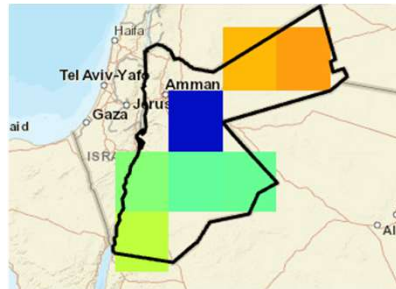
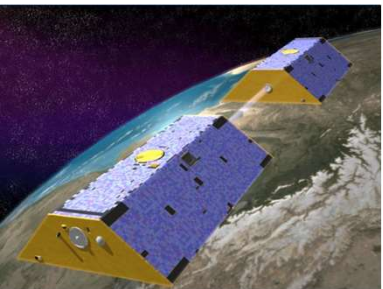


Improved Groundwater Management in the Arab Region

Use of the Gravity Recovery and Climate Experiment (GRACE) mission to monitor groundwater storage change: National workshop for Jordan and State of Palestine

Amman Jordan, February 25-26

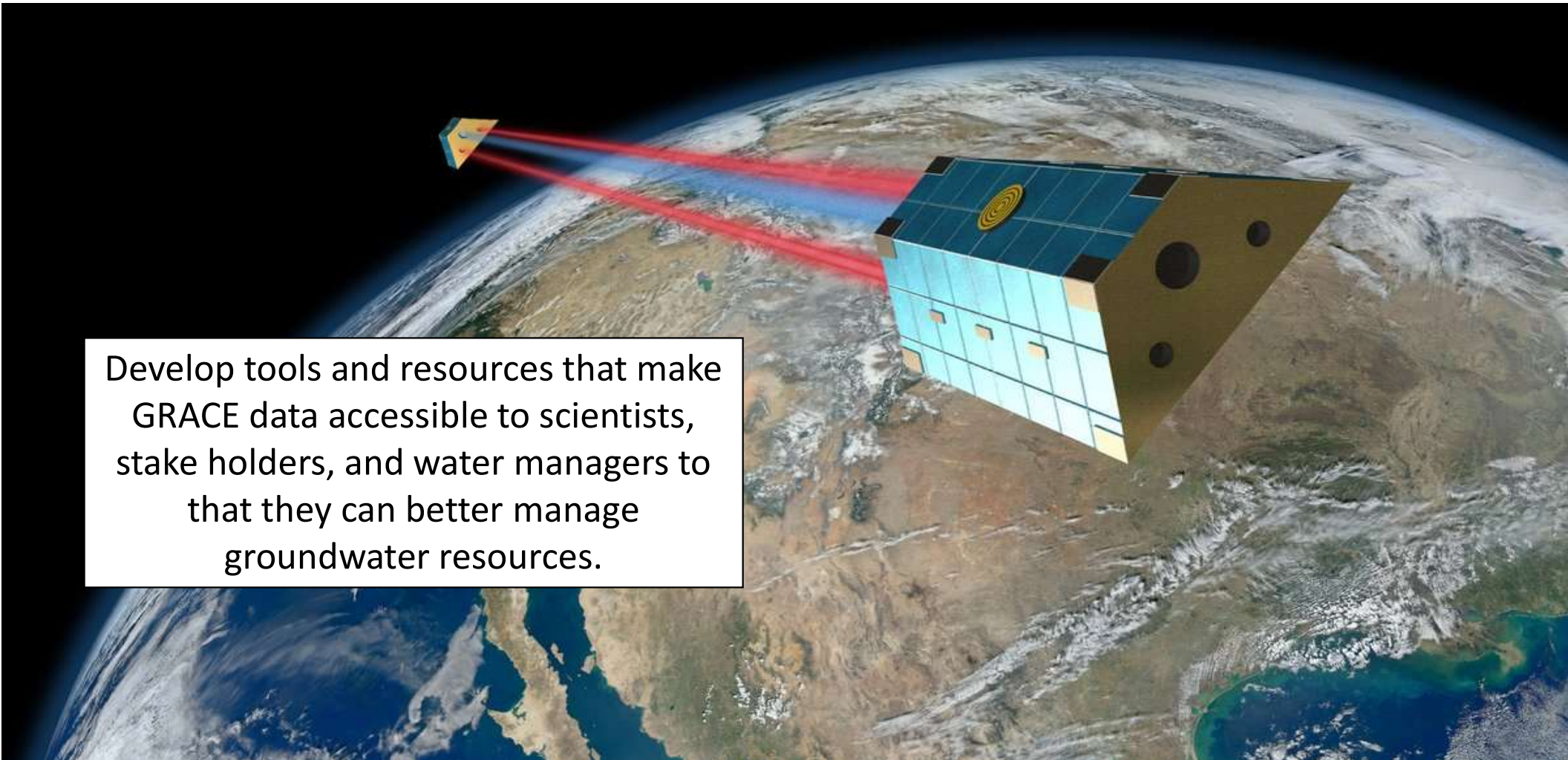


Shared Prosperity Dignified Life



Research Objective

Develop tools and resources that make GRACE data accessible to scientists, stake holders, and water managers to that they can better manage groundwater resources.



Workshop Objectives

- Understand how the GRACE mission works and how we derive groundwater storage change estimates
- Learn how to use the GRACE Groundwater Subsettings Tools (GGST) for regional groundwater analysis
- Review case studies in West Africa, preliminary analysis of Jordan & Palestine basins
- Learn how to derive estimates of regional recharge using the Water Table Fluctuation method on GRACE data
- Learn about “leakage” and methods for applying GRACE to small basins

Format

- Presentations
- Hands-on exercises
 - Web interface
 - Google Colaboratory/Python scripts
 - Excel tools for plotting and data analysis