

46th Session of the World Climate Research Programme
Joint Scientific Committee



WCRP
Academy

**Advancing Climate Science
for a Sustainable Future**



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.

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.



Training
providers

A central graphic consisting of a blue-to-green gradient rectangle. Inside the rectangle, a white double-headed arrow points horizontally. The text "WCRP Academy" is written in white across the middle of the rectangle. The rectangle is flanked by two vertical dashed lines, one on each side.

WCRP Academy



Climate
researchers
needing training

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
- Oct 2023: Website launched at OSC 2023, including online training catalogue

2024

- Oct 2024: WCRP Academy Support Unit hosted by Manila Observatory, the first WCRP support office in the Global South

2025

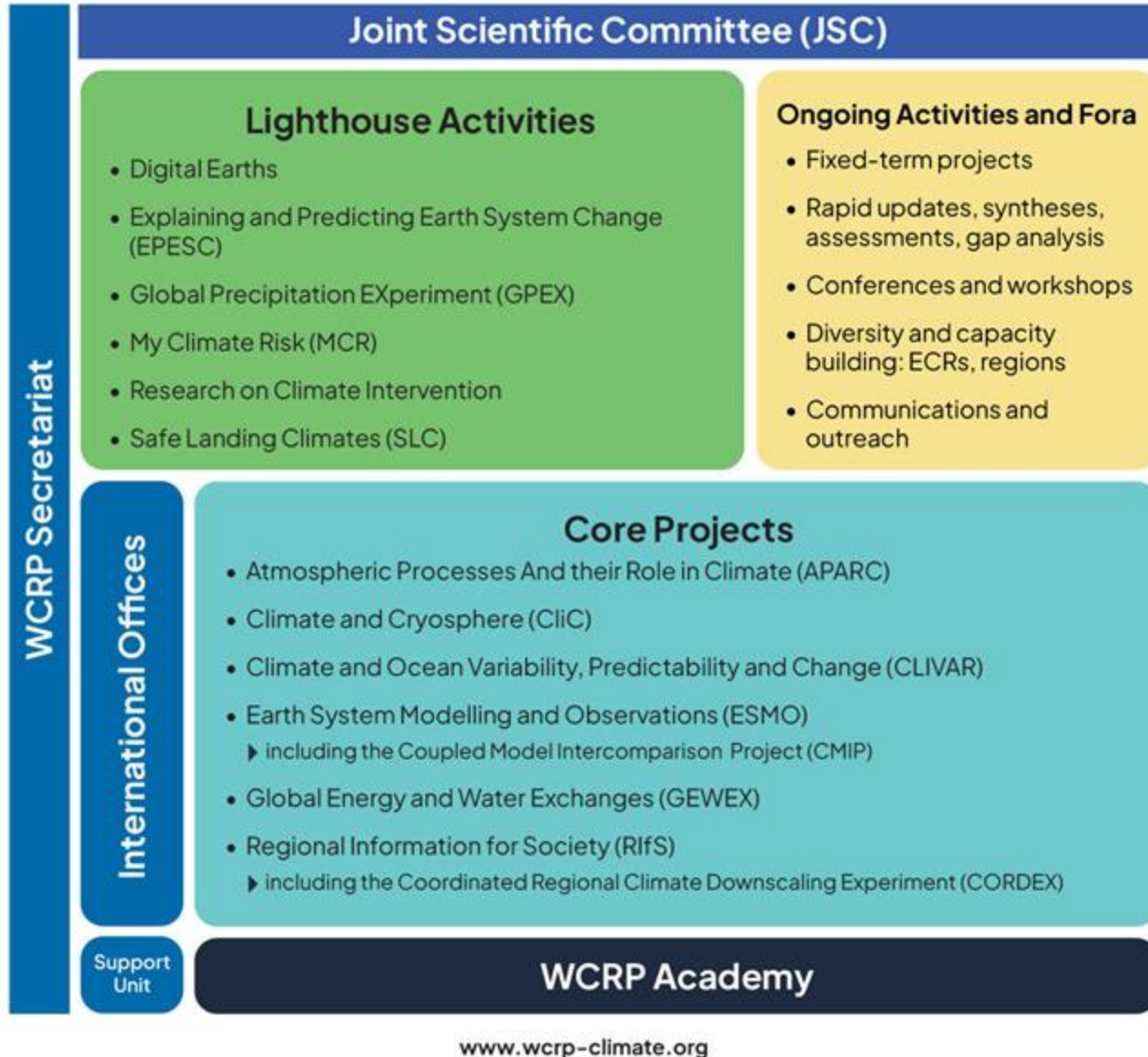
- Mar 2025: Re-launched website with better functionalities and analytics

