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SUN YAT-SEN UNIVERSITY

MARINE

**MArine Research &
INternational Education
2025 Summer School**

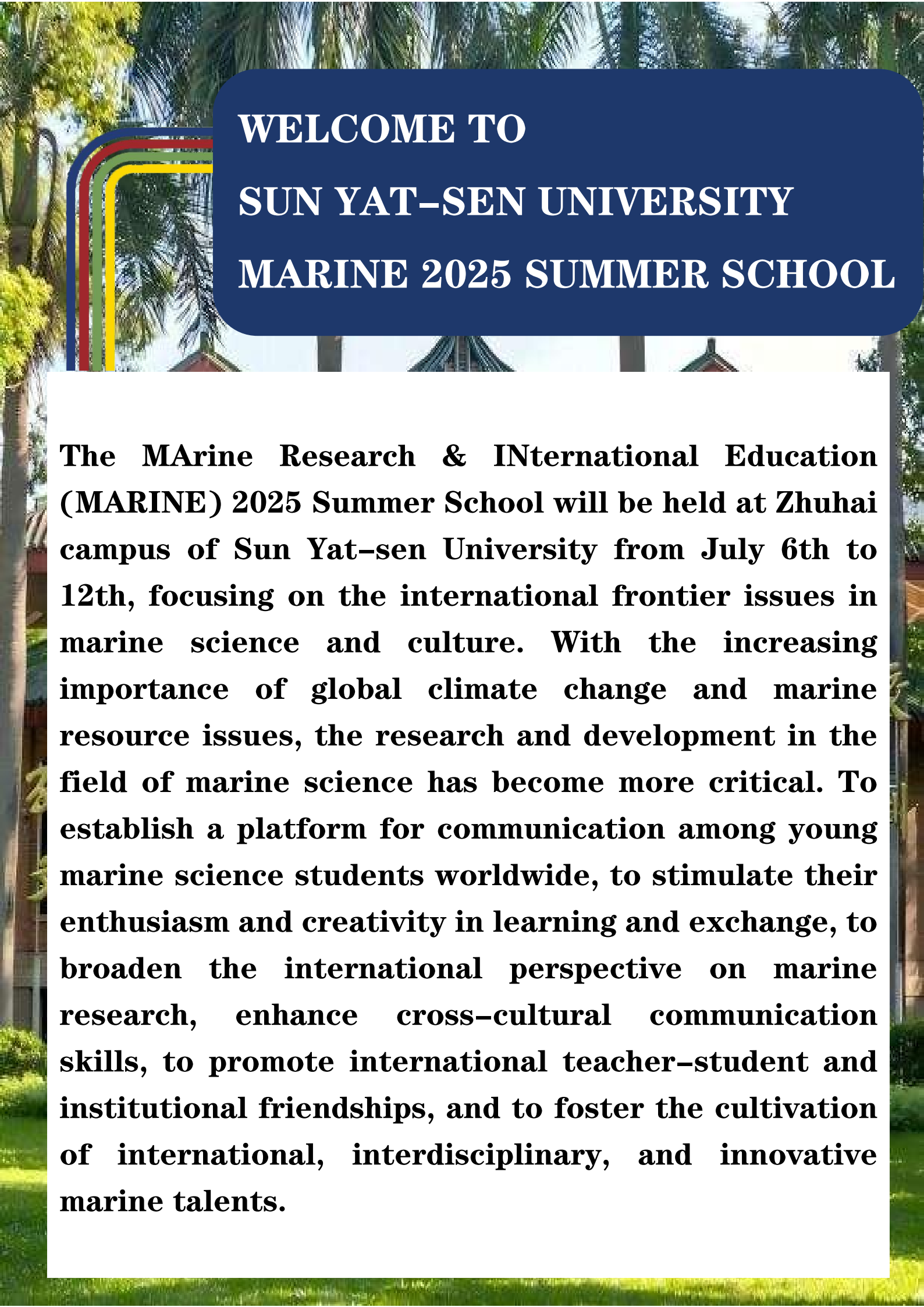
July 6th–July 12th, 2025

Zhuhai, Guangdong, China



APPLY NOW

<https://marine.sysu.edu.cn/cat/318>



WELCOME TO SUN YAT-SEN UNIVERSITY MARINE 2025 SUMMER SCHOOL

The MARine Research & INternational Education (MARINE) 2025 Summer School will be held at Zhuhai campus of Sun Yat-sen University from July 6th to 12th, focusing on the international frontier issues in marine science and culture. With the increasing importance of global climate change and marine resource issues, the research and development in the field of marine science has become more critical. To establish a platform for communication among young marine science students worldwide, to stimulate their enthusiasm and creativity in learning and exchange, to broaden the international perspective on marine research, enhance cross-cultural communication skills, to promote international teacher-student and institutional friendships, and to foster the cultivation of international, interdisciplinary, and innovative marine talents.

2025 Theme

Sustainable Future:

**Oceans Confronting Climate
Change, Innovation, and Global
Collaboration**

Application Open

May 20th – June 15th

<https://f.wps.cn/ksform/h/write/ZPU0iRw5/>



Eligibility

- Chinese and international students who have a good foundation in natural sciences and are interested in the field of marine science and global climate change or relevant fields.
- Must be registered as a full-time undergraduate, graduate or doctoral student at your home university. Must have completed at least 2 years undergraduate studies at home university by the start of summer school (July, 2025).
- Applicants should have a good command of English and in good health.

Topics

- **Climate–Ocean Nexus:** physical oceanography, marine biology, marine geology, marine chemistry and marine environment.
- **Blue Economy:** Dialogues on sustainable fisheries and marine renewable energy.
- **AI & Data analysis:** Workshops on satellite monitoring and machine learning applications.
- **Field Excursions:** Visits to mangrove reserves and virtual deep-sea explorations.



