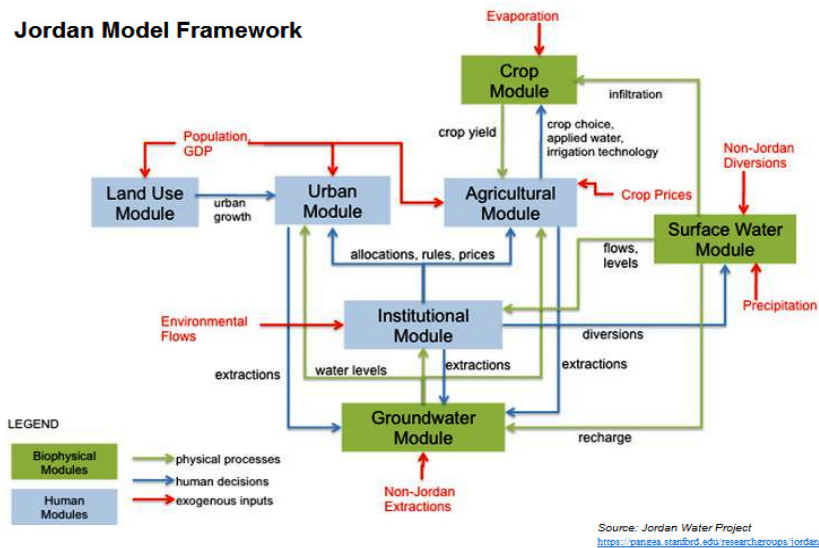


# Enhancing Water Education at the University Level in Jordan by Incorporating an Innovative Multi-Agent Modeling and Analysis Tool

**Research Objectives:** To develop a number of teaching modules in a number of topics in Water Resources Planning and Management using an innovative multi-agent modeling and analysis tool.



**Research Partners and Budget:** *Project PI:* Samer Talazi, JUST  
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Stanford University, USA  
Manchester University, UK  
Université Laval, Canada  
The Helmholtz Centre for Environmental Research, UFZ Leipzig, Germany

## **Research expected outcomes:**

Development of a number of teaching and training modules in different topics of water resources planning and management  
Enhanced undergraduate and graduate teaching tools in water resources planning and management  
Strengthened capacity of students in the analysis and assessment of current and project water resources planning methodologies  
Scientific articles to be sent for publication in peer-reviewed journals  
Several hands-on trainings for public sector employees using modeling tools.

**Funding Agency:** USAID – PEER United States Agency for International Development Partnership and Engagement for Enhancement of Research.

**Total Budget:** US\$ 154,000

For more information, visit: <https://pangea.stanford.edu/researchgroups/jordan/>