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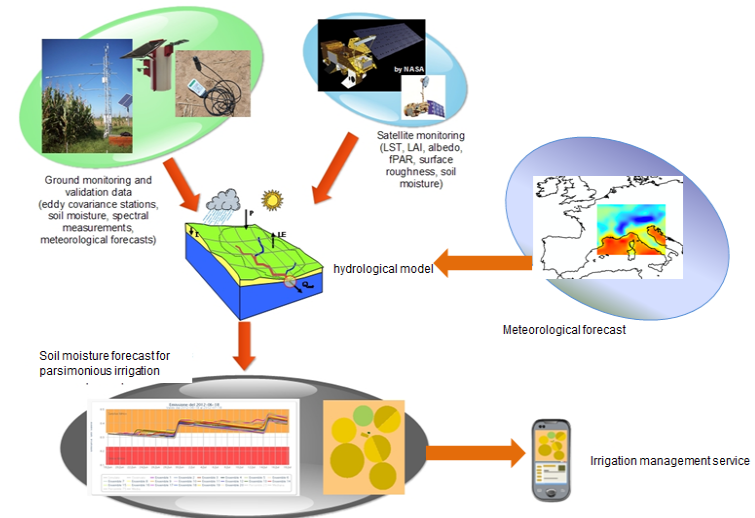
The work aims at developing an **operational tool for real-time forecast of irrigation water requirements** to support parsimonious water management providing real-time and forecasted soil moisture behavior at high spatial and temporal resolutions with forecast horizons from few up to thirty days. The system will be a prototype version of a world wide web platform, that will support users in parsimonious irrigation water management from water authorities to single farm.

SIM

SMART IRRIGATION FROM SOIL MOISTURE FORECAST USING SATELLITE AND HYDRO - METEOROLOGICAL MODELLING



Water Joint Programming Initiative
2015 Joint Call WaterWorks2014 Joint Call



Case studies

Chiese irrigation consortium (Northern Italy), Capitanata irrigation consortium (Southern Italy), Barrax agricultural district (Spain), Aa en Maas water basin authority (The Netherlands), Heihe river basin (China)



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