



Joint Conference of the 1st ISME Asia Forum and the 2025 Annual Academic Meeting of the Chinese Association for Microbial Ecology

Microorganisms drive the biogeochemical cycling of elements such as carbon, nitrogen, and phosphorus, playing a critical role in maintaining ecosystem stability and productivity. Understanding the pivotal functions of microbes in ecosystems is essential. Studying the structure and function of microbial communities helps elucidate their mechanisms in environmental health, pollutant degradation, and climate change responses, providing scientific insights for addressing challenges such as environmental pollution, food security, and global warming. With the rapid advancement of high-throughput sequencing, metagenomics, and synthetic biology, microbial ecology is entering a new era.

Established in 1984, the Microbial Ecology Committee of the Ecological Society of China has made significant contributions to the development of microbial ecology in China. Its mission is to promote academic exchange and collaboration both domestically and internationally, advance new methods and technologies, and elevate the academic level and influence of microbial ecology in China. The ISME-Asia Forum is a collaborative platform representing ISME and national microbial ecology societies from China, Japan, Korea, Singapore, and South Asia, aimed at fostering the development of microbial ecology across Asia.

To promote the advancement of microbial ecology in China and Asia, the **First ISME-Asia Forum** and the **2025 Annual Meeting of the Chinese Society for Microbial Ecology** will be held on **October 24–28, 2025**, at the **New Century Grand Hotel Hangzhou**. The conference will feature prominent microbial ecologists, including Fellows of the US and European academies such as Pedro J. Alvarez, Bess B. Ward, Mark E. Hay, Jizhong Zhou, Ramon Rosselló-Móra, and Lisa Y. Stein (Editor-in-Chief of The ISME Journal), alongside experts and researchers from across Asia. Centered around the theme “**Microbial Ecology and One Health: From Micro-Connectivity to Global Symbiosis**,” the forum will explore cutting-edge topics, share the latest scientific progress, and foster regional collaboration and prosperity in microbial ecology.

1. Hosts and Co-Organizers

Hosts:

Zhejiang University

Chinese Association of Microbial Ecology

Co-organizers:

International Society for Microbial Ecology (ISME)



浙江大学
ZHEJIANG UNIVERSITY

HANGZHOU CHINA

National Key Laboratory of Soil Pollution Prevention and Safety
Soil Virus Committee, Soil Science Society of China
Soil Environment Committee, Soil Science Society of China
Westlake University

2. Conference Topics

Main Topics:

- (1) Microbial Ecology Theories, Methods, and AI Applications
- (2) Microbial Ecology in Global Change
- (3) Microbe-Host Interactions
- (4) Viral Communities and Ecological Processes
- (5) Marine Microbial Ecology
- (6) Freshwater Microbial Ecology
- (7) Soil Microbial Ecology
- (8) Microbial Ecology in Engineered Systems
- (9) Microbial Ecology in Extreme Environments
- (10) Pollution Microbiology and Microbial Ecology
- (11) Microbial Ecology of Emerging Contaminants
- (12) ISME Session
- (13) iMAPS-ER Workshop: In situ Single-Cell Metabolic Mapping for Environmental Remediation

3. Conference Schedule

October 24, 2025 – Registration & Hotel Check-in

October 25-27, 2025 – Official Meetings

October 28, 2025 – Optional Excursion (Voluntary Participation)

October 29, 2025 – Departure

4. Important Dates

Early-bird registration deadline extended to: **August 15, 2025**

Abstract submission and award application deadline extended to: **August 15, 2025**

Online registration deadline: **September 15, 2025**

5. Registration and Abstract Submission

Type	Early-bird registration (before Aug.15)	Standard registration (by Sep.15)	On site registration (from Sep.16)
Delegates	USD300/person	USD350/person	USD400/person
Student delegates	USD250/person	USD300/person	USD350/person

For registration and abstract submission, please follow the templates and guidelines provided in the "Registration & Abstracts" section on the conference



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website (<http://soil.zju.edu.cn/Home/index.aspx>).

6. Awards

ISME is proud to support ISME-Asia as part of its core regional funding program. In addition to this support for the ISME-Asia meeting, ISME also funds the Early Career Researcher (ECR) and Ambassador travel grants as separate initiatives, aimed at fostering global microbial ecology engagement and development. Please download the application forms in the conference website (<http://soil.zju.edu.cn/Home/index.aspx>).

ECR travel grants

To encourage participation from early-career researcher (ECR), ISME will fund ECR travel grants. ECR travel grants will be awarded to graduate students (MSc/PhD) and postdoctoral fellows who are current ISME members. The applicant must also be the first and presenting author of an abstract submitted to the regional meeting.

Ambassador travel grants

The ISME Office has secured funds to support ambassador engagement in Joint Conference of the 1st ISME Asia Forum and the 2025 Annual Academic Meeting of the Chinese Association for Microbial Ecology. This grant is designed to assist active ambassadors for whom travel support would make a tangible difference in their ability to participate and to strengthen ISME's global community-building mission.

7. Contact Us

Conference Website: <http://soil.zju.edu.cn/Home/index.aspx>

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Organizing Committee of CAME & ISME-Asia 2025

June 30, 2025