Fees

- **We cover tuition, registration fees, local accommodation, meals and health insurance during the summer school.**
- **Participants need to cover all additional expenses themselves, including travel costs and personal expenses.**

Keynote Speakers



Dorrik Stow

Professor Dorrik Stow is a globally recognized sedimentologist, geologist, and oceanographer, elected a Fellow of the Royal Society of Edinburgh in 2012, currently serving as Emeritus Professor at Heriot-Watt University in Edinburgh. His research centers on deep-sea sedimentary systems and their implications for climate change, natural resources, and marine geoscience. With a career spanning over forty years, he has authored more than 300 peer-reviewed papers, written 10 books, and led major international expeditions — including as co-chief scientist for IODP Expedition 339 on Mediterranean Outflow and ODP Leg 116 in the Indian Ocean. Professor Stow has held academic appointments in the UK, France, Spain, and Japan, and has worked closely with the energy industry. He has contributed to numerous national and international panels such as NERC, REF, and the International Geological Correlation Programme. He is also dedicated to science communication, giving public lectures around the world and authoring popular science books including *Encyclopedia of the Oceans* (Oxford University Press 2004).



Keynote Speakers



R. M. Wasantha Rathnayake

Professor R. M. Wasantha Rathnayake, Vice Chancellor of Ocean University of Sri Lanka, is a renowned environmental management expert. Holding a PhD in Environmental Economics and multiple other degrees, he has significantly contributed to environmental conservation, wildlife management, and sustainable development. Prof. Rathnayake has served in senior managerial roles at Sabaragamuwa University and internationally as National Focal Point for the Ramsar Convention and IOSEA Agreement. His work in environmental impact assessments and policy formulation has earned him several awards, including the SEDA Certificate and FAO Fellowship. As a prolific author, he has published widely on wildlife tourism valuation, recreational planning, and ecotourism sustainability. Prof. Rathnayake has also been instrumental in national development projects, such as the Metro Colombo Urban Development Project, and continues to inspire future environmental scholars.

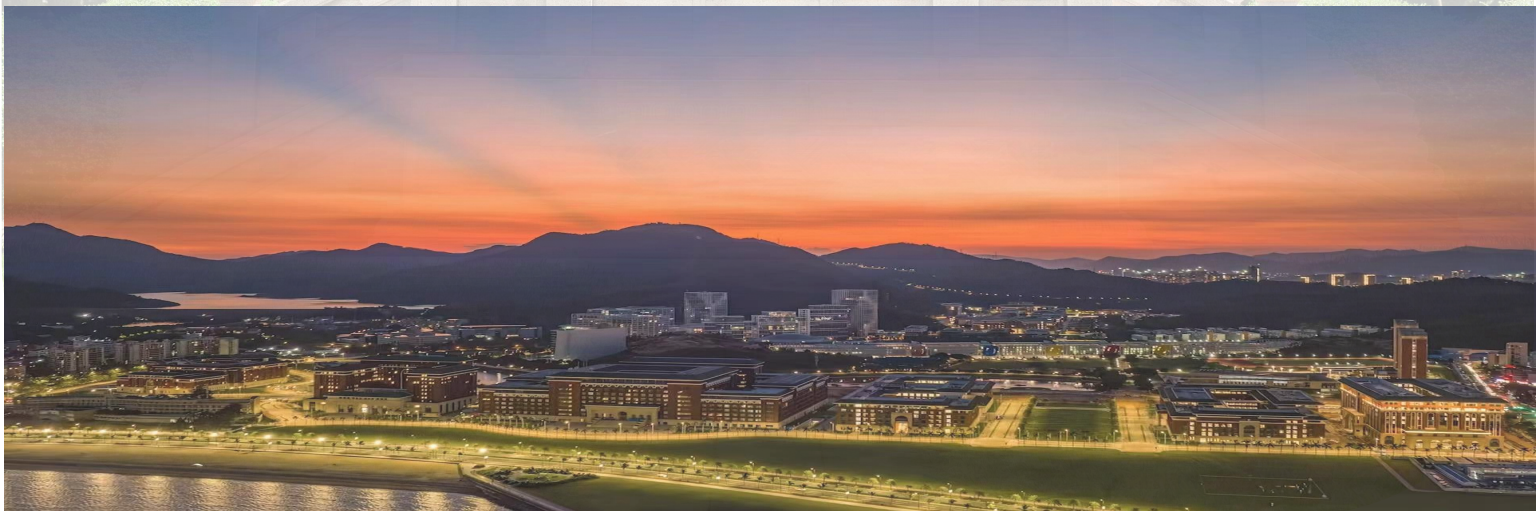


Keynote Speakers



Young-Heon Jo

Professor Young-Heon Jo is a leading physical oceanographer specializing in remote sensing and ocean-atmosphere interactions, currently serving as a Professor in the Department of Oceanography at Pusan National University, Korea. He earned his Ph.D. from the University of Delaware, where he also held several research positions including Assistant Research Professor and Manager of the Center for Remote Sensing. With over two decades of academic and applied research experience, Professor Jo's work integrates satellite-based observations, machine learning, and numerical modeling to investigate satellite Oceanography, including oceanic processes such as salinity variation, heat flux, and coastal upwelling. He has authored numerous influential papers in high-impact journals and holds multiple U.S. and Korean patents related to remote sensing technology.



Organizer

School of Marine Sciences, Sun Yat-sen University



<https://marine.sysu.edu.cn/article/10433>

Contact

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For the latest admission list, please refer to our official website:

<https://marine.sysu.edu.cn/cat/318>