MAJOR RESEARCH AREAS

- ❏ Modeling of surface-subsurface water interactions at the catchment scale.
- ❏ Development and application of data assimilation algorithms for distributed hydrological modeling.
- ❏ Inverse modeling in groundwater hydrology.
- ❏ Interactions between hydrology, CO_2 emissions, and geochemical subsidence of peat soils.
- ❏ Numerical and experimental study of large woody debris transport in rivers.