

Department of Atmospheric & Environmental Sciences

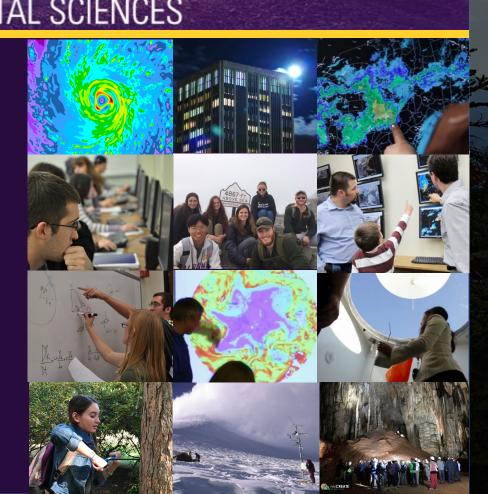
Contact me at:

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Web: http://albany.edu/daes/





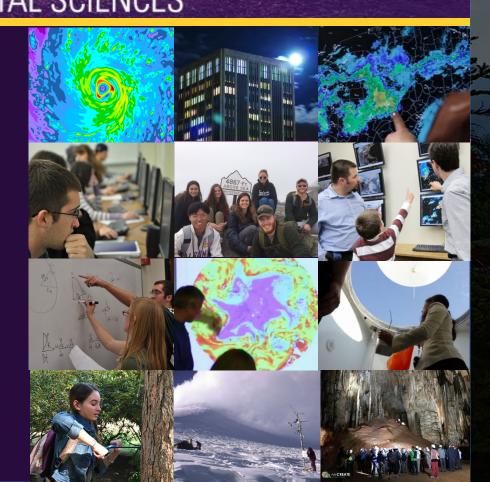


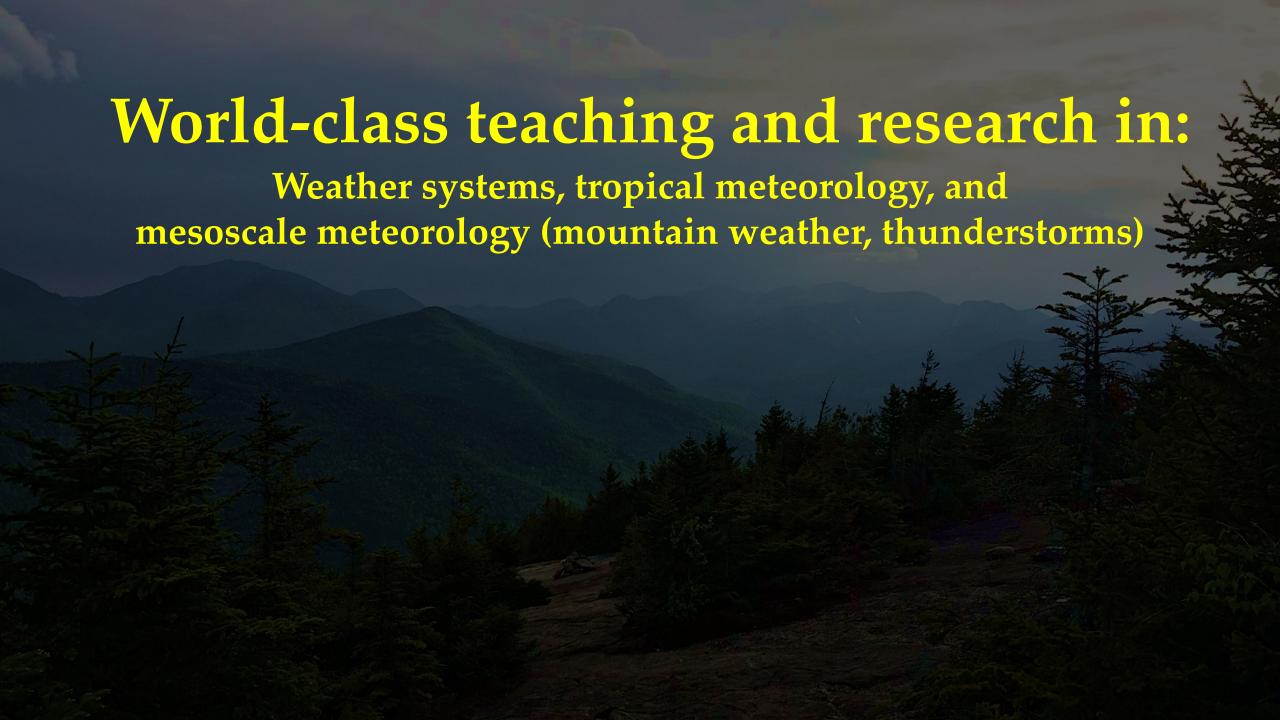


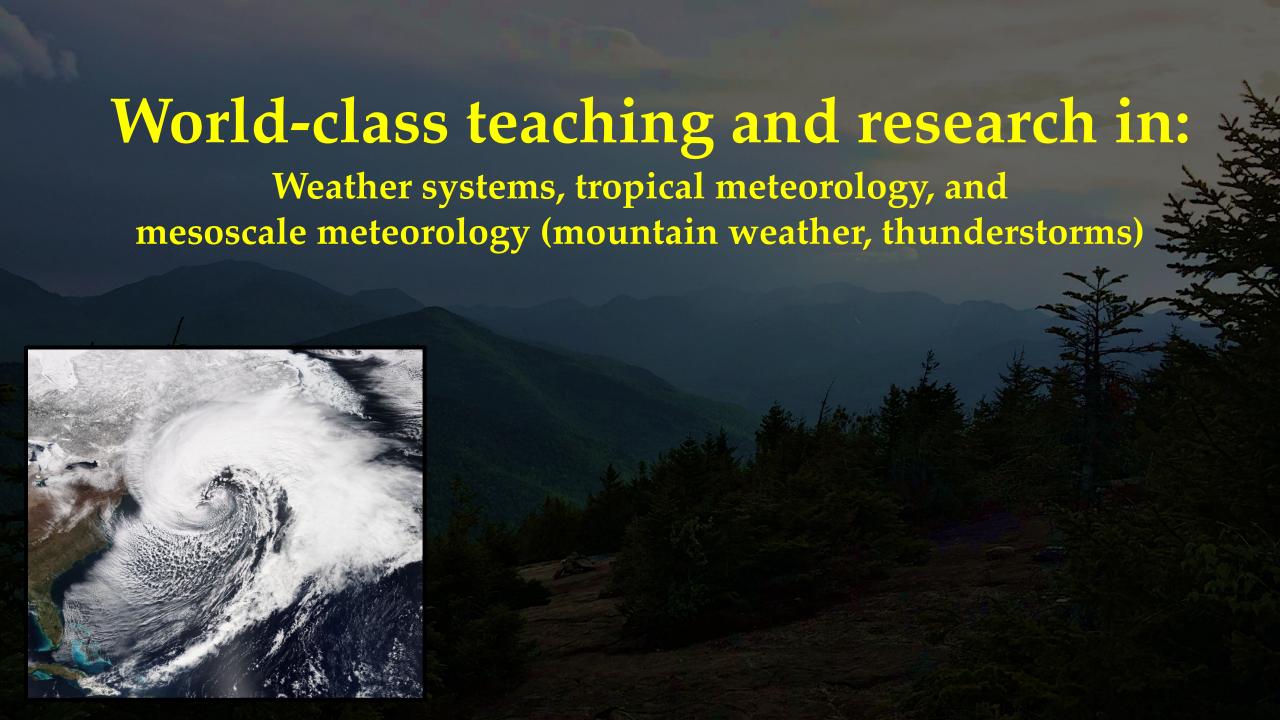
B.S. in Environmental Science

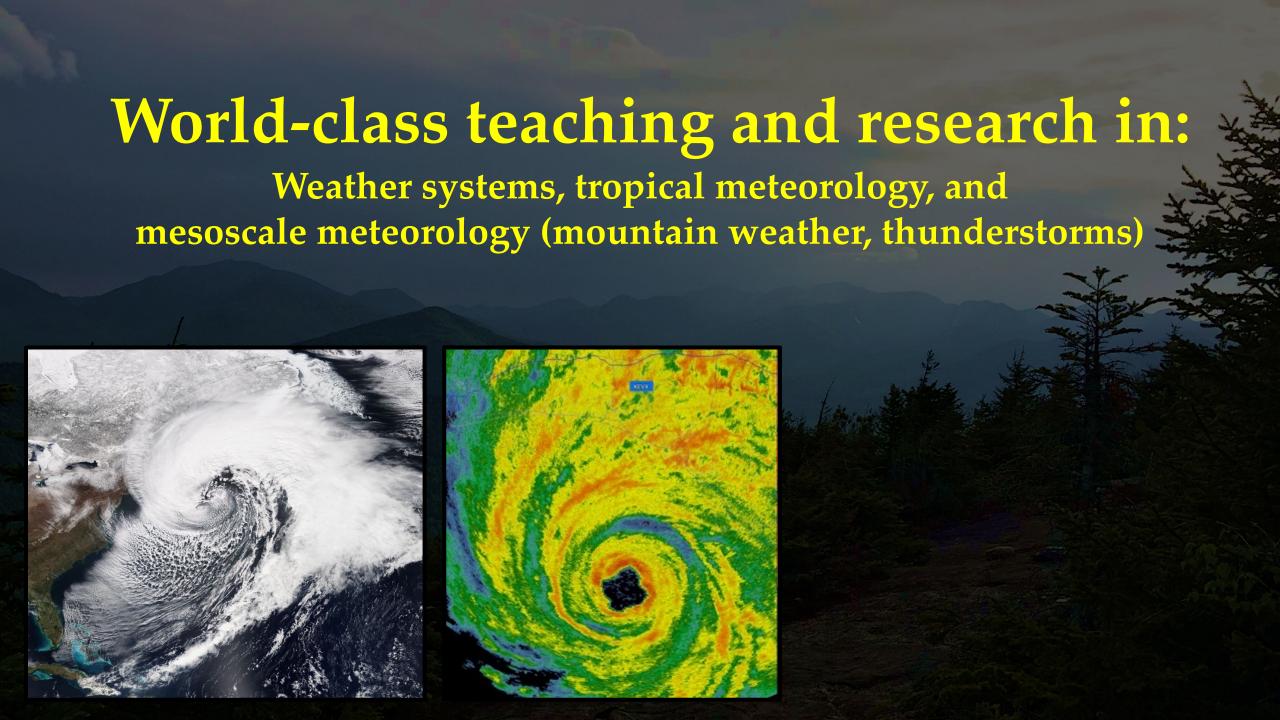
B.S. in Climate Science (coming soon)