WCRP

World Climate
Research Programme



Direct interaction with the WCRP Community



JSC: Support for Global South inclusion Task Team

Digital Earths

EPESC

GPEX

MCR: Collaborate with Education Working Group

RCI

SLC

APAR

CliC: First roadshow at CliC OSC2026, setup “Polar” page

CLIVAR: Participate in meeting and symposium in SEA

ESMO: Host Fresh Eyes on CMIP workshop in Asia/Oceania

CMIP: Explore WCRP Moodle setup

GEWEX

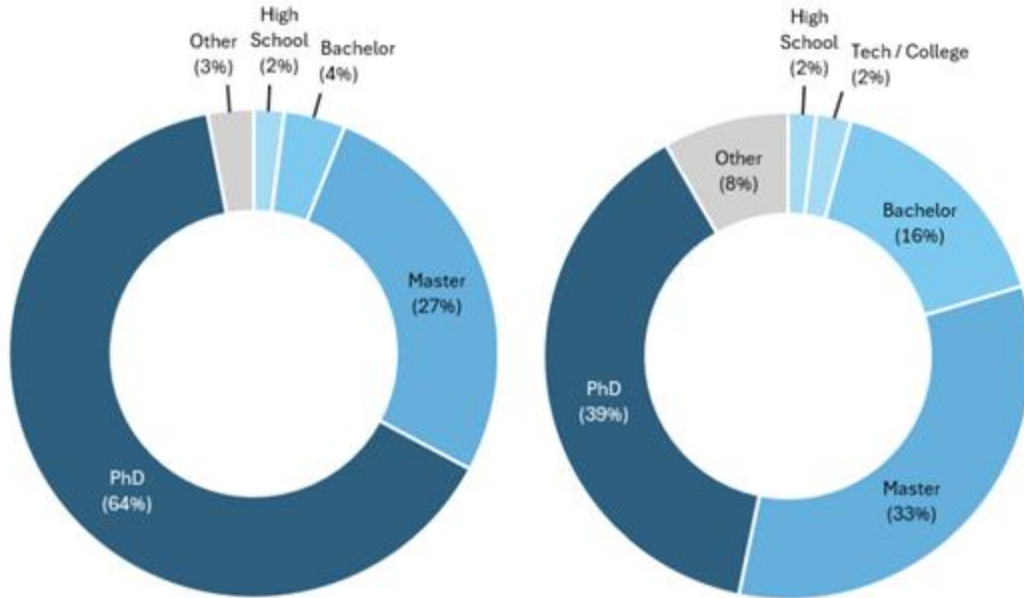
RifS: Parallel activities in Africa meeting (climate literacy)

CORDEX: Support Asia strategic planning

Global South Inclusion

Global Divide

Comparison of educational level by region (n= 414)

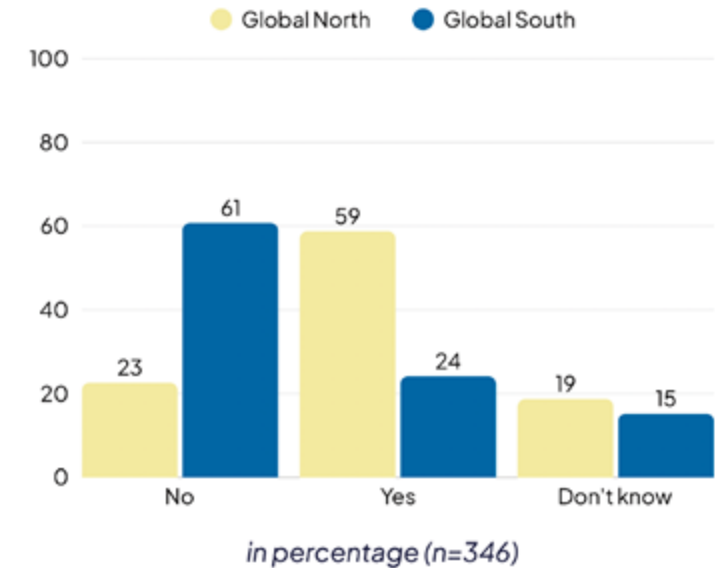


Highest level of formal education of **Global North** respondents

Highest level of formal education of **Global South** respondents

Is climate science training in your region adequate?

