



**United Nations** Climate Change  
PCCB Network

 COLUMBIA CLIMATE SCHOOL  
INTERNATIONAL RESEARCH INSTITUTE  
FOR CLIMATE AND SOCIETY



# Knowledge to action: Bridging the Science, Research, Policy & Practice Gap

Paris Committee on Capacity Building (PCCB)  
International Research Institute for Climate and Society (IRI)  
Overseas development Institute (ODI)  
Climate and Development Knowledge Network (CDKN)

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## Moderators

- **Mairi Dupar**, Climate and Development Knowledge Network (CDKN), Overseas Development Institute (ODI)
- **Mélody Braun**, International Research Institute for Climate and Society (IRI), Columbia University

## Speakers

- **Margaret Angula**, University of Namibia, Namibia (in person)
- **Kamal Devkota**, Southeast Asia Institute of Advanced Studies, Nepal (recorded)
- **Rosa Morales**, General Director of Climate Change and Desertification (Directora General de Cambio Climático y Desertificación, Ministerio del Ambiente)
- **John Furlow**, International Research Institute for Climate and Society (IRI), Columbia University





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- OR, go to <https://www.menti.com/8d4g2ia8ov>





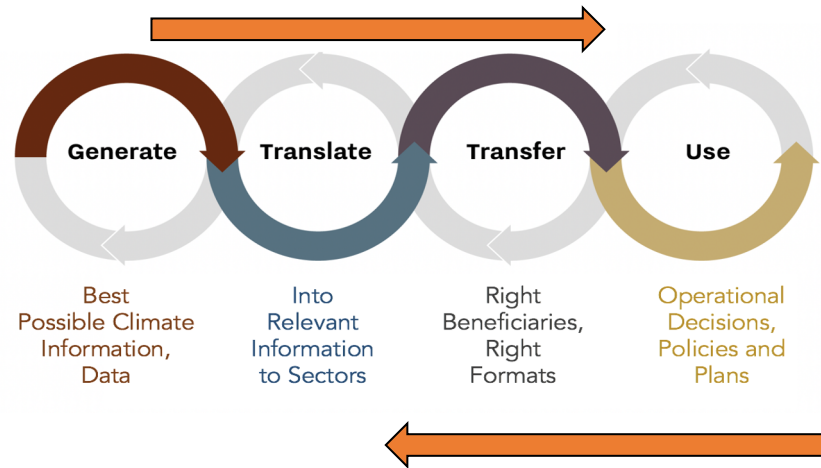
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## IRI Climate Service Academies

**TRAININGS TO ENHANCE PROVISION OF CLIMATE SERVICES.**  
Building capacity of national meteorological services in line with WMO competencies and National Frameworks for Climate Services.



**BUILDING CAPACITY IN THE USE OF CLIMATE SERVICES.** Focus on identifying climate sensitive decisions, and strengthening and linking four components of climate services.

More information at [iri.columbia.edu/training](http://iri.columbia.edu/training) and [training@iri.columbia.edu](mailto:training@iri.columbia.edu)

# Academies Alignment with WMO Climate Service Competencies

## ① Create and Manage Climate Datasets

IRI TRAININGS

- Climate Data Tools (CDT) to create climate data using Enhancing National Climate Services (ENACTS) approach
- IRI Data Library and Maprooms

## ② Derive Products from Climate Data

- Create new climate information products using ENACTS approach
- IRI Data Library and Maprooms

## ③ Create and Interpret Climate Forecasts, Climate Projections and Model Output

- General Circulation Model (GCM) output production and downscaling
- Seasonal and Subseasonal Forecasting with Climate Predictability Tool (CPT) and pyCPT

## ④ Ensure the Quality of Climate Information and Services

- Validation of GCMs
- Verification of Seasonal and Subseasonal Forecasts
- Training Dialogues with NMSs and User Communities

## ⑤ Create and Manage Climate Datasets

- Regional Climate Outlook Forums Trainings
- Training Dialogues with NMSs and User Communities
- IRI Data Library and Maprooms for User Communities
- Financial Instruments, including Index Insurance and Forecast Based Financing