B.A. in Environmental Studies *(coming soon)*



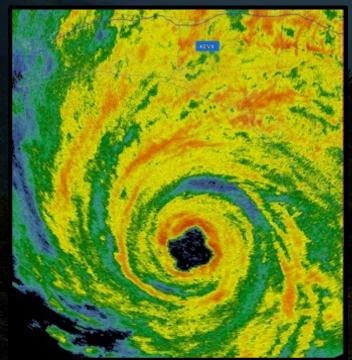




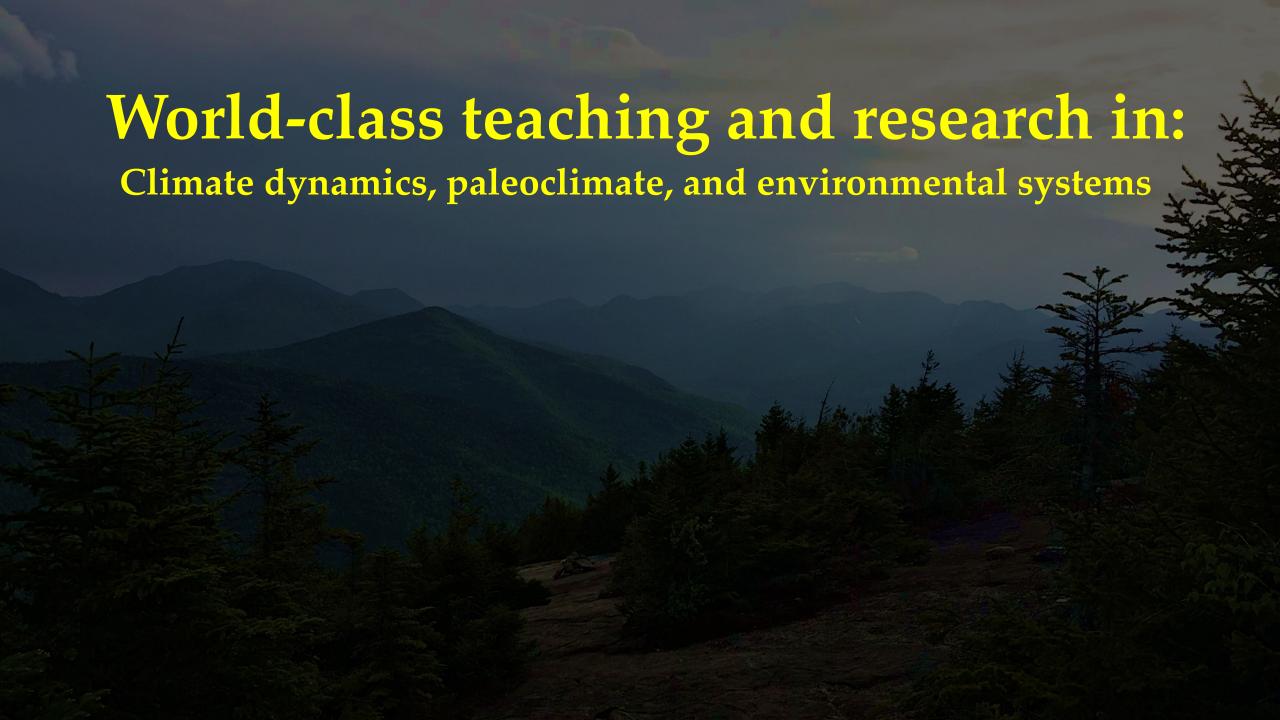


Weather systems, tropical meteorology, and mesoscale meteorology (mountain weather, thunderstorms)