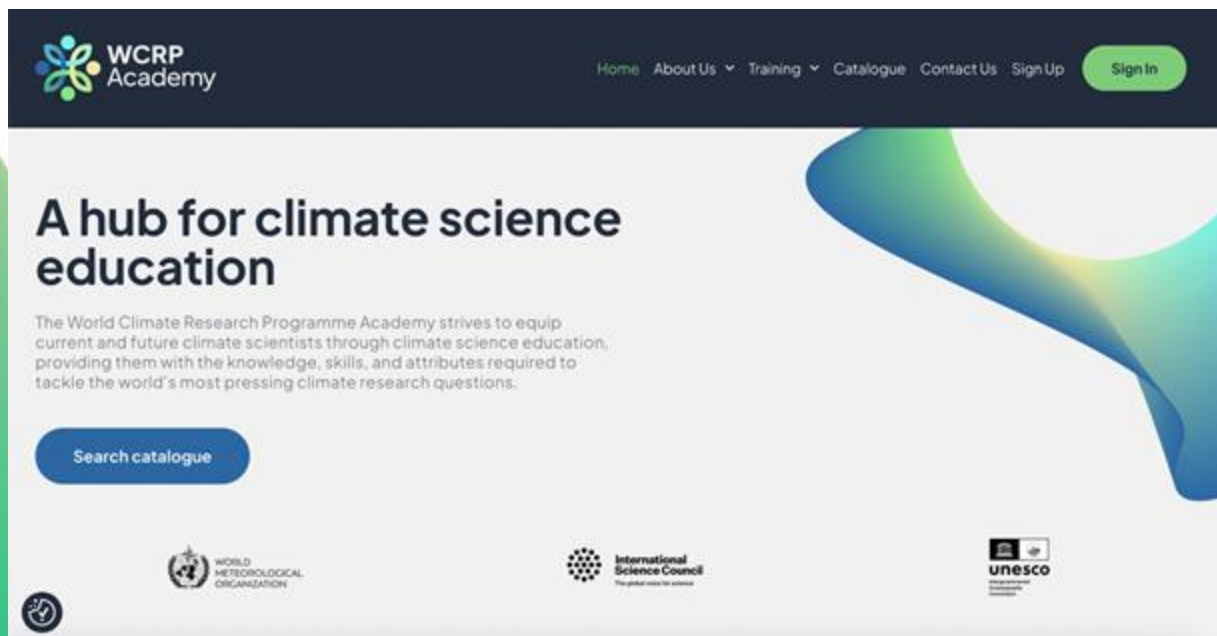
Most respondents from the **Global North** (59%) felt that the climate science training and education available in their country was adequate to allow researchers to work effectively on climate change science and associated fields, compared to only 24% in the **Global South**.



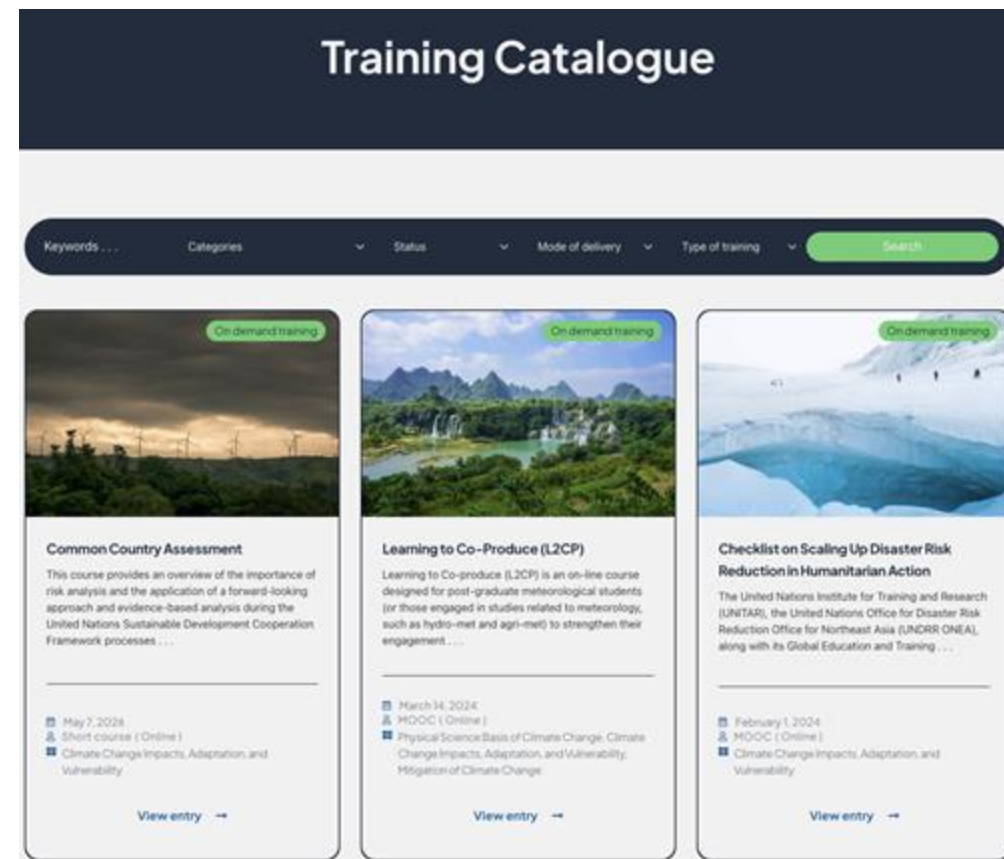
Our proposition

Climate training as a means to level the playing field and increase diversity in climate research and knowledge production.

