Research about hydrological resources and aquatic ecosystems, with a multi-disciplinary and holistic perspective, with particular emphasis on the effects of climate on these resources. We also assess the environmental impacts of a variety of activities related to water management.

Surface water – groundwater relationships
- Hydrological, hydrogeological and water quality modelling at a catchment scale
- Simulation of global change scenarios and their impacts on water resources
- Water quality assessment of freshwater ecosystems
- Unsaturated zone hydrology
- Environmental geochemistry
- Water erosion in Mediterranean areas
- Effects of reclaimed water irrigation
- Glacial and periglacial geomorphology
- Water and geology of Mars

Studies and reports related with the research lines described