UCP’s COMET/MetEd Website: Climate Services Training

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UCP Integrated Professional Services

Facilitating Large Scale Weather and Climate Applications

- Science Driven
- Project-by-Project Configurations
- Draws from UCAR Member Universities
- Requires New Capacity/Relationships
- Expanded Project Terrain

Education & Outreach

Evaluation

Proposal Capture

Risk Communication

Logistics

Personnel Exchange

Instr. Design & Delivery

Data & Visualization

Education & Outreach

Proposal Capture

Evaluation

Risk Communication

Atmos. Science

Social Sciences

Climate Modeling

Agriculture

Geo Sciences

Decision Science

Economics

Risk Management

Begun 10/13
What is COMET and MetEd?

➢ COMET is a world leader in support of education and training for the environmental sciences

➢ Through the MetEd website, you can access hundreds of education modules designed to support the training and certification of geoscience professionals.

➢ You can take look at individual modules or take entire courses

➢ In addition to the online delivery of content, COMET also hosts synchronous training workshops, either virtually or in person.

➢ COMET has significant international experience and delivers content in a variety of languages. It can custom design distance learning programs to meet your needs.

www.meted.ucar.edu
COMET’s Current Climate Services Offerings

➢ MetEd Lesson examples:
  ▪ Preparing Hydro-Climate Inputs for Climate Change in Water Resource Planning - 4-hour lesson
  ▪ Climatology for the Operational Forecaster
  ▪ Introduction to Climate Models
  ▪ Climate Variability and Change Course Lectures

➢ Residence Courses:
  ▪ Crop Irrigation Requirements under Climate Change - 3 day course
  ▪ Hydrologic Impacts Under Climate Change - 3-day course

➢ Virtual Course:
  ▪ Climate Variability and Change - 5-day facilitated, online course (NWS)

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COMET’s Planned Climate Training Efforts

➢ **MetEd Lessons:**
  - Water Temperature Impacts - 15-minute online lesson & residence course
  - Downscaled Climate and Hydrology Projections Tutorial - 20-minute lesson
  - Frank Leitz Interview: Insights on a Reclamation Engineer’s Work - 12-minute lesson
  - **Competency Assessment:** Identifying competencies for the Professional Development Series for Assessing Climate Change Impacts on Natural Systems

➢ **Competency Assessment:** Identifying competencies for the Professional Development Series for Assessing Climate Change Impacts on Natural Systems

➢ **Virtual Course:** Hydrologic Impacts Under Climate Change - 3-day course

➢ **Curriculum Development:** A new curriculum package on Climate and Climatology addressing competencies identified in WMO-No. 1083, Sec. 2.3.4 Climatology.

  [www.meted.ucar.edu](http://www.meted.ucar.edu)
Discussion/Questions

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