Re-launched our website and training catalogue (Mar 2025)



wcrp-academy.org



Addressing training needs in the Global South

- **Curating our catalogue:** Capture more events led and located in the Global South, including non-English training opportunities
- **Contemporary topics:** sustainable development, environmental science, geography, agriculture, climate policy, engineering, and science communication
- **Going beyond physical sciences:** include social sciences and indigenous knowledge systems in climate training
- **Training for non-scientists:** build the capacity of local communities most vulnerable to climate change
- **Overcoming funding/visa constraints:** online formats deemed more accessible especially if are available for free

Our catalogue (since Oct 2023)

153

Events
featured

106

Online/hybrid
events

48

Training
providers

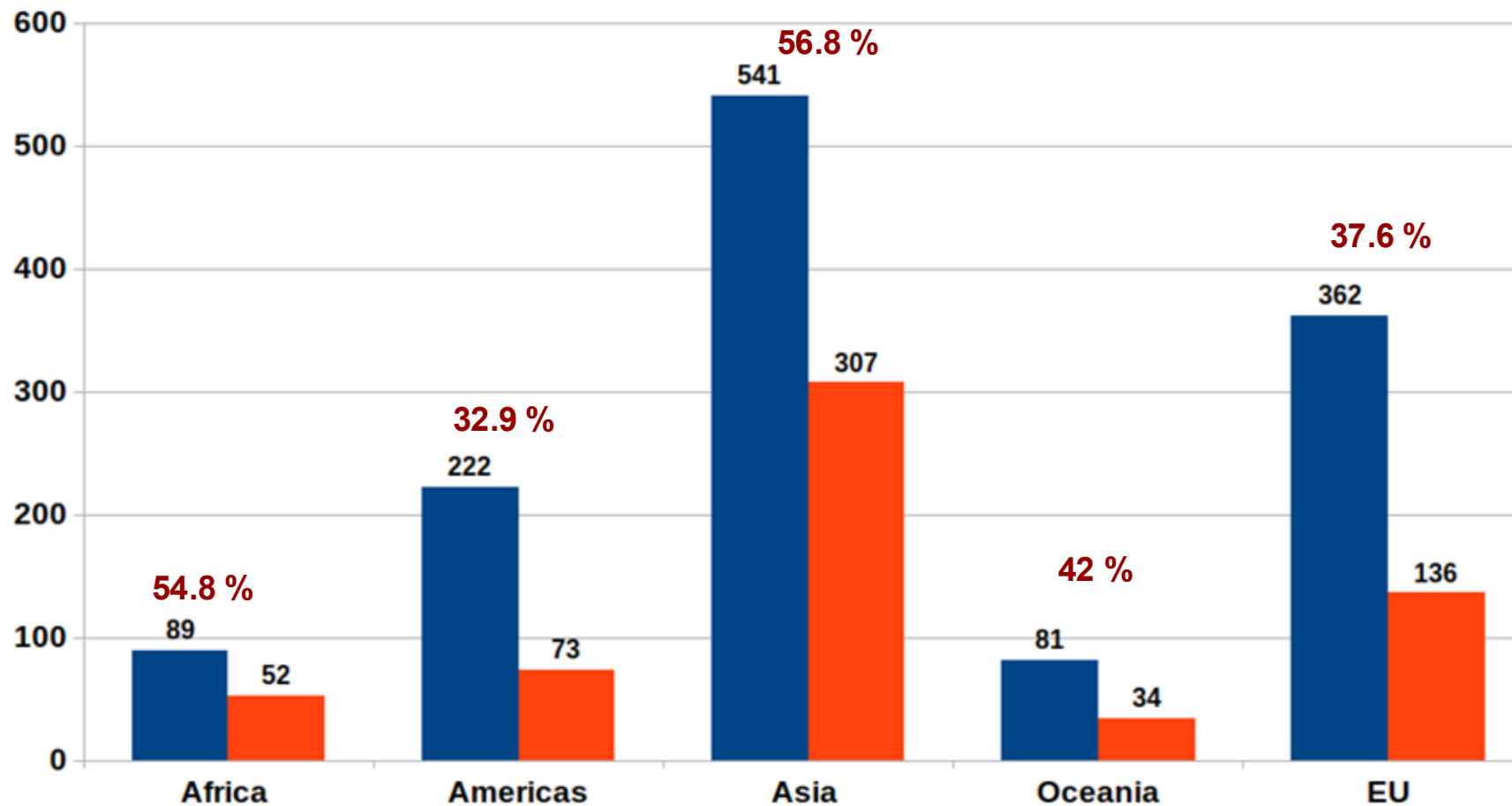
47

In-person
events

Reach of our website/catalogue

Usage Statistics : Region

■ Sessions
■ Engaged sessions



Total:

