

**International Conference on
Ecosystem Evolution and Environmental Changes
before and after Neoproterozoic Glaciations**

Second Circular

General Information:

Neoproterozoic glaciations and their surrounding time intervals represent one of the most profound transitions in Earth's history, witnessing the shift from microbial-dominated ecosystems to eukaryote-dominated ecosystems, as well as extreme climate events exemplified by 'Snowball Earth' events. In recent years, the ecological and environmental evolution before and after these glaciations has become a major focus in the research on Proterozoic life and environments. In order to promote multi- and inter-disciplinary studies on these topics and to strengthen collaboration and communication among international researchers worldwide, the International Conference on Ecosystem Evolution and Environmental Changes before and after Neoproterozoic Glaciations will be held at Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences from 4th July to 7th July 2026. The official language of this conference is English. We warmly welcome the participation of colleagues and students from related disciplines worldwide.

Organizer:

Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences (NIGPAS)

Co-organizers:

State Key Laboratory of Palaeobiology and Stratigraphy;

State Key Laboratory of Critical Earth Material Cycling and Mineral Deposits;

Fossil Algae Subcommittee of the Palaeontological Society of China.

Organizing Committee:

Chairs: Xunlai Yuan (NIGPAS); Shuhai Xiao (Virginia Tech)

Executive Chairs: Ke Pang (NIGPAS); Qing Tang (Nanjing University)

Secretaries-General: Qing Ouyang; Guangjin Li (NIGPAS)

Important dates and locations:

4th July 2026: Conference check-in from 11:00 to 21:00 (the lobby in Jiuhua Hotel).

5th July 2026: Opening ceremony, oral and poster presentations from 8:30 to 18:00; conference check-in also available in the morning for late arrivals (lecture hall and lobby in the Library, NIGPAS).

6th July 2026: Visit to the Huangmei Repository, Jurong for Neoproterozoic drill-core and fossil observation and on-site discussion (departure from Jiuhua Hotel at 9:00).

7th July 2026: End of the conference.

NOTE: The conference check-in desk will be only open for participants who have registered before 1st July; on-site registration will not be accepted.

Scientific Programs:

- (1) Ecosystem evolution across Neoproterozoic glaciations;
- (2) Environmental changes across Neoproterozoic glaciations;
- (3) Neoproterozoic palaeobiology and stratigraphy of North China and the Grand Canyon, USA;
- (4) Prokaryote-eukaryote transitions in the Proterozoic.

(5) Challenges and opportunities in the study of Proterozoic Earth history (workshop).

Speakers (in alphabetical order of family name):

Speaker	Affiliation	Title
Andrey Bekker	University of California, Riverside	Synchronous colonization of deep- and shallow-marine environments by Ediacaran biota
Carol Dehler	Utah State University	Late Tonian through Ediacaran time-rock vignettes from the Western Interior North American sedimentary archive
Liang Duan	Northwest University	The development of the Great Unconformity and associated crustal exhumation
Tian Gan	Adelaide University	Continental weathering and oceanic redox during the Shuram Excursion: Insights from lithium and thallium isotopes
Meng Gong	Northwest University	Biostratigraphic and paleobiogeographic significance of two cap-shaped fossil groups from the Cambrian Xinji Formation, North China: Evidence for North China–Australia faunal links
Marc Laflamme	University of Toronto Mississauga	Terminal Ediacaran of Namibia: New insights on Ediacaran fossil distributions and population ecology
Xianguo Lang	Chengdu University of Technology	Sedimentary fingerprints of a dynamic Sturtian glaciation in South China
Yarong Liu	NIGPAS; University of Cambridge	Community dynamics of the terminal Ediacaran Shibantan Biota, South China
Cui Luo	NIGPAS	Chert fossil assemblages across the Ediacaran-Cambrian boundary: Progress and emerging questions

