We need YOU! to develop CHAMP
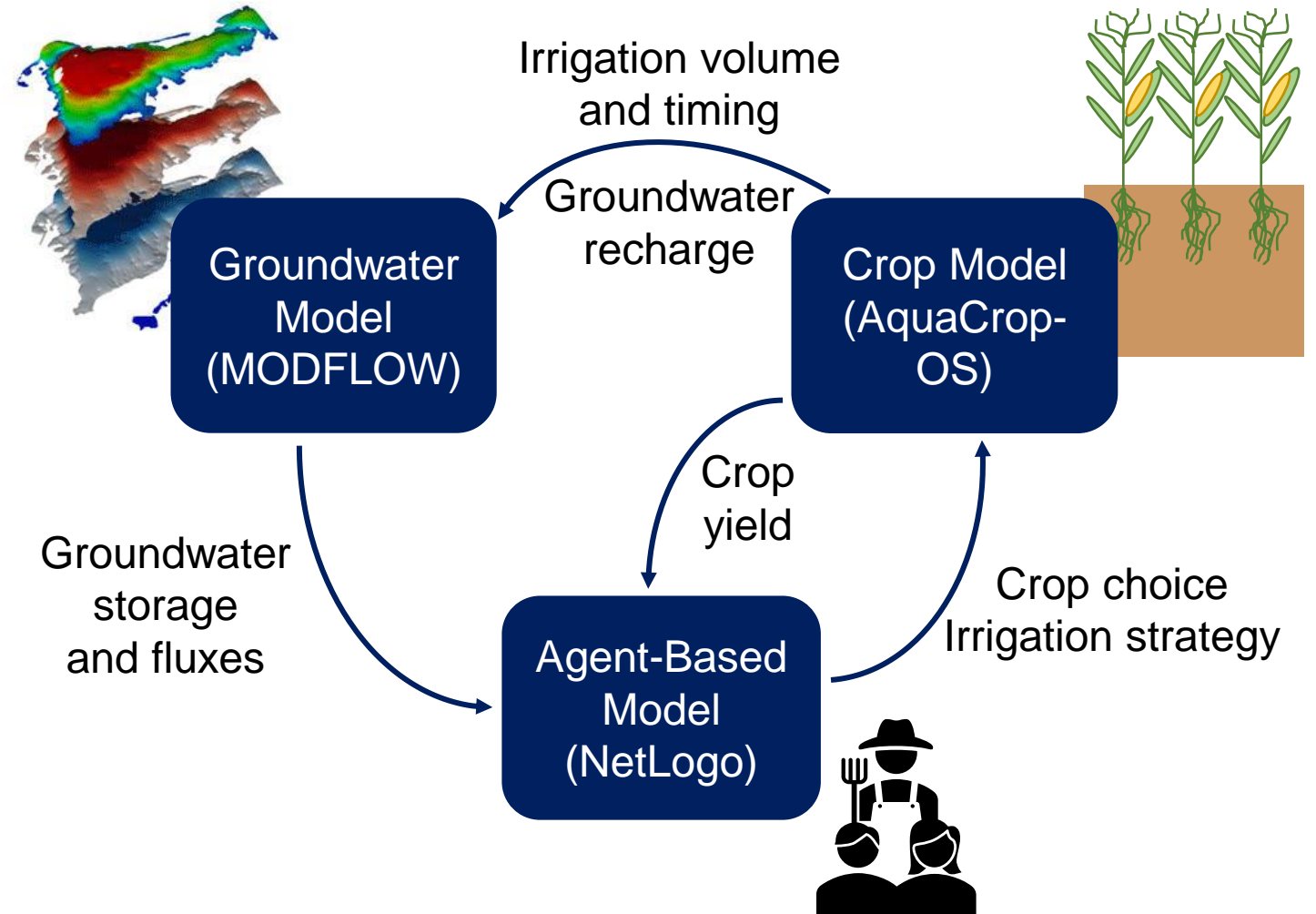
Crop-Hydrological-Agent Modeling Platform (CHAMP)

Searching for a POSTDOC that will:

- Create a flexible open-source modeling platform with broad research utility
- Develop new social-environmental systems theory
- Contribute to sustainable, resilience, and effective groundwater management
- Play a central role within a collaborative, cross-institution team
- Receive individually-focused mentoring and professional development opportunities
- Work with and mentor students
- Develop their own research interests

Groundwater Model (MODFLOW)

Crop Model (AquaCrop-OS)

Agent-Based Model (NetLogo)

Irrigation volume and timing

Groundwater recharge

Groundwater storage and fluxes

Crop yield

Crop choice Irrigation strategy

More info and to apply: https://bit.ly/DISES - review begins March 21.
Contact Sam Zipper (samzipper@ku.edu) with questions.