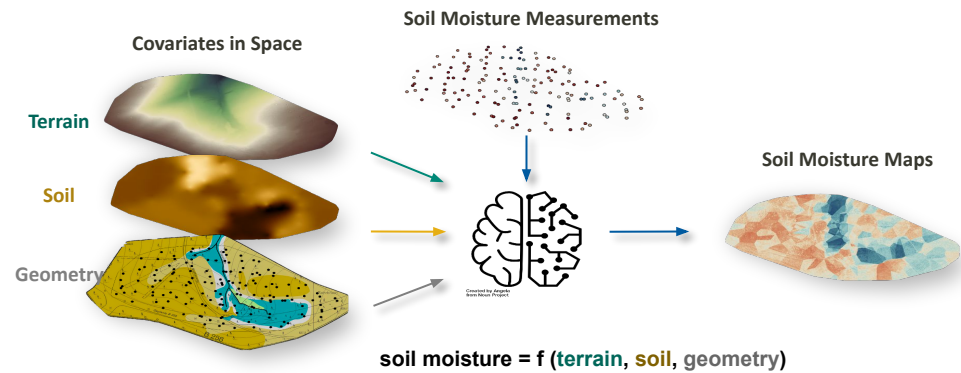


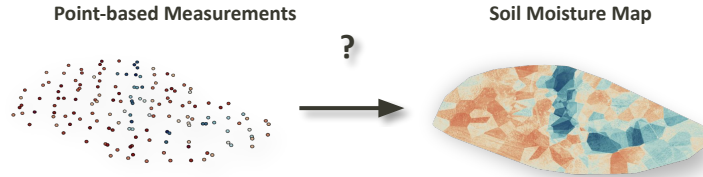


Point to Space: Data-driven Soil Moisture Spatial Mapping using Machine-Learning for Small Catchments in Western Germany

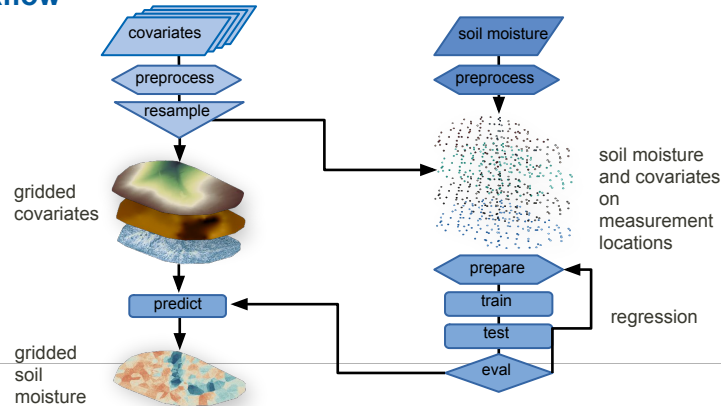
Johannes Boog, Thomas Kalbacher

Helmholtz Centre for Environmental Research - UFZ

Objective

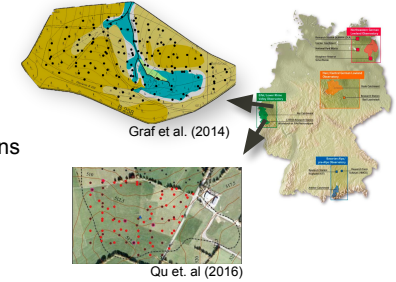


Workflow



Methods

- Wüstebach & Rollesbroich catchment
- 2-4 km²
- 150-200 TDR sensor locations at three depth



Results