Sessions: 1295

Engaged
Sessions: 602

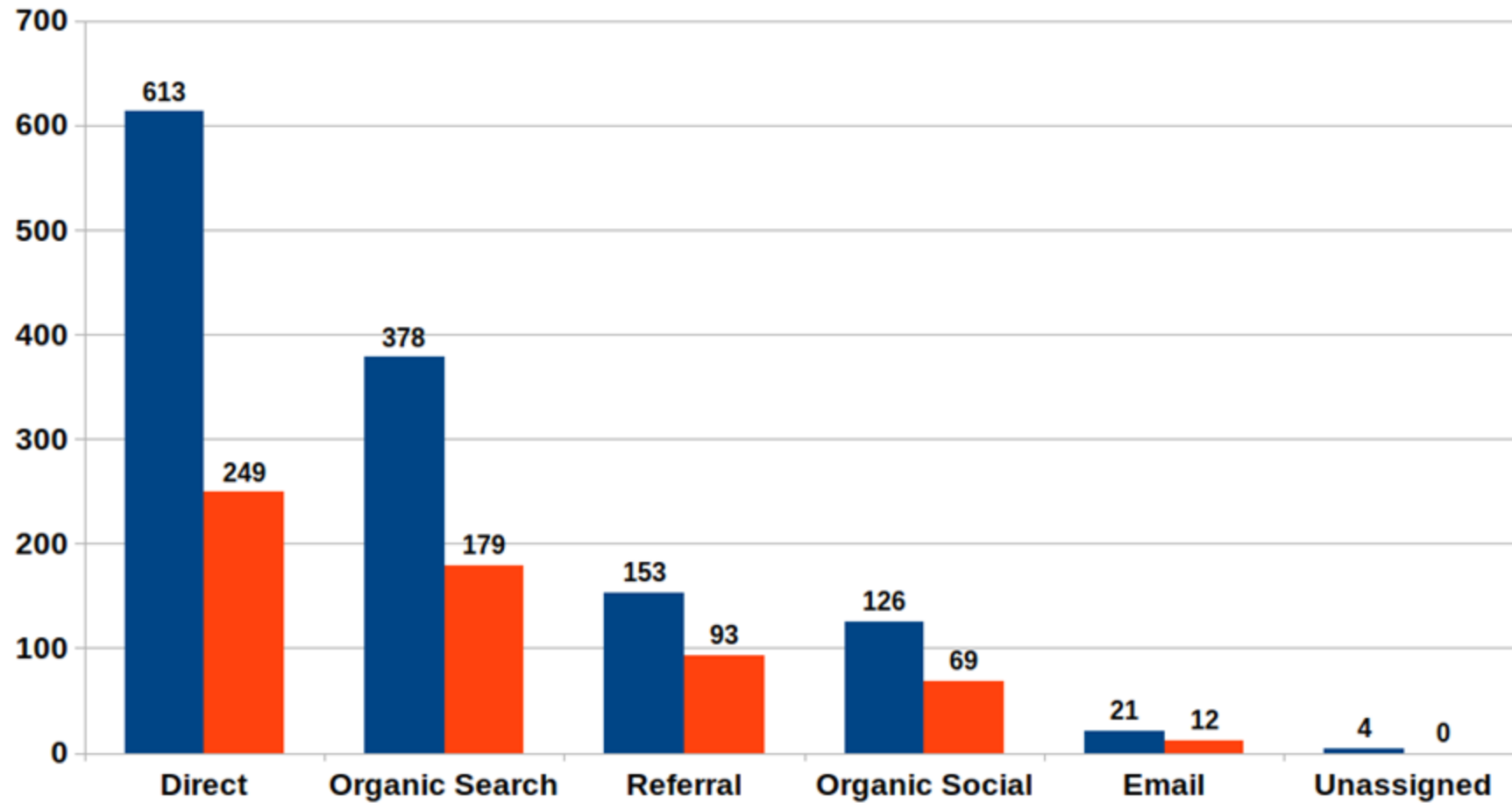
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Usage Statistics : Source

