

# Research

The coupling of the Earth's surface and the overlying atmosphere through mass and energy fluxes has an important role in atmospheric chemistry and physics in addition to boundary layer meteorology and ecosystem research. Our research group aims at increasing the fundamental understanding of atmosphere-biosphere coupling for different ecosystems and surfaces and to apply the gained information for practical applications and purposes.

Our research areas are:

- [Boundary Layer and Turbulence](#)
- [Eddy-covariance method development and software](#)
- [Surface-atmosphere interactions - measurements and modelling](#)
  - [Forests](#)
  - [International joint measurements \(long-term and campaigns\)](#)
  - [Lakes](#)
  - [Urban](#)
  - [Wetlands](#)