



YOUNG  
EARTH SYSTEM  
SCIENTISTS  
**community**

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# Who we are

*“The YESS community strives to help **shape the future** of Earth system science, by **fostering international and transdisciplinary leaders** of tomorrow who pioneer the development and delivery of research and knowledge, which provide solutions to benefit society, towards a more **equitable and sustainable future**”.*

YESS Strategic Action Plan

# Structure

>2500 members from >120 countries



YESS is focussed on (but not limited to) PhD students, Post-Docs, Master students and early career researchers 7 years after their latest degree. Provided parental leave fell into that period, up to one year of parental leave time may be added per child, where appropriate.

YESS  
Officer



# Structure

## Regional Representatives 2024/25



# Latest developments

- **YESS participation in international events** (WCRP JSC, WWRP SSC EGU, SRI) and **initiatives** (WWRP SSC and Working Groups, WMO RB, WCRP LHAs, GAW SSC, FE Governing Council, AIMES SSC, Fresh Eyes on CMIP)
- **2nd EMCR perspective** on growing data-intensive activities in climate research
- **Manuscript** on the EMCR involvement in the IPCC report reviews
- **Comment** with WCRP OSC side event outcomes
- **8 webinars** series

# ECR activities during international events

In 2022, YESS started co-organizing the first in-person activities during events since COVID-19. Some of the last ones were:

- Trivial network at **ICRC-CORDEX 2023 in Trieste (Italy)**
- At **WCRP OSC 2023 in Kigali (Rwanda)**
  - 2 side events
  - Early and Mid Career Researchers Symposium



# ECR activities during international events

Right now, YESS is co-organizing the **GEWEX ECR workshop**, that will take place in Sapporo (Japan) between July 4th and 6th.

Also, we are part of the organizing committee of the **WWRP HIWeather Final Conference**, to be held in Munich (Germany) between September 9th and 13th.



EARLY CAREER RESEARCHER (ECR)  
WORKSHOP  
4-6 July 2024  
*Extremes in the water cycle and risks to society:  
Understanding 'actionable' information in hydroclimate research*  
GEWEX Open Science Conference  
Sapporo, Japan  
**CLOSED APPLICATIONS**

Logos: GEWEX, WCRP, YESS, AGU, H3S



HIWEATHER FINAL CONFERENCE  
9-13 Sep 2024  
Munich, Germany  
Submission of abstracts is now invited!  
Address: LMU Munich, Öttingenstraße 67, 8538 München  
Website: <http://www.hiweather.net/article/217/285.html>  
Email: [hiwico@ma.gov.cn](mailto:hiwico@ma.gov.cn)

Logos: HIWeather, WORLD METEOROLOGICAL ORGANIZATION, WWRP, Deutscher Wetterdienst, IMU, KIT, Hans Ertel Centre for Weather Research, CATALYST FUND

# Article on growing data-intensive activities in climate research

The authors are analyzing the responses of the survey to prepare a second perspective paper on the surging data-intensive activities in climate science

In addition to this article, we decided to have active participation in CMIP with an ECR perspective joining WCRP's Fresh Eyes for CMIP



# IPCC AR6 Early Career Group Review

Last year, **YES**, **APECS**, **PYRN**, **MRI**, and **PAGES ECN** coordinated an **IPCC group review** by Early Career Researchers (ECRs) for the 6th Assessment Report (AR6) by the Intergovernmental Panel on Climate Change (IPCC).

The **perspective** involves the first and second order draft of the IPCC's Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC) and AR6 (WG I and II).

A first draft was submitted in March. Now, the team, comprising 47 ECRs from 26 countries, is replying to the reviewers' comments. A new version will be ready in early June.

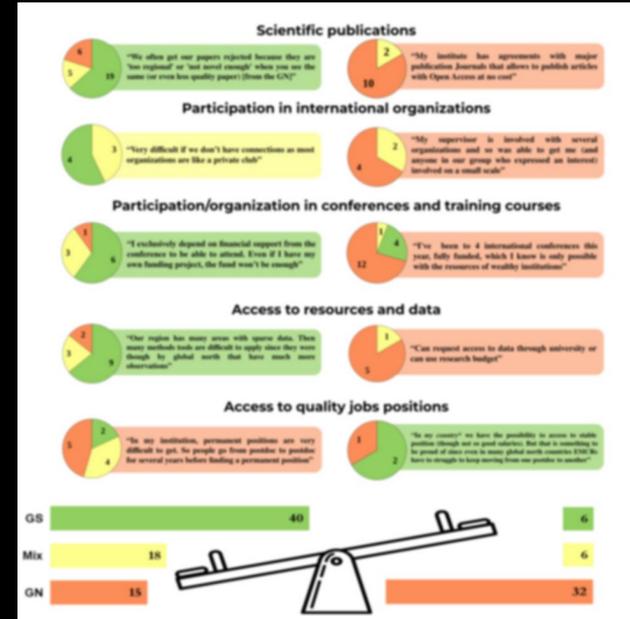


# Comment for Nature on WCRP OSC outcomes

During the WCRP OSC, YESS hosted a side event to discuss the **Early-Mid Career perspectives on South-North inequalities**.

