

ICCL Biennial Report (2024-2025)

**Jianping Li (President)
&
Qiuzhen Yin (Exec Secretary)**



Contents

- 1. Overview**
- 2. ICCL activities (2024-2025)**
- 3. ICCL Contributions to BACO-25 (2025)**
- 4. ICCL Website**
- 5. Future Plans**



1. Overview

President: Jianping Li (China);

Executive Secretary-General: Qiuzhen Yin (Belgium)

Immediate Past President: Neil Holbrook (Australia)

Regular members: 23

Emeritus: 13

36 in total.

In attendance (9):

Jianping Li (President, China)

Qiuzhen Yin (Executive Secretary, Belgium)

Keith Alverson (USA/Canada)

Tomas Halenka (Czech Republic)

Zhaomin Wang (China)

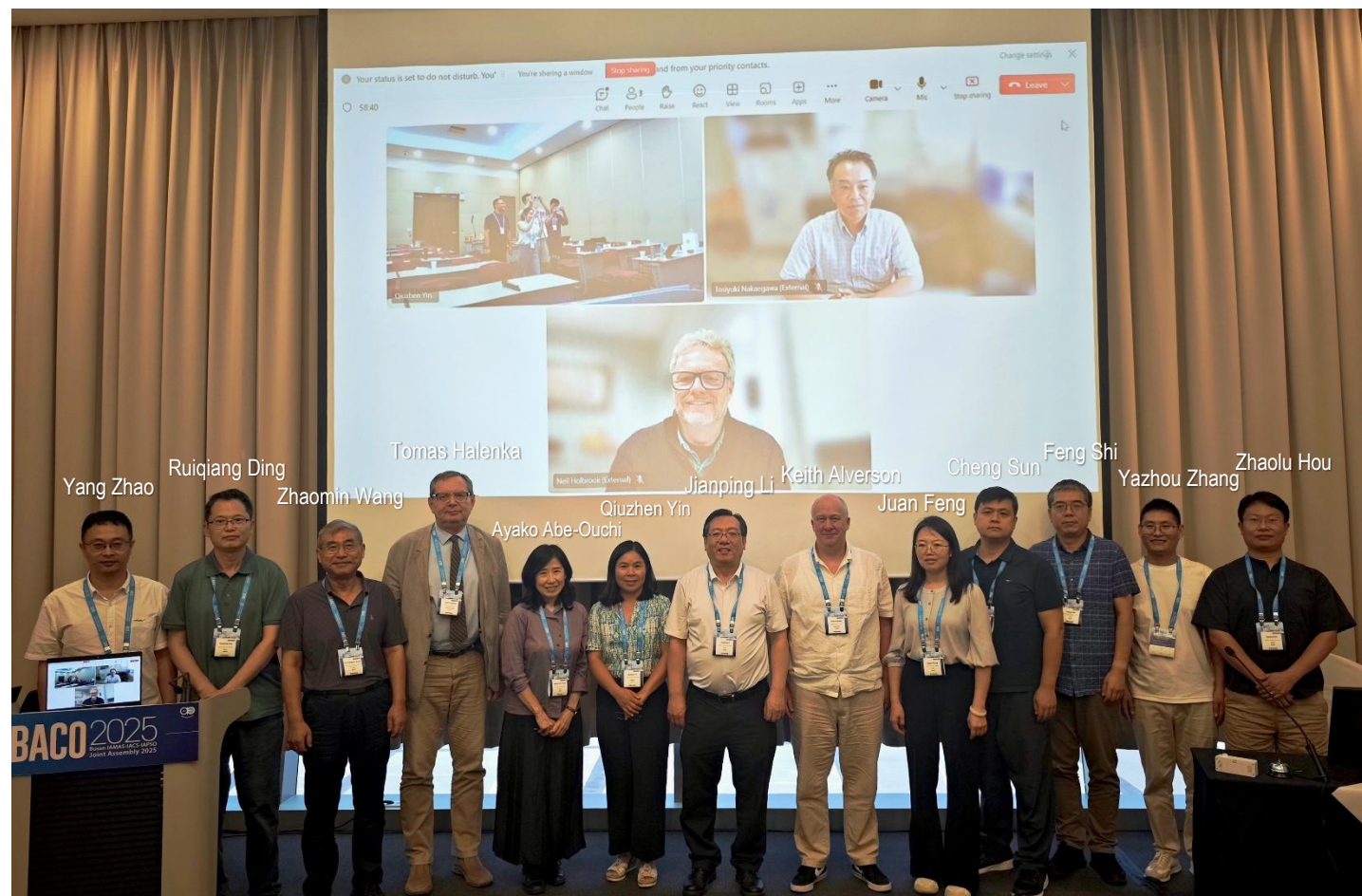
Ruiqiang Ding (China)

Juan Feng (China)

Cheng Sun (China)

Ayako Abe-Ouchi (Japan)

**ICCL Biennial Meeting at BACO-25,
Tuesday, July 12th, 2025,
Busan, Republic of Korea**





2.1 ICCL activities in 2024

1. Organizations of 2 international workshops:

- ① “2024 International Forum on Pacific Island Countries Response to Climate Change (PICC2024)” in Qingdao, **China** (6th July 2024).





2.1 ICCL activities in 2024

② “2024 International Forum on Carbon Neutrality and Sustainable Development (CNSD 2024)” in Qingdao, **China** (17th November 2024).