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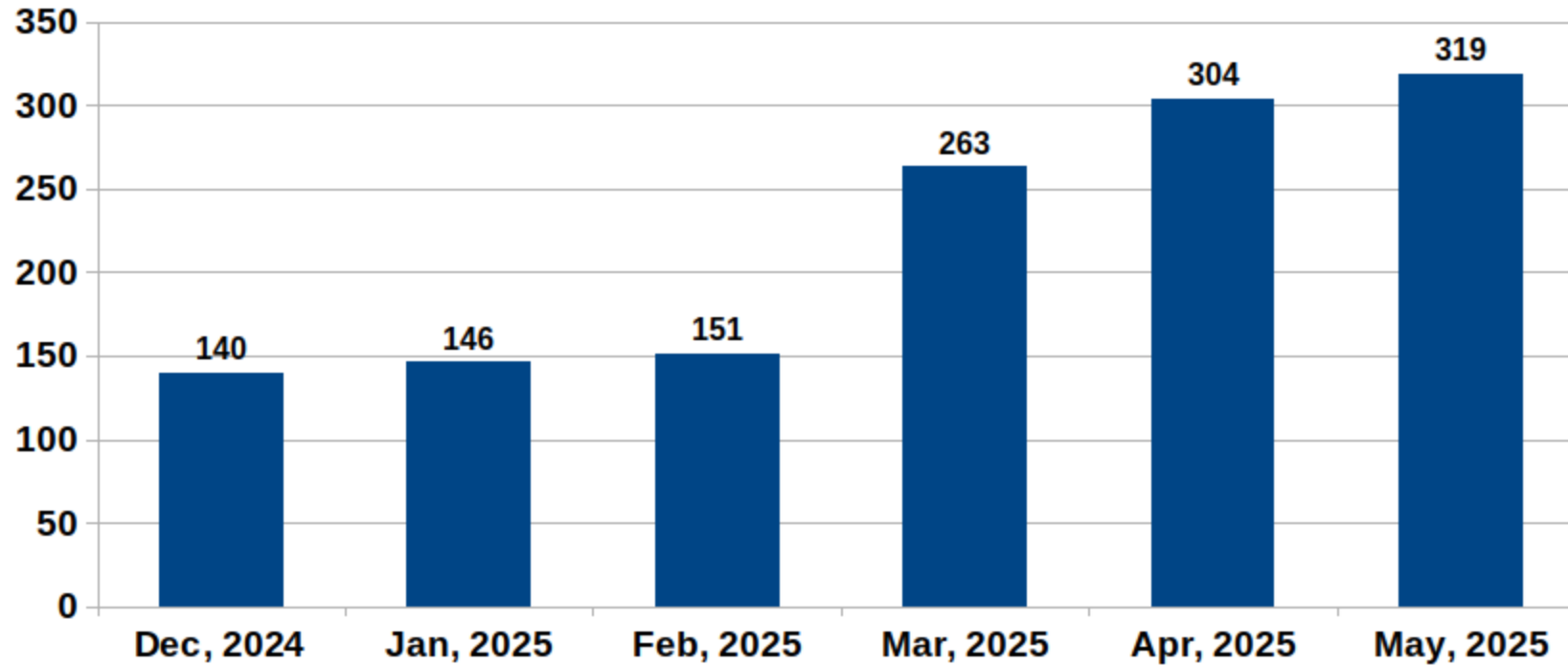
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Newsletter: Metrics

