

Untitled Document

**RESEARCH THEMES**

**Climate Change**

- Regional Climate Modelling and Predictions
- Air Quality-Climate Interactions
- Climate-Ecosystem Interactions

**Atmospheric Composition**

- Measurements and Modelling of Aerosol Formation and Transformation
- Aerosol-Cloud Interactions
- Reactive and Trace Gas Cycling
- Combustion Chemistry
- Anthropogenic Fuel Emissions

**Air Quality**

- Measurements of Urban and Regional Air Quality
- Air Quality Modelling
- Quantification of Long-Range and Hemispheric Transport of Pollutants
- Indoor Air Quality and Occupational Hygiene

**Atmosphere-Ocean Exchange**

- Biogeochemical Cycling
- Air-Sea Fluxes of Greenhouse and Reactive Gases
- Air-Sea Fluxes of Aerosols
- Coupled Ocean-Atmosphere Modelling
- Modelling of Tidal Surges and Flooding

**Climate-Ecosystem Interactions**

- Impacts of Marine Algae on Climate
- Impacts of Pollution and Environmental Change on Ecosystems

**C-CAPS**

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