2.1 ICCL activities in 2024

2. Organizations of 1 session at 9th GEWEX Open Science Conference in Sapporo, Japan, July 7-12, 2024: “Water cycle changes over Asia: from attribution to adaptation how to communicate advanced information on climate and hazard projections to the general public” was organized by Tosi Nakaegawa.





2.1 ICCL activities in 2024

3. Organizations of 1 session at 9th International Engineering, Sciences and Technology Conference (IESTEC 2024) in Panama, Oct. 23–25, 2024:

“A Future in Flux: Climate Projections, Tropical Cyclones, and Securing Water Resources” was organized by Tosi Nakaegawa.

4. Organization of 1 session at EGU

5. Organizations of 2 sessions at AGU

6. Six new members were nominated and accepted by ICCL

Ben Kravitz, Indiana University, USA

Cheng Sun, Beijing Normal University, China

Xichen Li, Institute of Atmospheric Physics of Chinese Academy of Sciences, China

Gregory Foltz, NOAA Atlantic Oceanographic & Meteorological Laboratory, USA

Jules Kajtar, National Oceanography Centre, UK

Francois Massonnet, Université catholique de Louvain, Belgium

2.2 ICCL activities in 2025

- 2025 UNESCO Chair-International Forum on Blue Carbon and Sustainable Development (BCSD 2025), Qingdao, China, 11-12 May 2025.





2.2 ICCL activities in 2025

- 1 session at EGU 2025
- 12 symposia at BACO-25
- Dr. Ayako Abe-Ouchi, ICCL member, gave a plenary talk at BACO-25 on Thursday July 24, 2025.
- 1 session at AGU 2025
- **Organization of ICCL applications to the call for IAMAS and IUGG financial support for activities in 2026.** Two proposals were selected for the financial support: “International Conference on Climate Impacts in a Changing World 2026” submitted by Gabriele Messori (Sweden), and “International workshop on assessing current and future regional climate change and its impacts on hazard: Frontiers in High-Resolution Climate Projection and Advanced Methodologies and Applications for National Hazard Assessment” submitted by Tosiya Nakaegawa (Japan).



3. ICCL Contributions to BACO-25 (2025)

1 IAPSO and 2 IAMAS symposia

1. *P04 The Meridional Overturning Circulation (MOC)*

Co-conveners: Léon Chafik, Jianping Li

2. *M18 Monsoon systems: variability, processes, predictability, change and extremes*

Convener: Jianping Li

3. *M20 High resolution modelling of regional and local climate*

Convener: Tomas Halenka

9 Joint symposia

4. *JMP03 High-impact Weather and Climate Extremes*

Neil Holbrook, Seok-Woo Son

5. *JMP04 Antarctic Bottom Water formation, variability and trends*

Zhaomin Wang

6. *JMP05 Tropical Pacific SST Warming Patterns: Observations, Models and Impacts*

Mat Collins, Leon Chafik

7. *JMP06 Advancing air-sea flux process understanding across diverse conditions*

Greg Foltz

8. *JMP07 Past climate changes and their relevance for the future*

Qiuzhen Yin, Ayako Abe-Ouchi, Emilie Capron

9. *JMP09 El Niño/Southern Oscillation and its Global and Regional Impacts*

Jianping Li

10. *JMC13 Tropical-polar interactions under rapid climate change: Processes and influences*

Xichen Li

11. *JMCP18 Sub-seasonal to Decadal Prediction (S2S-S2D)*

Seok-Woo Son

12. *JMCP20 Responses of Antarctic ice shelves to changing atmospheric and oceanic forcing*

Zhaomin Wang

[Note: Only the conveners that are members of ICCL are listed.]



4. ICCL Website

- IAMAS offers an ICCL website at <https://www.iamas.org/iccl/>, and it is live in May 2025. Ms. Katie Quigley helps to maintain it. We sent her the update information of ICCL in May 2025.



International Commission on Climate

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About the ICCL

The **International Commission on Climate (ICCL)** is one of the constituent Commissions of the International Association of Meteorology and Atmospheric Sciences ([IAMAS](#)), which is one of the constituent Associations of the International Union of Geodesy and Geophysics ([IUGG](#)). The ICCL was established in 1977 in response to the increasing research activity into the physical basis of climate and its variability. It is composed of scientists who are committed to fulfilling the **objectives** of the Commission and IAMAS, through cooperation with their scientific colleagues. **Membership** of the ICCL is unpaid and takes three forms: (i) regular members, (ii) officers, and (iii) emeritus members.

Logo artistically designed by Colin Lyth; Logo digitally drafted by Judy Davis.

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5. Future Plans

- **“Climate and Cryosphere Open Science Conference”** led by Keith Alverson in Wellington, **NZ**, 9-12 February 2026.
- **“International workshop on assessing current and future regional climate change and its impacts on hazard: Frontiers in High-Resolution Climate Projection and Advanced Methodologies and Applications for National Hazard Assessment”** led by Tosiya Nakaegawa at the Uji Campus of Kyoto University, **Japan**, 5-6 March 2026.
- **“International Conference on Climate Impacts in a Changing World 2026”** led by Gabriele Messori at University Main Building, Uppsala, **Sweden**, 9-11 March 2026.
- Nominations of new ICCL members
- Prepare for IUGG 2027 Assembly from 16-22 July 2027 in Incheon, South Korea
- Others from our ICCL members (e.g., any plan of national, international conferences, workshops, summer schools related to climate?)



Thank you!