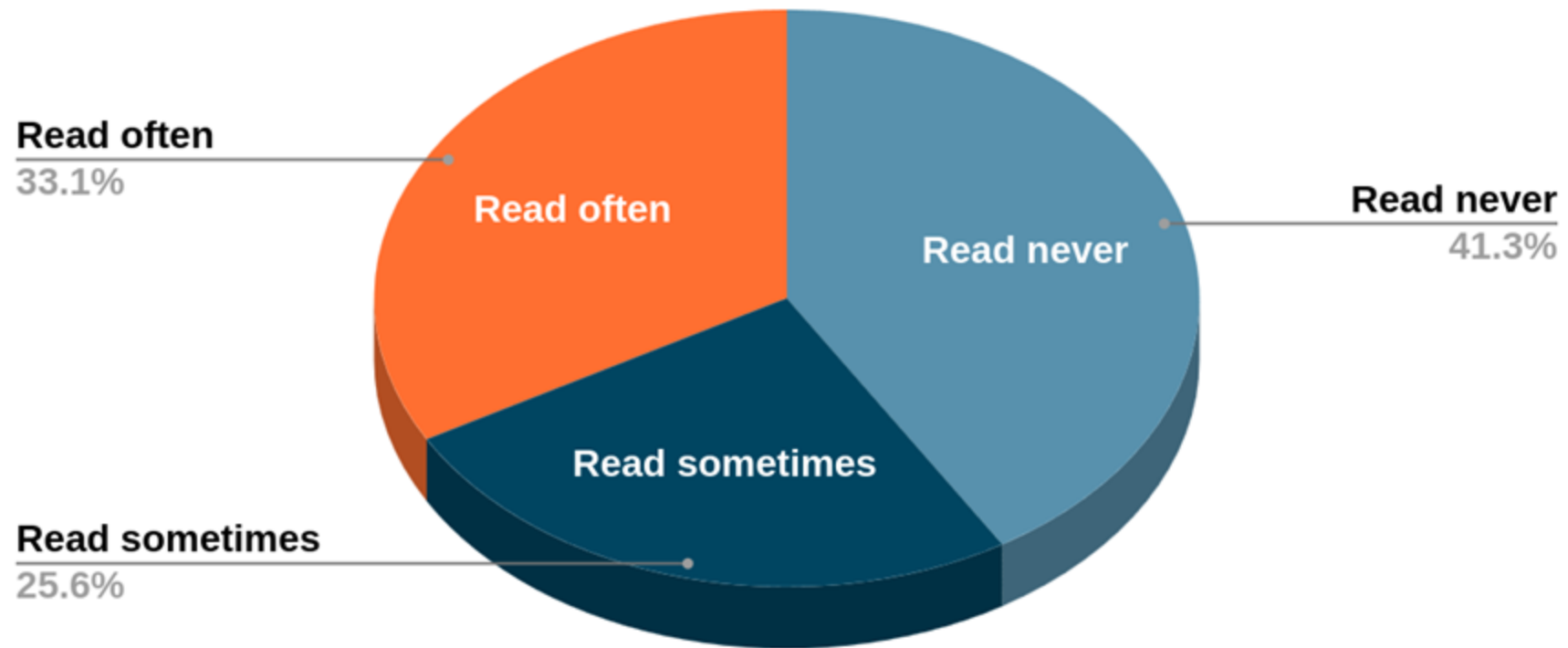
Newsletter Subscriber Growth



till,
the 12th
of May

Newsletter: Metrics

Subscriber Engagement



Reaching our audience through social media

Sessions by
Session source / me...



SESSION SOURCE / ...	SESSIONS
(direct) / (none)	614
google / organic	353
wcrp-climate.org / re...	76
linkedin.com / referral	72
l.facebook.com / ref...	22
newsletter / email	21
facebook.com / refer...	18

- **LinkedIn:** higher engagement for posts related to upcoming training events as well as job opportunities (>8k impressions for all posts since Jan 2025)
- **Facebook:** more personal engagement for posts such as “Scientist of the Month” (>3.5k views for Svitlana)



- ✓ Posting three times a week
- ✓ Sharing posts from WCRP and CP/LHA accounts
- ✓ Setting up BlueSky soon

Svitlana Krakovska
Senior Scientist, Head
Applied Climatology Laboratory
Ukrainian Hydrometeorological Institute

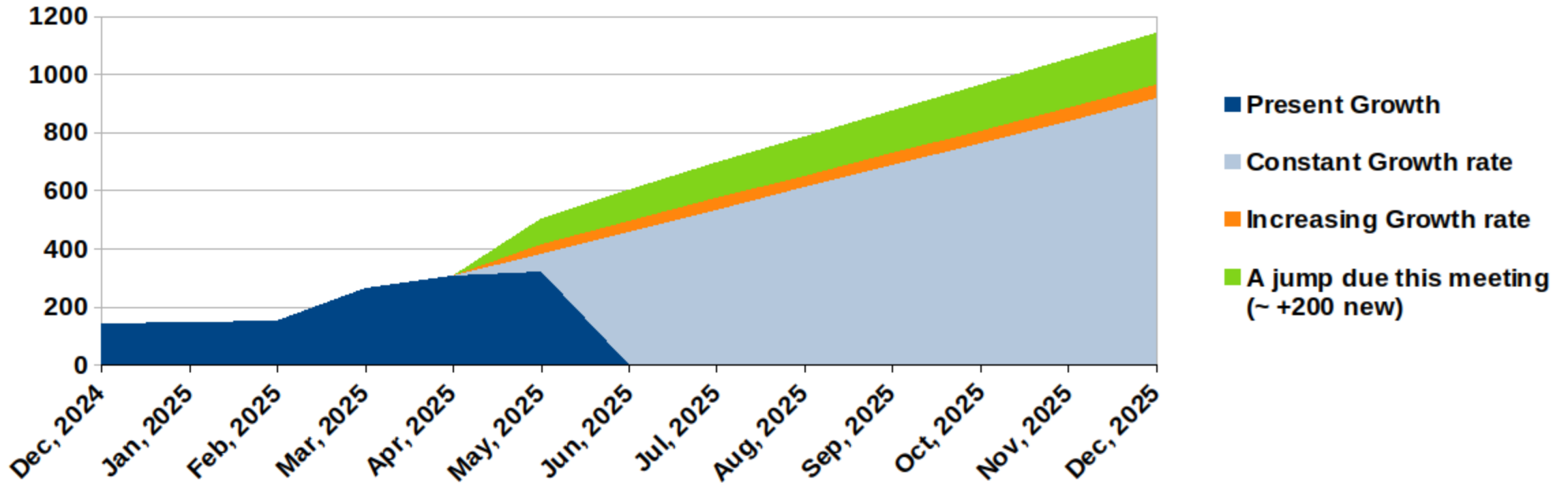
society. Educating future experts means preparing them to think across disciplines, solve complex problems, and lead the transformation of society to achieving Sustainable Development Goals.



To know more about the Academy, visit <https://wcrp-academy.org>

Newsletter: ScenarioMIP

Potential Scenarios



WCRP Future Leaders Programme

Leadership challenges in the Global South

Global South scientists have many, many responsibilities

- Advise government leaders
- Engage local communities
- Guide planners and practitioners
- Support negotiations

But have fewer resources

- Fewer local experts
- Lack of quality local data
- Lack of funding
- Lesser access to localized training

We need scientist leaders who are well-rounded, creative, resourceful, comfortable with uncertainty, able to engage with diverse stakeholders with diverse questions/needs...

