

Alignment of IRI Climate Service Academies Trainings with WMO Climate Service Competencies

WMO Competency 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

WMO Competency 2: Derive Products from Climate Data

IRI Trainings

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

WMO Competency 3: Create and Interpret Climate Forecasts, Climate Projections and Model Output

IRI Trainings

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

WMO Competency 4: Ensure the Quality of Climate Information and Services

IRI Trainings

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

WMO Competency 5: Communicate Climatological Information to Users

IRI Trainings

- 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