Emily Mitchell	University of Cambridge	Birth, life and death in Ediacaran oceans
Ross Mitchell	Institute of Geology and Geophysics, Chinese Academy of Sciences	Ediacaran solid Earth: Enigmatic but not impossible
Susannah Porter	University of California at Santa Barbara	Evidence that the earliest fossil eukaryotes were benthic aerobes
Xiaodong Shang	Institute of Geology, Chinese Academy of Geological Sciences	Ediacaran acritarchs from the west Mongolia with their stratigraphic and biogeographic implications
Bing Shen	Peking University	Ocean negative carbon emission sustained Snowball Earth glaciation
Kelly Tingle	McGill University	Formation of vase-shaped microfossil-bearing iron carbonate nodules in the Neoproterozoic Chuar Group
Xinqiang Wang	China University of Geosciences, Beijing	The tempo, extent, and origin of Ediacaran ocean oxygenation
Zekun Wang	Natural History Museum, London	From trace fossils to the sensory and movement ecology of Earth's earliest animals
Chengxi Wu	Nanjing University	New frondose fossils from the Ediacaran Shibantan limestone of South China and their palaeoecological implications
Qin Ye	China University of Geosciences, Wuhan	Late Ediacaran Miaohu biota
Hanqing Zhao	China University of Geosciences, Beijing	Equatorward migration of the North China Craton during Rodinia assembly: Paleomagnetic and cyclostratigraphic constraints

NOTE: The oral presentations in this conference include keynote talks and regular talks. The keynote talk will be allocated 25 minutes (20 min talk + 5 min Q&A); regular talk will be allocated 20 minutes (15 min talk + 5 min

Q&A) or 15 minutes (13 min talk + 2 min Q&A) in total. The slides of the talks should be in a PowerPoint file format (e.g. .pptx) or as a PDF file (aspect ratio 16:9) and uploaded before the corresponding sessions.

Conference Venues and Accommodation

NIGPAS, Nanjing — opening ceremony and presentations;

Huangmei Repository, Jurong — on-site examination of Neoproterozoic drill cores and fossils;

Jiuhua Hotel, Nanjing — Registration, catering and accommodation.

Transportation

The Nanjing Lukou International Airport, Nanjing South Railway Station, and Nanjing Railway Station are well connected to the conference venue and the conference hotel by taxi and metro (see attached maps below). Taxis are readily available at the airport and railway stations. Metro services are frequent, convenient, and inexpensive.

- From Nanjing Lukou International Airport
 - To NIGPAS: approximately 50–70 minutes by taxi, depending on traffic, or about 70–90 minutes by metro.
 - To Jiuhua Hotel: approximately 45–60 minutes by taxi, or about 60–80 minutes by metro.
- From Nanjing South Railway Station
 - To NIGPAS: approximately 25–35 minutes by taxi, depending on traffic, or about 30–40 minutes by metro.
 - To Jiuhua Hotel: approximately 20–30 minutes by taxi, or about 35–45 minutes by metro.
- From Nanjing Railway Station
 - To NIGPAS: approximately 15–20 minutes by taxi, or about 15–20 minutes by metro.

To Jiuhua Hotel: approximately 10–15 minutes by taxi, or about 20–25 minutes by metro.