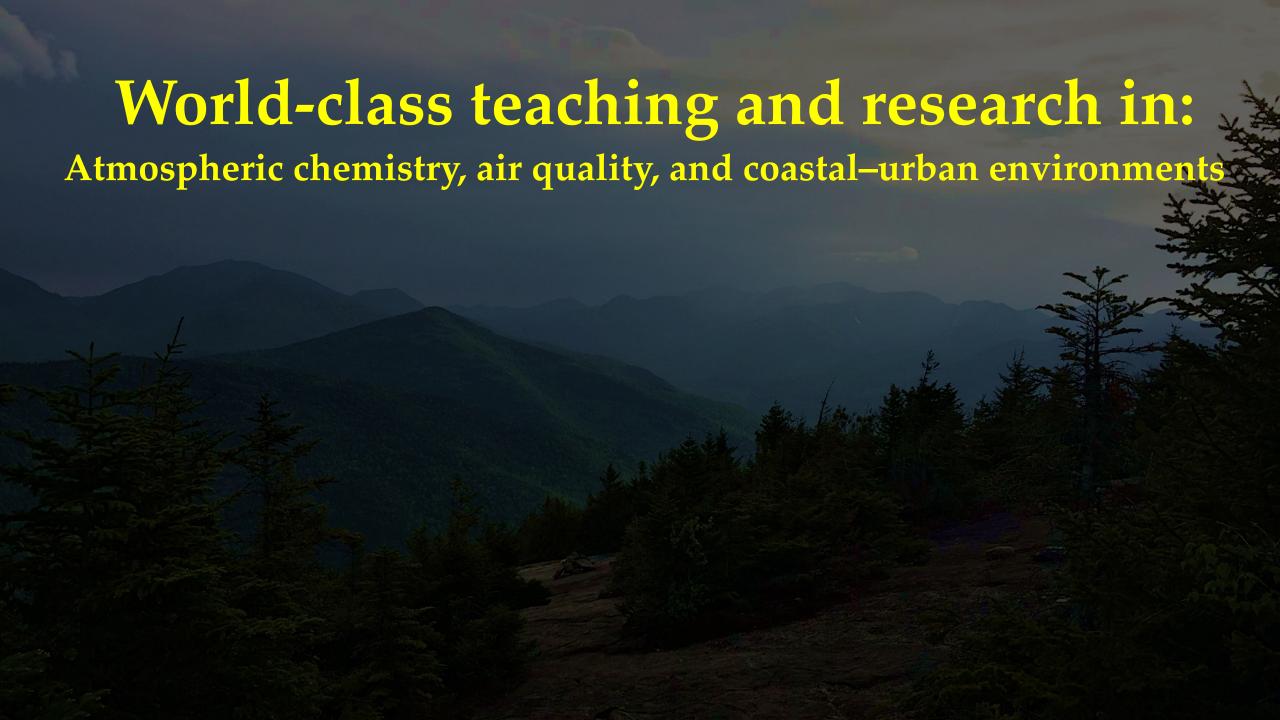


Climate dynamics, paleoclimate, and environmental systems



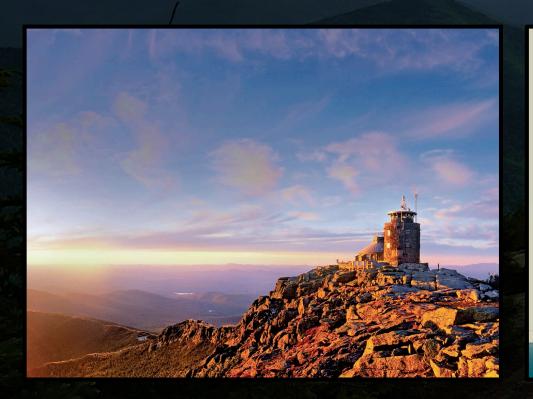


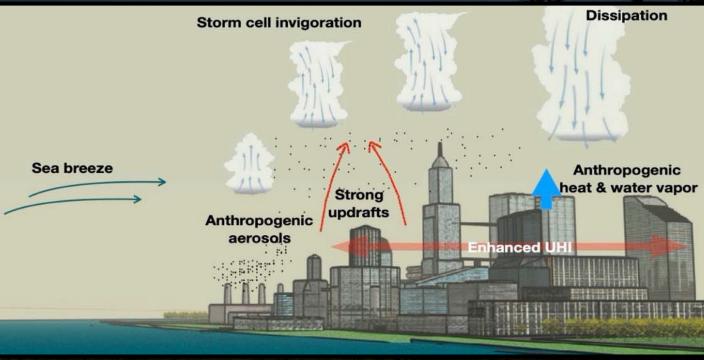


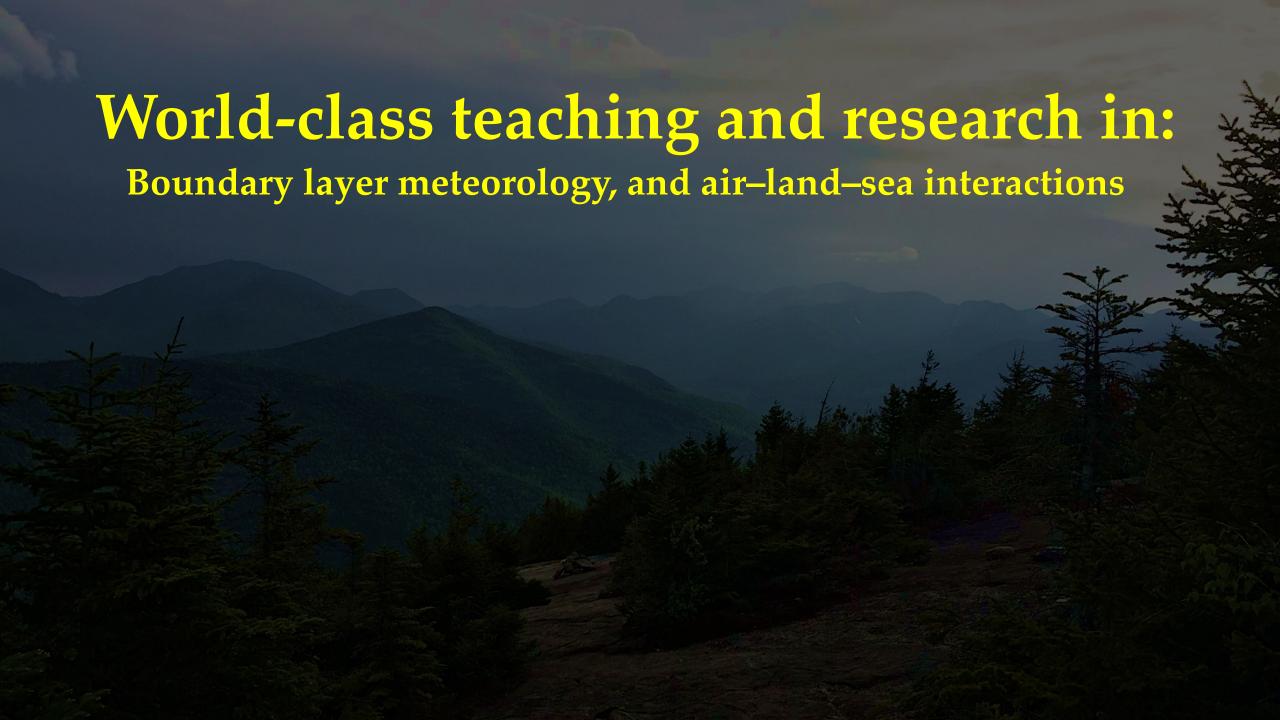




