

TWAS-IPCC Workshop

# JOINT CLIMATE SCIENCE NETWORK, MENTORSHIP AND CAPACITY GROWTH

Funded by the Packard Foundation

Arrival in Trieste: 13 May 2024  
Activities in the Budinich Lecture Hall, ICTP: 14, 15, 16 May 2024  
Departure from Trieste: 17 May 2024

## TUESDAY, 14 MAY 2024

8:30 - 9:30 Welcome, registration, and seating in the Budinich Lecture Hall

9:30 - 10:00 Opening and welcome

*Addresses from representatives of organising institutions:*

- ICTP: Atish Dabholkar, ICTP Director
- TWAS: Max Paoli, TWAS Programme Coordinator
- IPCC: Ladislaus Chang'a, IPCC Vice Chair

10:00 - 11:00 General introduction to the IPCC and the science-policy interface

1. The role, structure, and functioning of the IPCC
2. IPCC milestones
3. Scope of the IPCC assessment
4. How to participate
5. Personal experience, the IPCC in real life

*Speaker(s):*

- Anna Pirani
- Youba Sokona
- Mxolisi Shongwe

11:00 - 11:15 Group photograph

11:15 - 11:35 Coffee break

11:35 - 12:35

## How is an IPCC Assessment produced?

*How are the assessment conclusions - SPM headlines and visuals - derived.*

- What is an IPCC assessment
- What are the steps of the assessment process
- How is an assessment undertaken and what is the evidence base of the assessment – peer-reviewed, grey literature
- Communicating uncertainties and using uncertainty language
- Policy-relevant but not policy-prescriptive conclusions and key messages
- From the assessment to the approval of the SPM, the role of governments

*Speaker(s):*

- Andrew Okem
- Shreya Some
- Melinda Tignor

12:35 - 13:05

## Communicating science: How to effectively communicate to support the understanding and uptake of IPCC findings

*Speaker(s):*

- Katherine Leitzell

13:05 - 14:05

## Lunch

14:05 - 14:15

## Introduction to the workshop

*Speaker(s):*

- Katherine Leitzell
- Aditi Mukherji

14:15 - 15:45

## Discussion workshop: Communicating IPCC conclusions effectively and in a scientific robust way

Discussion break-out groups: students are divided into groups and assigned topics. Trainers are then distributed among the working groups to support students in understanding their assigned topics. The groups reconvene in the plenary session the following day to present their assigned topics.

*Trainers:*

- Anna Pirani
- Youba Sokona
- Lučka Kajfež Bogataj
- Andrew Okem
- Shreya Some
- Melinda Tignor
- Jan Fuglestedt
- Katherine Leitzell
- Others

15:45 - 16:05 **Coffee Break**  
16:05 - 17:05 **The development of the IPCC key messages: Discussion, including the lessons learned in the sessions of each breakout group**

*Speaker(s):*

- Katherine Leitzell
- Trainers and selected student representatives of each group

19:00 **Social dinner on campus**

## WEDNESDAY, 15 MAY 2024

8:30 - 9:30 **Science topic: Equity as a key element of climate action**

*Speaker(s):*

- Minal Pathak

*Contributors:*

- Youba Sokona
- Others

9:30 - 10:30 **Science topic: Water, ecosystems and biodiversity nexus with development and the response to climate change**

*Speaker(s):*

- Aditi Mukherji

10:30 - 10:50 **Coffee break**

10:50 - 11:50 **Science topic: Food system and Climate Change**

*Speaker(s):*

- Edmond Totin
- Shreya Some

11:50 - 12:50 **What is the science-policy interface in practice?**

- Taking COP28 decision text: What is the science basis that it comes from
- The role of IPCC science in the UNFCCC negotiations and national policy setting
- How this is reflected in participants' countries
- How their context relates to international climate negotiations

*Speaker(s):*

- Jan Fuglestedt
- Anna Pirani
- Interview: Ladislaus Chang'a

12:50 - 14:00

## Lunch

14:00- 15:30

## Workshop: “Reaching consensus and negotiations” at the science-policy interface – the IPCC approval context

### *Trainers:*

- Anna Pirani
- Minal Pathak
- Ladislaus Chang’a

### *Role playing team:*

- Youba Sokona
- Andrew Okem
- Lučka Kajfež Bogataj
- Shreya Some
- Melinda Tignor
- Jan Fuglestedt
- Others

15:30 - 16:00

## Coffee break

16:00 - 16:30

## Discussion workshop: “Negotiating and reaching consensus” at the science-policy interface – the IPCC approval context

*Discussion on the lessons learned in the sessions of each working group.*

### *Trainer(s):*

- Anna Pirani
- Minal Pathak
- Ladislaus Chang’a
- Others

16:30 - 17:00

## Diversity and a broad knowledge basis for a policy relevant assessment

### *Speaker(s):*

- Anna Pirani
- Melinda Tignor
- Minal Pathak
- Edmond Totin

19:00

## Special dinner (restaurant)

## THURSDAY, 16 MAY 2024

8:30 - 9:30

Science topic: Achieving a step change in climate action to meet the Paris goals

*Speaker(s):*

- Youba Sokona

9:30 - 10:30

Science topic: What is net zero and climate overshoot

*Speaker(s):*

- Jan Fuglestedt
- Anna Pirani

10:30 - 10:50

Coffee break

10:50 - 11:50

Science topic: Distillation of robust regional climate change information – informing the assessment of climate risk from past to future changes, including attribution to human activities

*Speaker(s):*

- Ladislaus Chang'a
- Ines Camilloni
- Lucka Bogataj
- Erika Coppola (virtual)

11:50-12:20

Open discussion: Debrief of the workshop

Participants' impressions at the close of the workshop

*Facilitators:*

- Shreya Some
- Others

12:20 - 13:20

Lunch

13:20 - 14:00

How to participate in and effectively contribute to the IPCC.

- The different roles and responsibilities
- The role of contributing authors: an important entry point into the IPCC processes for emerging academics
- The role of chapter scientists

*Speaker(s):*

- Andrew Okem
- Mxolisi Shongwe
- Others

14:00 - 15:30

## Outlook of the TWAS-Packard IPCC initiative.

*Creating space for participants to network and interact with each other*

- Next steps, what would be useful going forwards
- Design of the TWAS-Packard ClimateNet Platform
- Brief explanation and overview of its possible components and functions and questions and feedback from participating students

*Speaker(s):*

- Giulia Gennari
- Youba Sokona
- Anna Pirani

Free dinner