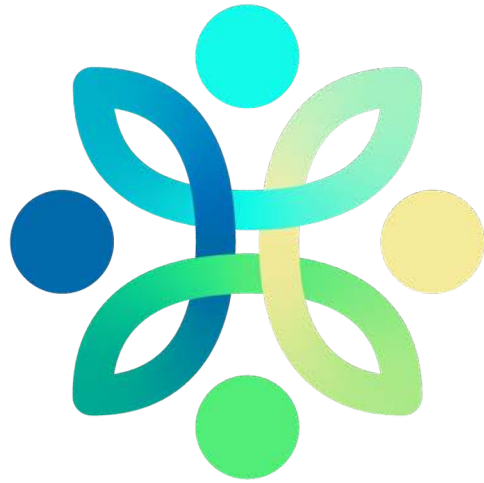


47th Session of the World Climate Research Programme
Joint Scientific Committee



WCRP Academy

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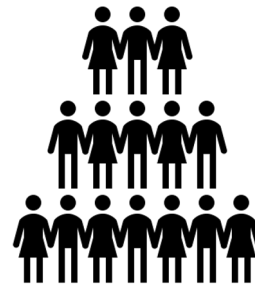
About Us

The WCRP Academy is the research training advisory and coordination arm of the World Climate Research Program (WCRP).

Our mission is to equip current and future climate scientists with the knowledge, skills and attributes required to tackle the world's most pressing and challenging climate research questions.



Training providers



Climate researchers needing training

Facilitate the training of future generations of climate scientists

A 'marketplace' or 'hub' for climate science training.

Two phases of development:

1. Inward facing: consolidation and register of WCRP training activities; guidance and support for WCRP training activities; community building

2. Outward facing: consolidation of training opportunities from external providers; identifying training gaps and facilitating new training; address global inequities.

Timeline

2020

- WCRP Academy established as a Lighthouse Activity

2021-2022

- Conducted global stocktake surveys on climate training, with a particular focus on the training needs of the Global South

2023

- WCRP Academy shifted into a stand-alone part of the WCRP structure
- Official website launched at OSC 2023, including online catalogue of climate training

2024

- WCRP Academy Support Unit hosted by Manila Observatory, the first in the Global South
- Website re-launched, internal review of training opportunities featured on catalogue

2025

- WCRP Academy focused on increasing Global South Inclusion in existing training opportunities, and promoting new opportunities to develop Climate Leadership

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Key highlights

Activities highlights: 2025 key activities

- WCRP Leadership Development Workshop
- Promoted climate science training and Global South Inclusion in various regional events:
 - COP30 in Brazil (onsite)
 - AOGS in Singapore (onsite)
 - APAN in Thailand (onsite)
 - IVCEES in Vietnam (onsite)
 - RCCC in Sri Lanka (online)
 - AUN-EEC in Philippines (onsite)
 - CliC OSC in New Zealand (onsite)



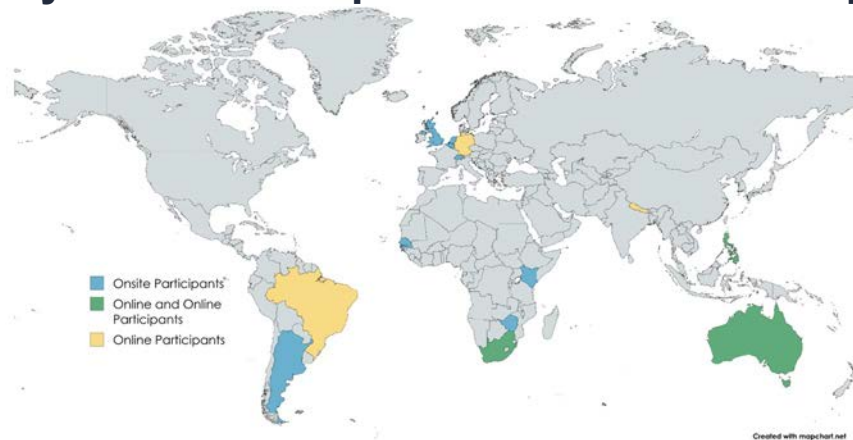


WCRP Academy Future Leaders Development Workshop

October 2025
Publication No: 11/2025
<https://wcrp-academy.org>



2-day hybrid workshop: 18 onsite & 6 online participants



capacity-building experts, climate scientists, practitioners





Figure 6. Sticky note answers to "A leader within the WCRP is _____"

Who: the characteristics of a leader within WCRP	How: the operationalisation of effective leadership.	Why: the principles behind their leadership.
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Recognising that the climate crisis cannot be distanced from complex developmental challenges, **climate scientists must also be capacitated to become effective leaders** who can collaborate with practitioners and empower communities.

While there are many available training opportunities for increasing technical capacity, there is little to no support available for developing leadership values and skills within WCRP and the larger climate science community

Workshop insights on ways forward

- A **mentorship programme** is critical, but this will only be effective if mentors are capacitated to become effective in providing guidance and support.
- A **personal development component** must be integrated, serving as the basis of the leadership training programme.
- Mentorship, personal development, and leadership resources can be developed into **training modules**, which will serve as critical toolkits for capacitating individuals.
- **Equity and inclusion** must be established as core pillars of the programme.