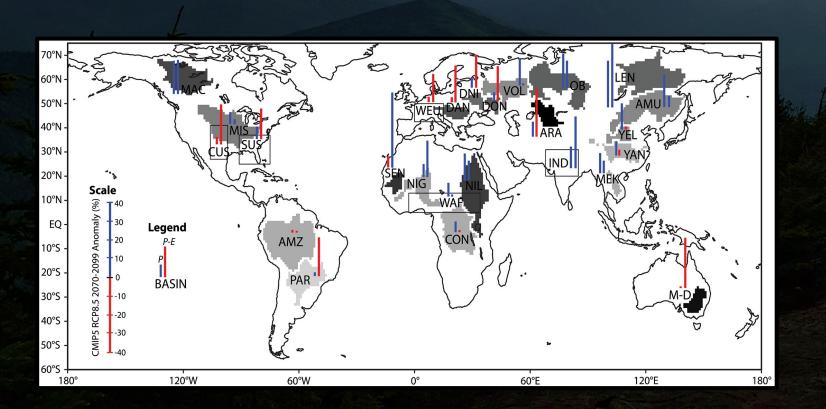
Atmospheric chemistry, air quality, and coastal-urban environments



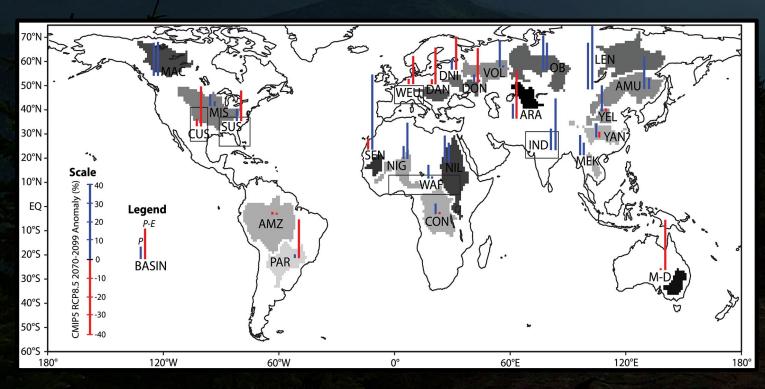




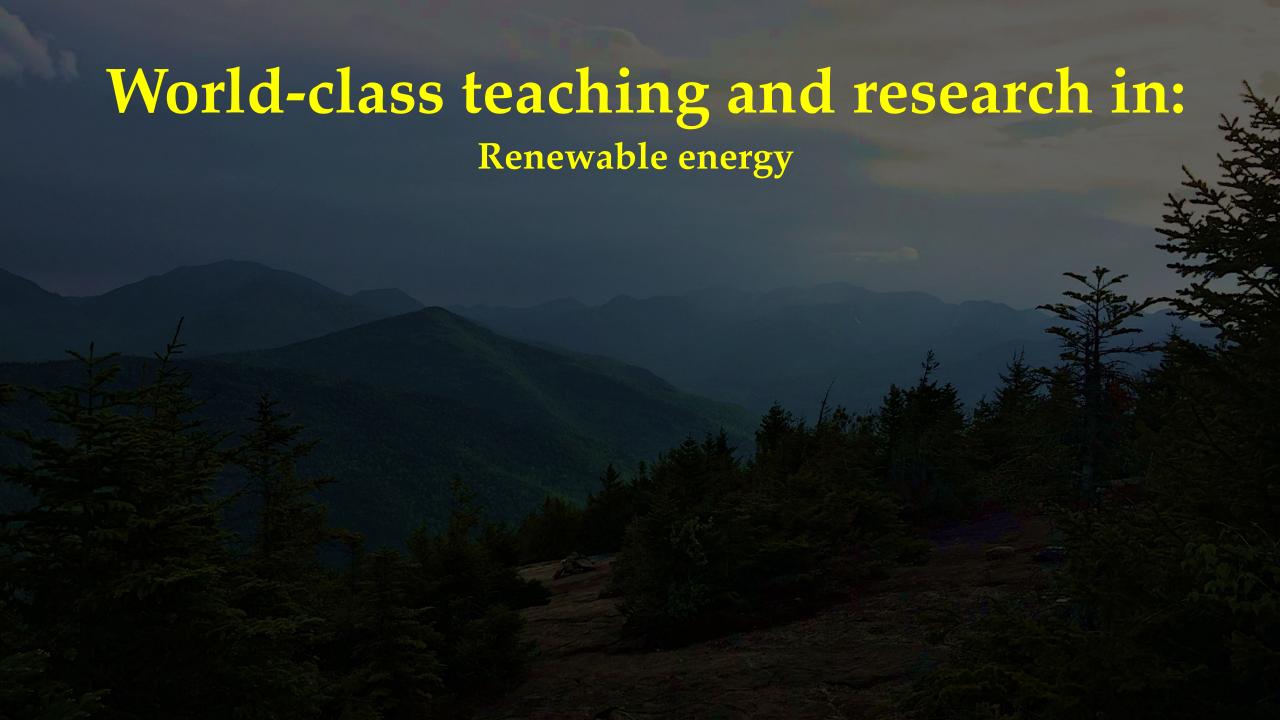
Boundary layer meteorology, and air-land-sea interactions