Contact Information

Guangjin Li

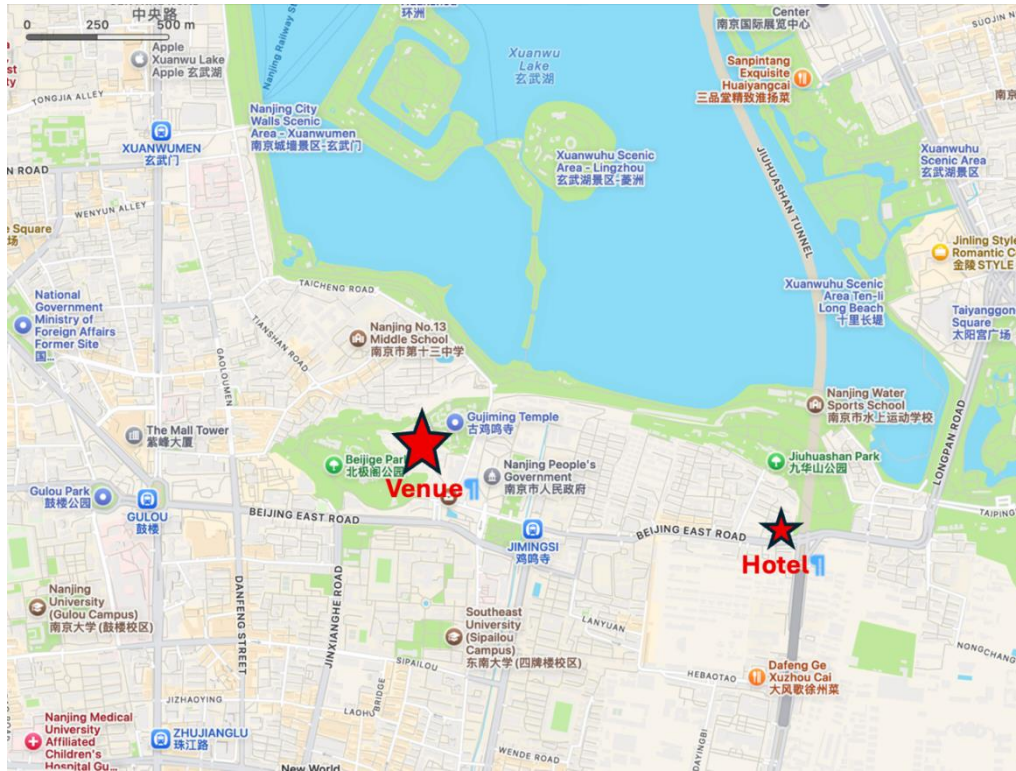
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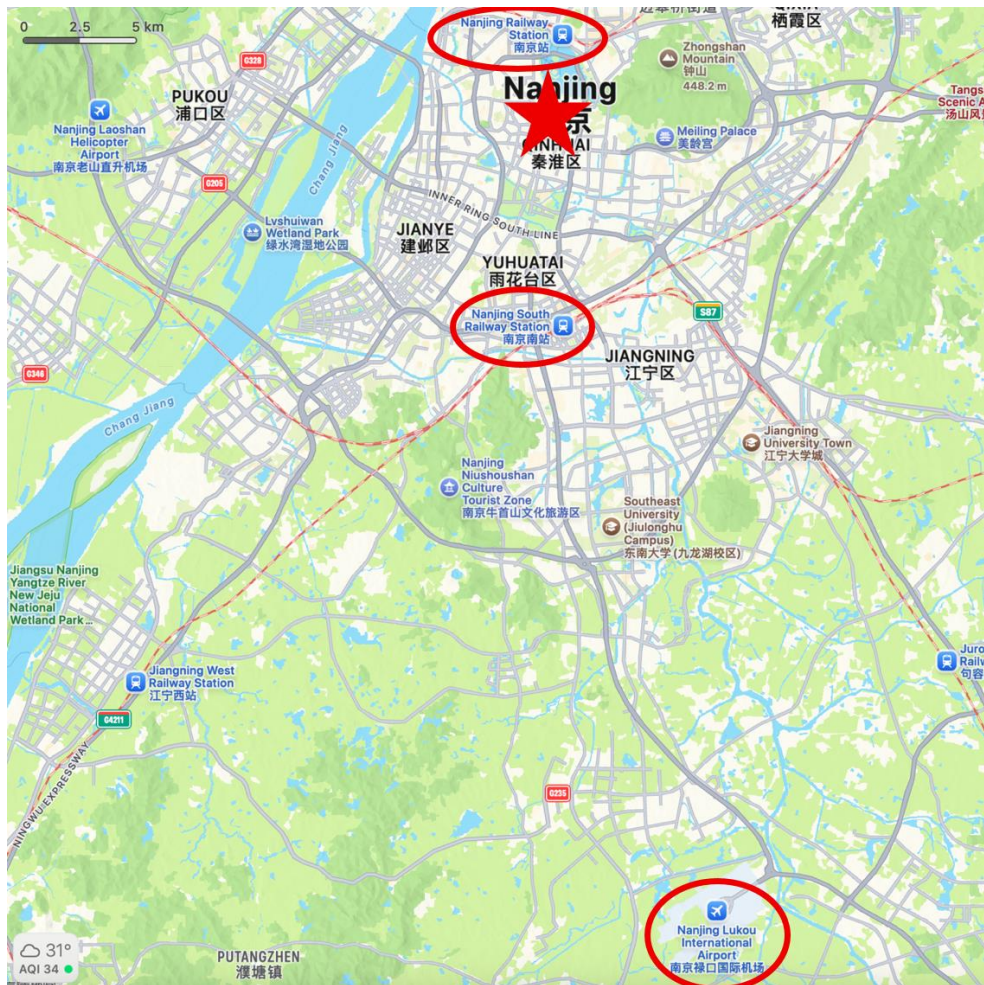


Fossil Algae Subcommittee of
the Palaeontological Society of China

03-07-2026



The map showing the hotel and the venue



The map showing airport, railway stations (red circles) and the venue (red star)