Following the fruitful conversations that took place during the event, and taking into account the experiences from the participants, we prepared a comment entitled **“Could we balance the seesaws of South-North inequalities in climate/Earth sciences? An Early-mid career perspective”**. The draft will be submitted to *Nature Communications Earth & Environment* in June.

We want to thank **WCRP** for giving us the opportunity of organizing this side event and **Regina Rodrigues** for putting us in contact with the editor of Nature.



# YESS webinar series

Between 2020 and 2024, we hosted and co-hosted more than 40 webinars of different topics:

- **Compartimos ciencia (Sharing science)** → South America and North America
- **Job hunting support in academic and non-academic sectors of Earth Science for Early Career Researchers** → second webinar will be about **Charting career path as an Early-Career Earth Scientist in a non-academic sector**



**SHARING SCIENCE**  
A space to talk about the latest research from our North American members

Advanced Terrain Modification Tools in HEC-RAS  
Explainable machine learning for climate science

**March 12th 2024**  
**7pm UTC**

**Thomas Poulose**  
Consort Engineers

**Zachary Labe**  
NOAA/Princeton University



**WEBINAR SERIES ON  
CHARTING CAREER PATH AS AN  
EARLY-CAREER EARTH SCIENTIST**

**Webinar 1: Charting career path in academic sector**

Register to attend!

**May 17th 1pm UTC**

# YESS webinar series

- YESS & GAWTEC webinar series: *Greenhouse gases and atmospheric composition measurements* and *Reactive gases*
- YESS & HIWeather webinar series: *Exploring the role of citizen science* and *The power of participation: citizen engagement in weather and climate science and action*



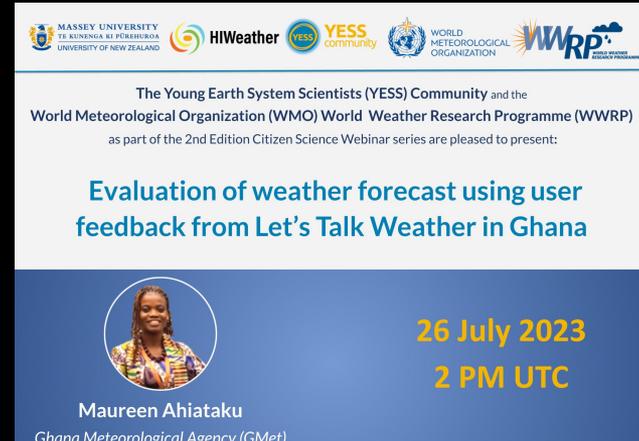
Logos: World Meteorological Organization, Young Earth System Scientists Community, Bayerisches Staatsministerium für Umwelt und Verbraucherschutz, Umwelt Bundesamt, YESS community.

Second edition of the GAWTEC webinar series on **Reactive Gases**

**Martin Steinbacher**  
EMPA

Carbon monoxide in the atmosphere - measurement techniques

November 4th, 02:00 PM UTC



Logos: Massey University, HIWeather, YESS community, World Meteorological Organization, WWRP.

The Young Earth System Scientists (YESS) Community and the World Meteorological Organization (WMO) World Weather Research Programme (WWRP) as part of the 2nd Edition Citizen Science Webinar series are pleased to present:

**Evaluation of weather forecast using user feedback from Let's Talk Weather in Ghana**

  
**Maureen Ahiataku**  
Ghana Meteorological Agency (GMet)

**26 July 2023**  
**2 PM UTC**

# YES Office

The Argentinian National Meteorological Service (SMN) has been **the host of the YES Office** since 2017

The YES Office has collaborated in **most of the achievements of the community**: it supports the **daily operations** of YES network and planning of international activities. **It allowed us to grow and build a strong network**

Right now, **Argentina is going through budget cuts in all governmental agencies, including SMN**. This places the YES Office in a precarious position and under the threat of **potential discontinuation**

A letter was sent to different WMO programmes and key people **asking for support on this topic**

“We believe that we can shape a truly international and sustainable research network that will complement and integrate ongoing activities in the short term and will benefit the international research community in the long term by training and creating opportunities for future leaders”.

– *YESS Community* –

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YESSCommunity



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