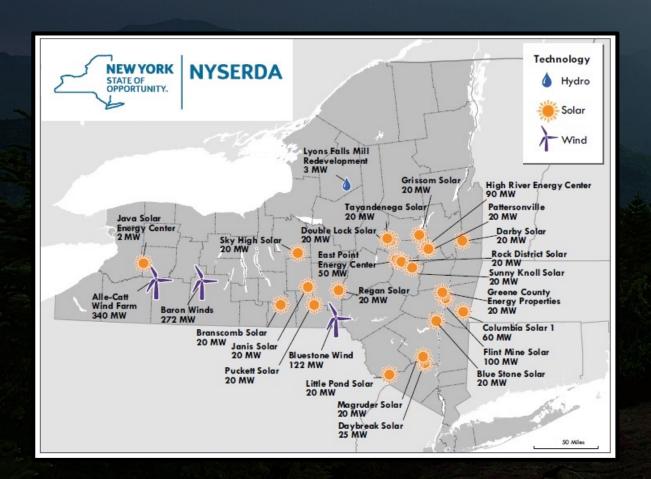
Boundary layer meteorology, and air-land-sea interactions



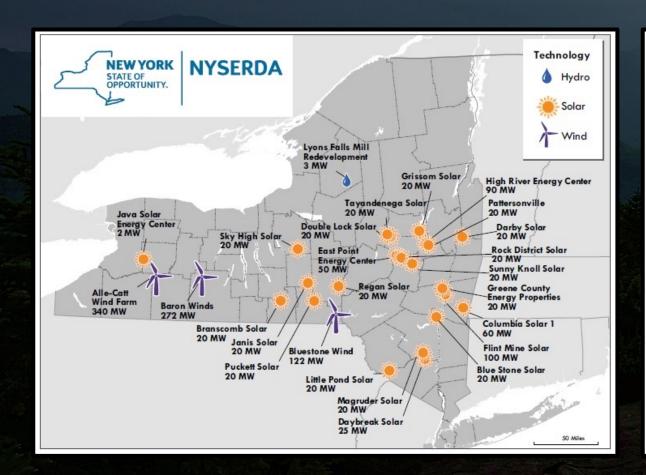


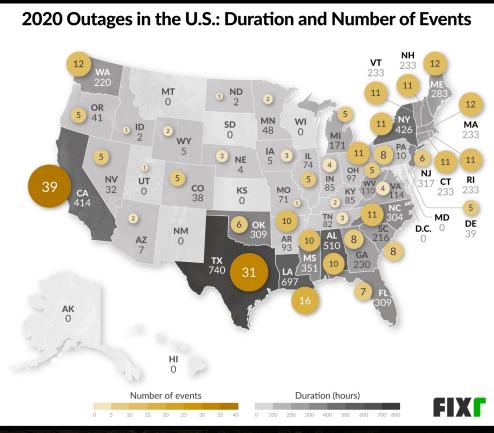


World-class teaching and research in: Renewable energy



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ATMOSPHERIC AND ENVIRONMENTAL SCIENCES

B.S. in Atmospheric Science

Broad foundation in four fundamental areas:

- Synoptic
 - Observations and weather forecasting
- Dynamic
 - Theory and computer modeling
- Physical
 - Clouds and atmospheric chemistry
- Climate
 - Land-ocean-atmosphere processes

Also available:

- Minors: Broadcast Meteorology/Sustainability/Math
- Emergency Preparedness, Homeland Security, and Cybersecurity Minor (CEHC)
- Masters in Secondary Education (5-year program)