WCRP Future Leaders Programme



The WCRP Future Leaders Programme is envisioned to accomplish the following components through thoughtfully designed activities over the next three years:

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

Flagship activities



**Academy Fellowship
Programme**



Mentoring* Programme

*Name/approach under development



WCRP Climate Leaders Summit

Flagship activities to be carried out annually

Near-term (Month 1 - 12)

Creating a vibrant community of aspiring climate scientists

Website updates to include:

- Search Engine Optimization
- Usage statistics
- Feedback section
- Training wishlist

Continuous curation of training catalogue, including ability to search by region, language etc

Increasing opportunities for capacity development

Sharing of best practice tools for organizing climate science training

Capacity development best practices

Continuous global stocktaking of training needs (including through survey forms on website)

Amplifying the visibility and work of the WCRP Academy

Social media presence and campaigns

Exploring strategic partnerships, including with ECR networks

Academy presentations at conferences and other events

Medium-term (Month 13 - 24)

Creating a vibrant community of aspiring climate scientists

Website language support

Job board

Training resources / Library section

Increasing opportunities for capacity development

Presentation of best practice tools (including proposal for increasing mentoring opportunities across WCRP) at JSC-47

Based on best practices, endorse top training events with Academy Badges

Hosting webinars on climate science training and capacity development

Amplifying the visibility and work of the WCRP Academy

Organizing roadshows and side events at strategically important conferences, particularly those being organized in the Global South

Long-term (Month 25 - 36)

Creating a vibrant community of aspiring climate scientists

Online forum for training recipients, allowing them to:

- register and create their profiles on the website
- express interest in / upvote training events
- share training wishlists, ideas, fellowship opportunities and other resources with fellow training recipients

Increasing opportunities for capacity development

Mentoring programme

Academy fellowship programme

Amplifying the visibility and work of the WCRP Academy

Building a network of regional champions for climate science education through WCRP Climate Leaders Summit

Continued Academy Roadshows

Upcoming journal paper

“Inclusion and diversity in science enables the scientific community to ask different questions and produce different types of knowledge that address a variety of purposes, whereas the lack thereof further marginalizes communities that utilize the results of these research activities. The need for diversity also extends beyond science, with training also needing to produce societally engaged climate scientists with competencies that allow for collaboration and engagement with other researchers, communities, and decision-makers.”



Contact us!

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Thank You



www.wcrp-climate.org



Near-term (Month 1 - 12)

Creating a vibrant community of aspiring climate scientists

Website updates to include:

- Search Engine Optimization
- Usage statistics
- Feedback section
- Training wishlist

Continuous curation of training catalogue, including ability to search by region, language etc

COST:

To be covered by Academy SU activities

Increasing opportunities for capacity development

Sharing of best practice tools for organizing climate science training

Mentoring best practices

Continuous global stocktaking of training needs (including through survey forms on website)

COST:

To be covered by Academy SU activities

Amplifying the visibility and work of the WCRP Academy

Social media presence and campaigns

Exploring strategic partnerships, including with ECR networks

Academy presentations at conferences and other events

COST:

CHF5,000 - Attendance in two conferences where Academy can organize roadshows/side events in the future

Medium-term (Month 13 - 24)

Creating a vibrant community of aspiring climate scientists

Website language support

Job board

Training resources / Library section

COST:

To be covered by Academy SU activities.

Increasing opportunities for capacity development

Hosting webinars on climate science training and capacity development

Presentation of best practice tools (including proposal for increasing mentoring opportunities across WCRP) at JSC-47

COST:

To be covered by Academy SU activities.

Based on best practices, endorse top training events with Academy Badges

COST:

CHF5,000 - Enhance Academy profile through creating/ disseminating Academy badges

Amplifying the visibility and work of the WCRP Academy

Organizing roadshows and side events at strategically important conferences, particularly those being organized in the Global South

COST:

CHF35,000 - Enhance Academy profile and footprint at international events. Creation of Roadshow materials

Long-term (Month 25 - 36)

Creating a vibrant community of aspiring climate scientists

Online forum for training recipients, allowing them to:

- register and create their profiles on the website
- express interest in / upvote training events
- share training wishlists, ideas, fellowship opportunities and other resources with fellow training recipients

COST:

CHF20,000 - website development (online forum)

CHF5000pa - website maintenance (including online forum, training catalogue etc)

Increasing opportunities for capacity development

Academy fellowship programme
Mentoring programme

COST:

CHF5,000 - Programme development and refinement and execution

CHF70,000 pa – Fellowship program

CHF40,000 pa – Mentoring* program

Amplifying the visibility and work of the WCRP Academy

Building a network of regional champions for climate science education.

Continued Academy Roadshows

COST:

CHF50,000pa -seed funding for Climate Leadership Summit for ECRs and broader community.

CHF10,000pa - Continue enhancing Academy profile and footprint at international events.