



Scientific Symposium

Organized on the occasion of the Chinese icebreaker *Xue Long 2* visiting Thailand

to honor Her Royal Highness Princess Maha Chakri Sirindhorn's 70th Birthday Anniversary and to celebrate the 50th Anniversary of Diplomatic Relations between Thailand and China in 2025

Xue Long 2 and Beyond: Advancing Polar Research and Thailand-China Cooperation in a Changing Climate

organized by

**Polar Science Consortium of Thailand (PSCT)
Chulalongkorn University
and Polar Research Institute of China**

Date: May 22nd, 2025

Time: 9.00 -13.00 hrs. (Thailand local time)

Venue: Chamchuri 10, 8th floor, Chulalongkorn University, Phayathai Road, Bangkok

SYNOPSIS:

In celebration of the historic visit of the Chinese icebreaker *Xue Long 2* to Thailand, this half-day symposium brings together leading scientists and policy experts from China and Thailand to explore the future of polar research and international scientific cooperation in a changing climate and discuss possible future collaboration in such issues between Thailand and China.

The event will feature expert presentations on:

- China's latest polar missions and strategic vision
- Scientific findings from *Xue Long 2* expeditions
- Thailand's role in Antarctic science and global climate research
- Emerging collaborations in polar physics, astronomy, and marine biodiversity

and will end with a special panel discussion which will highlight pathways for joint fieldwork, youth engagement, and climate diplomacy, while showcasing how tropical and polar nations can work together to tackle global challenges.

PROGRAM:

9.00 - 9.20 hrs.	<p>Welcome by Associate Professor Dr. Nontivich Tandavanitj, MC</p> <p>Distinguished Speakers and Inauguration:</p> <p>Opening and Welcome Remarks by</p> <ul style="list-style-type: none"> • Mr. Sun Shuxian, Vice Minister of Natural Resources, China • Associate Professor Dr. Palanee Ammaranond, Vice President of Chulalongkorn University <p>Guests of Honor:</p> <ul style="list-style-type: none"> • Professor Dr. Pairash Thajchayapong, Secretary General, Princess Sirindhorn IT Foundation • Dr. Surachai Sathikunarat, President of the Office of National Higher Education, Science, Research and Innovation Policy Council
9.20 - 9.30 hrs	Group Photo
9.30 - 9.40 hrs.	<p>China-Thailand Collaboration in Polar Research: Pathways Forward</p> <p>Mr. Long, Wei Deputy Director Chinese Arctic and Antarctic Administration, State Oceanic Administration</p>
9.40 – 9.50 hrs.	<p>Thailand’s Role in Polar Science and Climate Research</p> <p>Professor Dr. Suchana Chavanich Deputy Director Aquatic Resources Research Institute (ARRI), Chulalongkorn University</p>
9.50 – 10.10 hrs.	Coffee Break
Chinese Speakers	
10.10 - 10.20 hrs.	<p>China's Arctic and Antarctic Scientific Research</p> <p>Professor Dr. Zhang, Beichen Deputy Director Polar Research Institute of China (PRIC)</p>
10.20 - 10.30 hrs.	<p>Progress of UN Ocean Decade in China and Potential Future China-Thailand Cooperation</p> <p>Professor Dr. Qiao, Fangli Deputy Director First Institute of Oceanography, MNR</p>
10.30 - 10.40 hrs.	<p>The Partnerships for a Sustainable Future: CUHK’s Involvement in Advancing Polar Research and International Cooperation</p> <p>Professor Dr. Chan Wai-yee Vice President The Chinese University of Hong Kong</p>
10.40 – 10.50 hrs.	<p>Scientific Insights from the Xue Long 2 Expeditions</p> <p>Associate Professor Dr. Cao, Shunan Researcher on Ocean Science Polar Research Institute of China (PRIC)</p>
10.50 – 11.00 hrs.	<p>Introduction to Bilateral Marine Cooperation Under the Framework of China-Thailand Joint Laboratory</p> <p>Professor Dr. Liu, Shengfa Researcher on Marine Geology and Geophysics First Institute of Oceanography, MNR</p>

Thai Speakers	
11.00 – 11.10 hrs.	Experience and Research Work on Xue Long 2 Assistant Professor Dr. Sujaree Bureekul Department of Marine Science, Faculty of Science Chulalongkorn University
11.10 – 11.20 hrs.	Polar Physics and Astronomy in a Changing Climate: Opportunities for Thailand–China Scientific Collaboration Assistant Professor Dr. Waraporn Nuntiyakul Department of Physics and Materials Science, Faculty of Science Chiang Mai University
11.20 – 11.30 hrs.	Climate Change Impacts on Marine Biodiversity: Polar–Tropical Linkages Mr. Pavich Kesavawong Deputy Director General Department of Climate Change and Environment
11.30 – 11.40 hrs.	Engaging Youth and the Public in Polar and Climate Science Dr. Ganigar Chen Vice President National Science Museum
11.40 – 12.30 hrs.	Panel discussion (50 minutes) Moderator: Associate Professor Dr. Nontivich Tandavanitj, Department of Biology, Faculty of Science, Chulalongkorn University Proposed list of panelists: <ul style="list-style-type: none"> • Professor Dr. Jiang, Peng Polar Research Institute of China • Professor Dr. Zhang, Hui First Institute of Oceanography • Professor Dr. Qi, Hong Shuai Third Institute of Oceanography • Mr. Pavich Kesavawong Department of Climate Change and Environment • Mr. Ukkrit Satapoomin Department of Marine and Coastal Resources • Maria Lynn Ehren (Maria Poolertlarp) Miss Universe Thailand
12.30 – 12.45 hrs.	Q & A
12.45 – 12.50 hrs.	Closing Remarks

For registration, please scan the QR code

