



Project: Slow F(l)ood

In cooperation with University Bari, the project is devoted to study flooding events with low flow velocity, and long duration of inundation, where hydrological components are relevant.

Such events are of interest given long time permanence of water due to potential spreading of waterborne diseases, especially in densely populated areas.

Recent case study events of *slow floods* will be considered, and remote sensing data will be integrated with hydrological modeling to depict inundation areas, flood timing, hydrological fluxes, and water depletion.

We will try and define the frequency of such events also under climate change, and the relative chance of development of water borne diseases.

The Thesis, BS or MS will include gathering and modeling of hydrological, and remote sensing data.

Basic knowledge of hydrology and scientific programming are required.

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