 1) to the Committee Secretariat via Email (Nanogeosciences2018@mail.gyig.ac.cn) before March 31, 2018.** Once you have completed your registration and payment, you will receive confirmation via email. The registration fee covers an electronic copy of the conference proceeding, a welcome reception, lunch, coffee/tea breaks and supper on June 23-25.

**Payment:**

**(1)The bank account information is as follows:**

Account Name: Geological Society of China

Tax ID Number: 51100000500006863F

Address: 26 Baiwanzhuang Street, Xicheng District, Beijing, China

Telephone: 010-68999330

Bank of Deposit: Industrial and Commercial Bank of China, Beijing Baiwanzhuang Branch

Account: 0200001409014430830

**Note:** The deadline for payment by bank transfer is **June 10, 2018**. Please specify the following information (“**nanogeosciences 2018 – Your Institution Name-Your Name**”) **in the** remark column..

**(2) On-site Registration (CNY Cash Only):** After June 10, 2018, the registration fee **can be paid only** on site.

**7. Agenda**

- June 22, 2018, On Site Registration and Check in
- June 23-25, 2018, Conference Period
- June 25-26, 2018, Post-conference Communication / Field Trip

**8. Important dates**

- March 31, 2018, Deadline for Early Bird Registration
- March 31, 2018, Deadline for Submission of Abstracts
- April 30, 2018, Notification of Abstract Acceptance

➤ June 22-26, 2018, Conference Dates and Post-conference Activities

## 9. Conference website

Please visit the conference website for detailed information:

<http://nanogeosciences2018.csp.escience.cn/dct/page/70003>.

## 10. Contact information

**Secretary general:** Professor *Quan Wan*, Institute of Geochemistry, Chinese Academy of Sciences, 99 Lincheng West Road, Guiyang, Guizhou, P.R. China, 550081.

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**Abstract Submission & Registration:** Dr. *Zonghua Qin*,

Tel: +86 152 8504 4606

E-mail: qinzonghua@vip.gyig.ac.cn

**Payment:** Dr. *Wenbin Yu*

Tel: +86 177 8416 0315

E-mail: yuwenbin@mail.gyig.ac.cn

**Hotel Reservation:** Dr. *Xin Nie*

Tel: +86 189 8550 2586

E-mail: niexin@mail.gyig.ac.cn

If you have any inquiries, please email us at [Nanogeosciences2018@mail.gyig.ac.cn](mailto:Nanogeosciences2018@mail.gyig.ac.cn)

**Organizing Committee of The 2018 International Conference on Nanogeosciences**

**Geological Society of China**

**Mar. 22, 2018**

**Appendix 1**  
**Attendance Receipt**

Name		Gender		Office Phone	
Position		Professional title		Mobile Phone	
Organization					
Address					
E-mail					
Category	Attendee <input type="checkbox"/> Student <input type="checkbox"/> Accompanying Person <input type="checkbox"/>		Whether submitting an abstract	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Abstract title					
Types of presentations	Oral <input type="checkbox"/> Poster <input type="checkbox"/> Other <input type="checkbox"/>				
Presentation title					
Arrival date	2018.06.____				
Departure date	2018.06.____				
Flight number					
Remarks:					

**Please mark “√” in your options and send the Attendance Receipt to the Committee Secretariat via Email ([Nanogeosciences2018@mail.gyig.ac.cn](mailto:Nanogeosciences2018@mail.gyig.ac.cn)) before March 31, 2018**

**Committee Secretariat of the 2018 International Conference on Nanogeosciences**

**Address: Institute of Geochemistry, Chinese Academy of Sciences**

**99 Lincheng West Road Guiyang, Guizhou, P.R. China, 550081.**