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Engaging with WCRP community

Support for **Global South Inclusion Task Team** activities: survey and regional workshops

Side session on Global South Inclusion at **CMIP Community Workshop**

Session on Climate Literacy at **Rifs/CORDEX** workshop in Africa and, and Stakeholder Engagement in Asia

Participating in the Pan-CLIVAR meeting and **CLIVAR** Symposium in Bali

Archiving several training resources developed by **MCR** in Academy website

Continuously promoting **WCRP-organized training events** on Academy social media and newsletter

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Publications

- **First global stocktake results:** under review (expected to be published within the year)
- **Analysis of current opportunities featured in Academy catalogue:** draft ready for submission (preliminary results presented during Regional Climate Change Conference in Oct 2025)

Planned:

- **Climate leadership development:** based on discussions from Cape Town workshop
- **Global South Inclusion:** based on discussions from CMIP workshop side session (organized with GSITT and MCR)
- **Next round of global stocktake in 2026:** with special focus on climate leadership training opportunities

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Climate services: capacity building resources

Explore the Comprehensive Catalogue of Climate Science Training

The Academy's catalogue offers diverse, accessible training for climate researchers, practitioners, and policymakers of all career levels. Use tools and filters to find the perfect course for you.

Upcoming training




Joint Conference of the 13th International Conference on Tropical Marine Environmental Changes (MEC) & 6th CLIVAR Climate Dynamics Panel (CDP) Annual Workshop on "Abrupt changes and tipping points"

Overview We are pleased to release the Second Announcement of the Joint Conference on Abrupt Changes and Tipping Points, co-hosting the 13th International Conference on Tropical Marine Environmental Changes (MEC) . . .

📅 April 13, 2026 - March 16, 2026
👤 Conference (In person)
📌 Physical Science Basis of Climate Change

[View entry →](#)

Upcoming training




Geophysical Sciences Summer School: Rossbyalooza 2026 – Earth System Predictability across Scales

Background Rossbyalooza is a student-led summer school at the University of Chicago. It is named after the Swedish meteorologist Carl Gustav Rossby and Lollapalooza, the annual music festival of Chicago. . . .

📅 July 20, 2026 - July 31, 2026
👤 Seasonal school (In person)
📌 Physical Science Basis of Climate Change

[View entry →](#)

Upcoming training



PREVENT Early Career Forum on Mediterranean Seasonal Forecasting Research

Overview The PREVENT Seasonal Climate Forecasting Forum 2026 is a ten-day immersive scientific event dedicated to advancing seasonal climate prediction, understanding climate extremes, and connecting cutting-edge research with real-world societal . . .

📅 August 26, 2026 - September 4, 2026
👤 Conference (In person)
📌 Physical Science Basis of Climate Change, Climate Change Impacts, Adaptation, and Vulnerability

[View entry →](#)

[View more training opportunities](#)

Our online training catalogue is accessible to all, including policymakers and development practitioners.

The Academy is also trying to secure additional resources to develop climate leadership training modules



Building partnerships beyond WCRP

- International Universities Climate Alliance (IUCA)
- Association of Commonwealth Universities (ACU)
- Asia-Pacific Network of Early Career Professionals for Global Change Research (APN-ECAP)
- Adaptation Research Alliance
- START International
- UK Met Office - Scalable Climate Services and Value Propositions: Transformational Training and User Support project
- Thailand Department of Climate Change and the Environment (CCE)
- Climatedata Academy

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Future plans and priorities

WCRP Future Leaders Programme



The WCRP Future Leaders Programme is envisioned to become the flagship program of the Academy for shaping the next generation of future climate scientists.

Objectives:

1. Build a vibrant community of aspiring climate scientist leaders
2. Increase opportunities for leadership development in climate science
3. Amplify the visibility and work of the WCRP Academy



Flagship activities of the WCRP Future Leaders Programme

Academy scholars

Building the leadership skills of promising young climate scientists



Knowledge exchange initiative

Breaking down silos to share knowledge across WCRP



Climate leaders summit

Empowering regional climate champions to foster growth and inclusivity.



wcrp-academy.org/wcrp-future-leaders-programme/

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Continuous fundraising efforts

- Submitted proposals specifically focused on capacity-building, awaiting results:
 - APN: USD 40k
 - Spencer Foundation: USD 500k
 - Philanthropies
- Continuously looking for funding opportunities to support operation of the Academy SU and implementation of the WCRP Future Leaders Programme

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Suggestions, issues or challenges

Further engagement with WCRP community

- **EMCR Task Team:** can be potentially absorbed by Academy, as many of our activities are overlapping
- **WCRP Fellowship:** can help explore/plan how to move forward with the Fellowship
- **My Climate Risk:** exploring integration of regional hubs into Academy network as part of sunseting
- **Joint proposals** could be an excellent way to facilitate collaboration; integrating capacity-building components also strengthen proposals

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Thank You

