



02/11/2023

Science for Solutions decade: HELPING
Hydrology Engaging Local People IN one Global world

Working Group Presentation:



Effective Aquifer Governance for Agriculture

Leader: Dr. Malena Orduña Alegría (malena.orduna@ku.edu)



Goals

| Research goals | Outcome/product goals | Community goals |
|--|---|--|
| <ul style="list-style-type: none">• Understanding local hydrological and social processes | <ul style="list-style-type: none">• Case-studies populating the Digital Water Globe platform | <ul style="list-style-type: none">• Collaboration between people at similar conditions world-wide |
| <ul style="list-style-type: none">• Understanding differences and similarities between regions | <ul style="list-style-type: none">• Tools for monitoring or assessments | |
| <ul style="list-style-type: none">• Understanding global-local interactions | <ul style="list-style-type: none">• Methods to link global estimates with local conditions | <ul style="list-style-type: none">• Recognition when implementing general policy at local level |

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| <ul style="list-style-type: none"> • Case-studies populating the Digital Water Globe platform |
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Methods

PyCHAMP

Flexible, open-source Crop-Hydrological-Agent Modelling Platform (CHAMP)

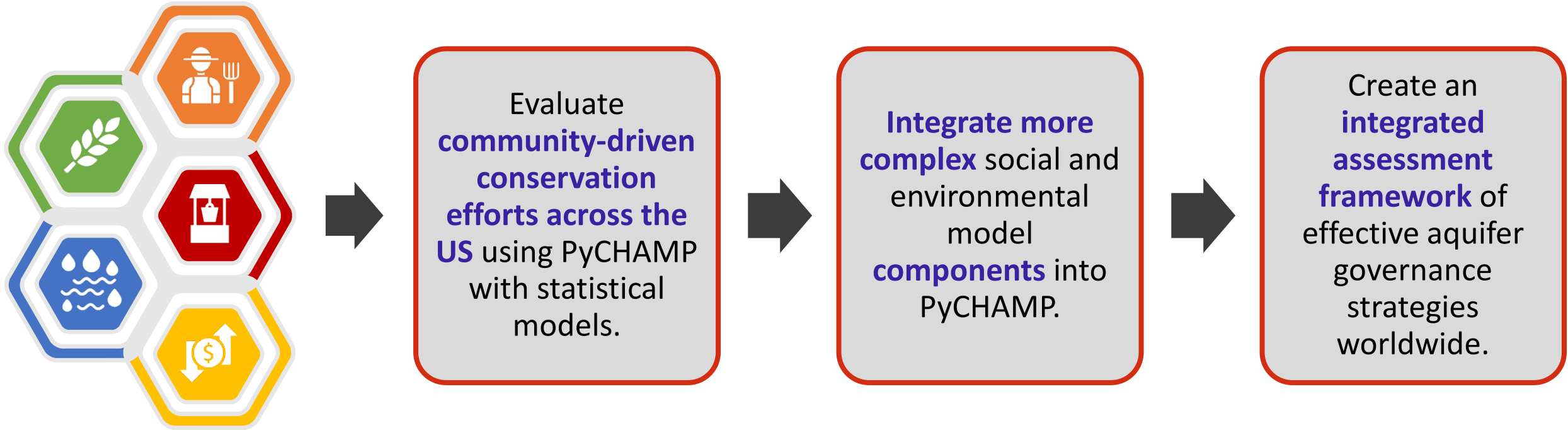


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Working Plan



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