

## **ATMOSPHERIC BOUNDARY LAYER**

- Introduction
- Scaling laws for mean and turbulent quantities
- Surface roughness and local advection
- Surface fluxes
- The thermally stratified atmospheric boundary layer
- Marine atmospheric boundary layer
- Fluxes at the top of the boundary layer
- Atmospheric boundary layer modeling and parameterization schemes
- Spectra characteristics of boundary layer turbulence
- Flow over plant canopies
- Flow inside the canopy
- Flow over changing terrain. Internal boundary layer
- Flow over hills
- ABL and climate