

## Case Study – Requena-Utiel, Spain

**InTheMED** aims to implement innovative and sustainable management tools and remediation strategies for MED aquifers (inland and coastal) in order to mitigate anthropogenic and climate-change threats by creating long-lasting spaces of social learning among different interdependent stakeholders, NGOs, and scientific researchers in five field case studies, located at the two shores of the MED basin (Spain, Greece, Portugal, Tunisia, and Turkey).

### Characteristics

**Size (km<sup>2</sup>):** 1360  
**Population:** 30,000  
**Basin:** Júcar  
**Location:** Inland  
**Mean Precipitation (mm/y):** 440  
**Mean Temperature (°C):** 13  
**Groundwater users:** Agriculture, urban  
**Overexploited:** Yes  
**Groundwater pollution:** No



### Strengths

- Close cooperation with the Júcar Water Authority and Irrigation Communities,
- Groundwater model available and working properly,
- Global good knowledge of aquifer resources.

### Opportunities

- Development of a complex exploitation strategy,
- Development of a contamination prevention strategy,
- Installation of new sensors in the aquifer.

### Weaknesses

- Little data on groundwater contamination,
- Poorly defined river-aquifer connection,
- Need to update and optimize the groundwater model,
- Poor hydrogeological characterization of the aquifer.

### Threats

- Contamination by nitrates from agricultural and livestock activities,
- Detriment to the economy in the local and downgradient areas.

### InTheMED Website & Social Media



[inthemedprima.com](http://inthemedprima.com)



[@InTheMED\\_PRIMA](https://twitter.com/InTheMED_PRIMA)



[www.facebook.com/inthemedPRIMA](https://www.facebook.com/inthemedPRIMA)



[www.linkedin.com/in/inthemed-prima-5690461ba/](https://www.linkedin.com/in/inthemed-prima-5690461ba/)

### InTheMED Partners