B.S. in Environmental Science

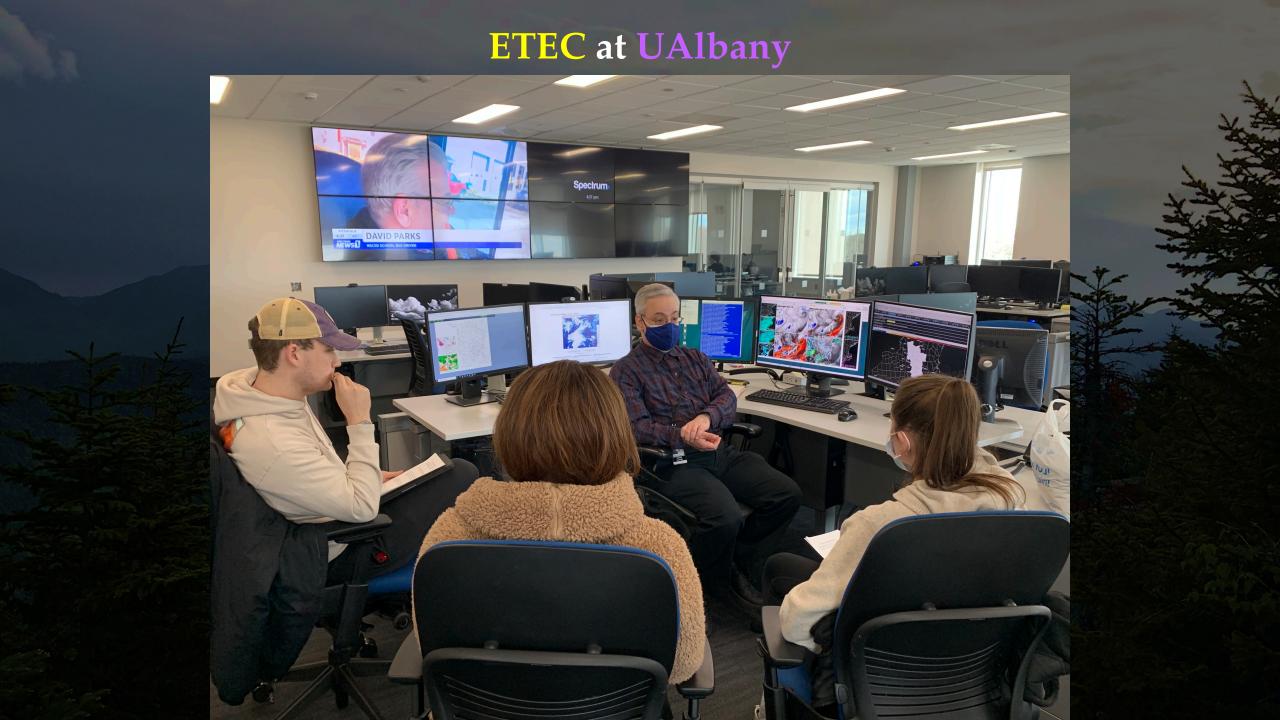
Core environmental fundamentals + four specializations:

- Climate Change: long-term variability and change → Climate Science B.S.
- **Ecosystems**: ecology, biodiversity, sustainability
- Geography: land-use planning, resource management, GIS
- Sustainability Science and Policy: renewable energy, air quality

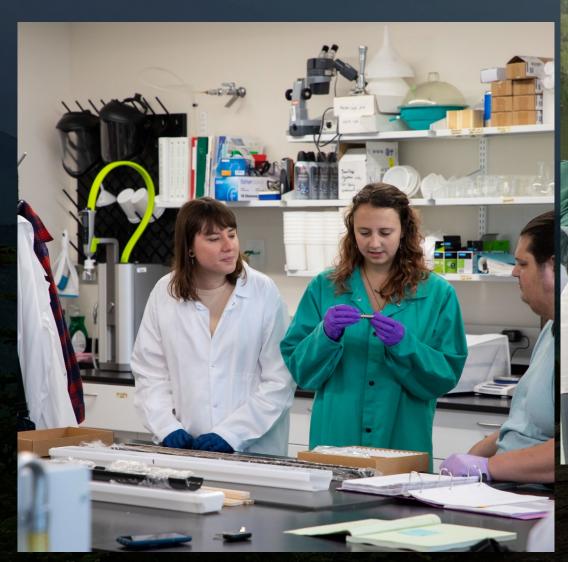
Also available:

- Sustainability Minor & Emergency Preparedness, Homeland Security, and Cybersecurity Minor
- Geographic information systems (GIS) certificate



