Cloud Microphysics Modeling & Observations

US citizenship required

Experience with one or more of:

- Radar or satellite observations
- Micro-scale, mesoscale, or global atmospheric modeling
- Aerosol or cloud microphysics

Particle Microphysics for Atmospheric Simulations

US citizenship or permanent residency required

Experience with one or more of:

- Numerical simulation methods for atmosphere, transport & dispersion, cloud or particle microphysics
- Advanced scientific programming in C++

Troposphere-Stratosphere Modeling & Data Analysis

No citizenship restrictions

Experience with one or more of:

- Multi-scale or mesoscale atmospheric modeling
- Stratospheric turbulence
- Atmospheric gravity waves
- Observational Data Analysis

Atmospheric Remote Sensing

US citizenship required

Experience with one or more of:

- Atmospheric Remote Sensing
- Stratospheric Turbulence
- Atmospheric Gravity Waves
- Satellite Data Analysis

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Multi-Application Atmospheric Modeling

US citizenship or permanent residency required

Experience with one or more of:

- Multi-scale or microscale atmospheric modeling
- Turbulence, surface-layer, or land-surface modeling
- Regional atmospheric flow
- Atmospheric boundary layer dynamics
- CFD or LES modeling
- Atmospheric chemistry or aerosol science
- Observational data analysis

Atmosphere & Land-Surface Modeling in Urban Areas

No citizenship restrictions

Experience with one or more of:

- Numerical simulation methods for atmosphere, land-surface, & urban areas
- Physical process modeling of land surface & urban energy exchange
- Advanced scientific programming in C++

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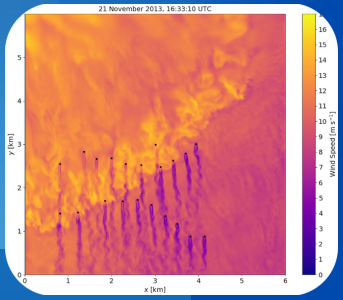
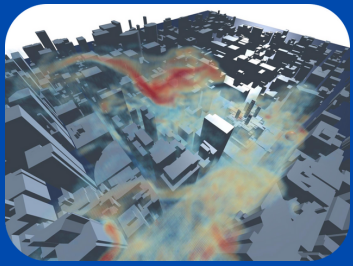
ATMOSPHERIC SCIENCE RESEARCH AND APPLICATIONS





Full-Atmosphere Dynamics • **Wind Energy** • **Dispersion Modeling**

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