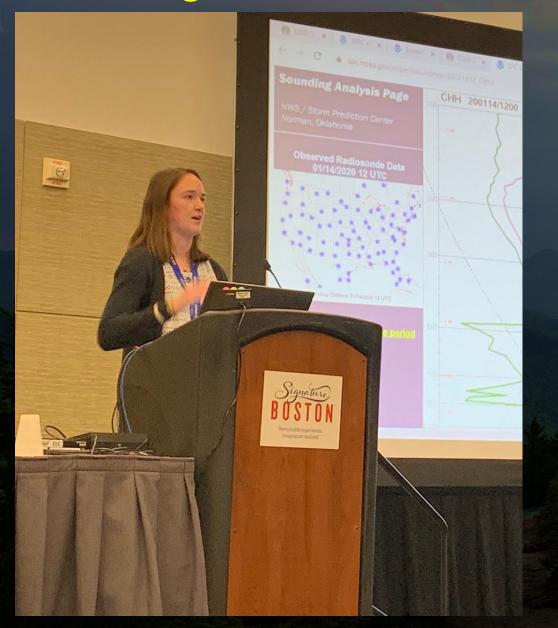


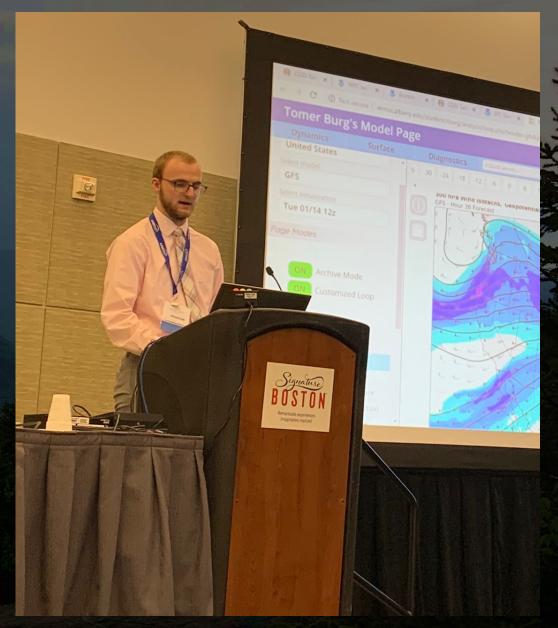
Recent undergrad research in Atmospheric and Environmental Sciences





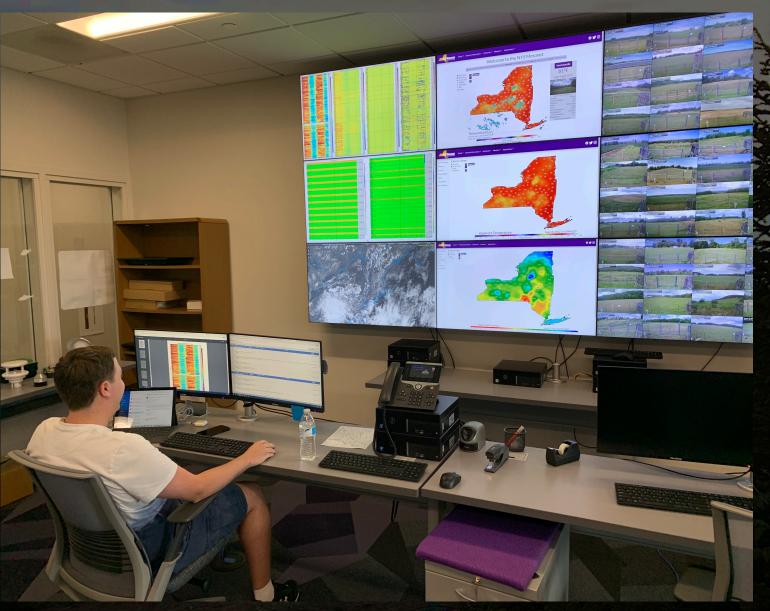
Recent undergrad research in Atmospheric and Environmental Sciences





Recent undergrad research in Atmospheric and Environmental Sciences





Questions?



DAES Director of Student Engagement and Recruitment: Ross Lazear – <u>rlazear@albany.edu</u>
DAES Undergraduate Program Director: Justin Minder – <u>jminder@albany.edu</u>



ATMOSPHERIC AND ENVIRONMENTAL SCIENCES

Where some of our recent graduates are now:

- Graduate school
- National Weather Service
- United States Geological Survey
- US & NY Environmental Protection
- Renewable energy companies
- Local and national media
- New York State Mesonet
- Environmental Consulting
- Emergency Preparedness
- Risk assessment in Insurance/Financial sectors















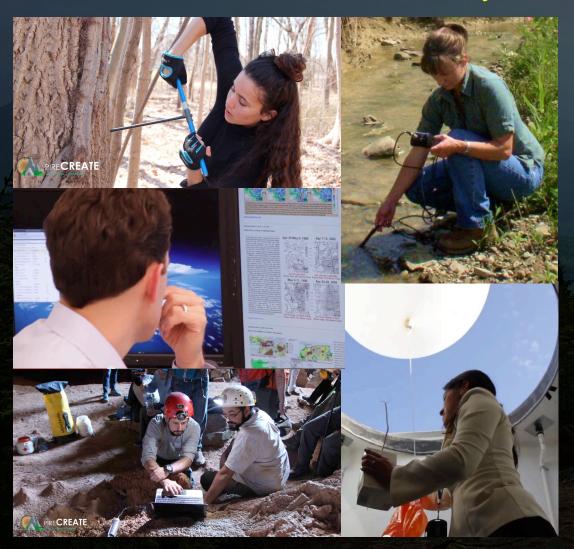






ATMOSPHERIC AND ENVIRONMENTAL SCIENCES

Demand for atmospheric and environmental scientists in a variety of fields



Academics Consulting **Economics Education Forensics** Government **Insurance** Media **Planning** Research **Transportation**