MekongWater: Collaborating to address Mekong challenges

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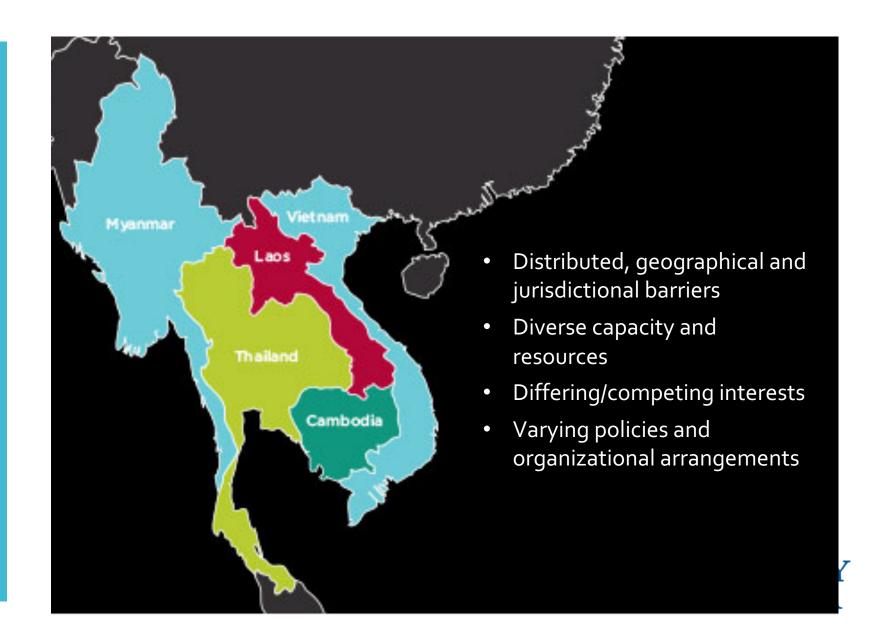
Jenna Shinen, PhD
Office of Conservation and Water
US Department of State







Data challenges in the Lower Mekong



Desire to collaborate



Building community

- Discovery
 - Information
 - Expertise
 - Opportunities
- Support
 - Network
 - Capacity
- Resources
 - Reliable storage & compute
 - Accessible models and analyses





Asking the stakeholders



STIMS N STATE

THE WORLD

BANK

U.S. Chamber of Commerce

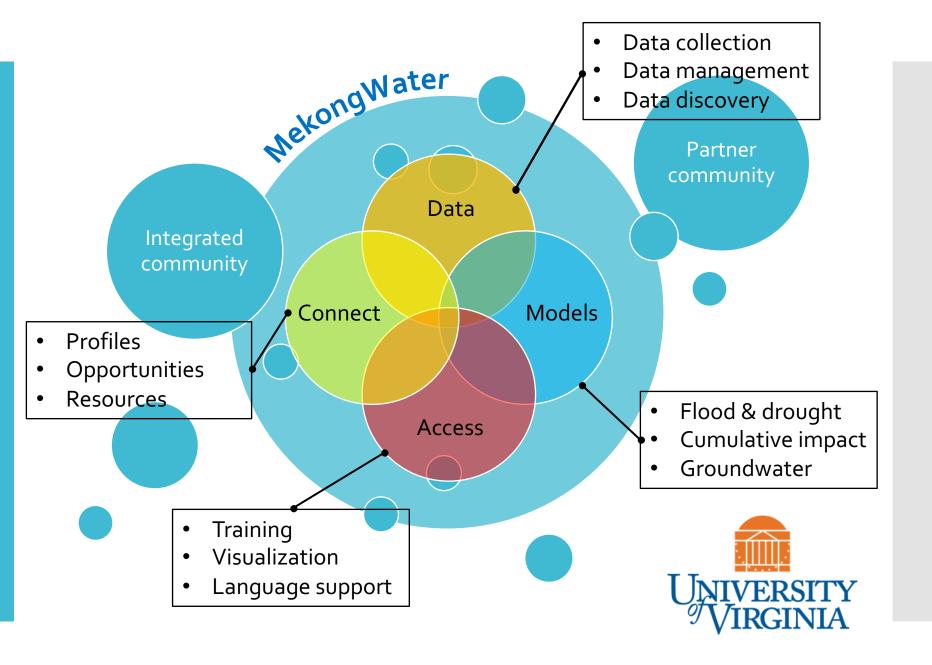
Consensus



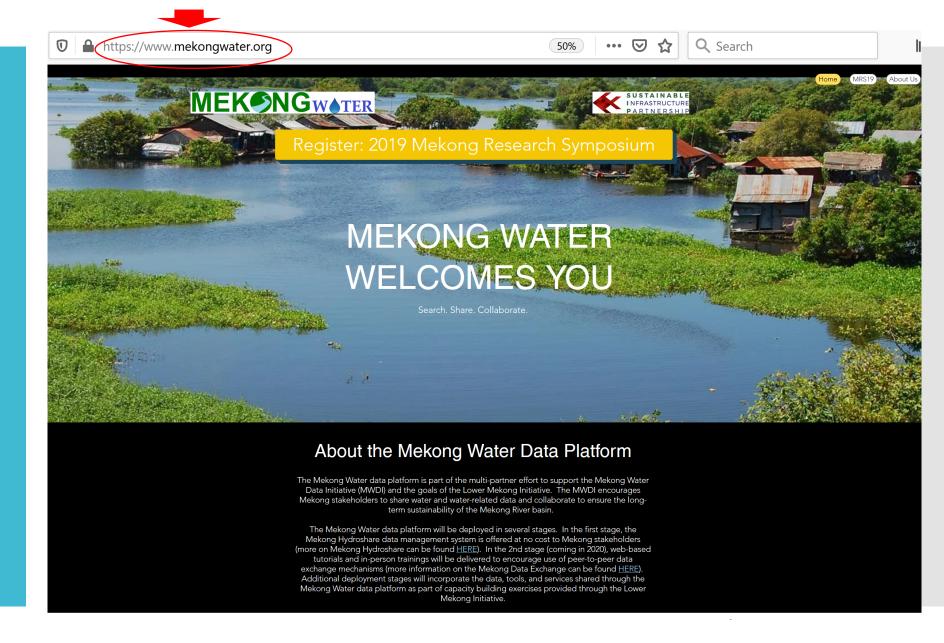
Supporting stakeholders to collaborate and innovate for the Mekong



Ecosystem



MekongWater



Partner data sources



























Forecasting and time-series data analysis

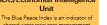


Deltares











SERVIR



Everglades region





water productivit

basins and coastal regions

Interactive online geospatial tool for











































Mekong Water is an online data sharing and collaboration platform for Mekong users. Mekong Water is supported by the Mekong Water Data Initiative by the U.S. Department of State

Sign up now



How it works



Create data

Collect your data using the same methods you use now. MekongWater supports a broad set of hydrologic data types.



Upload to MekongWater

Upload your data files to MekongWater through the web user interface. MekongWater will automatically extract as much metadata as it can from the files you upload.



Describe with metadata

Use MekongWater's simple metadata entry forms to finish describing your data so that your colleagues can find, access, and interpret



Share with colleagues

Choose who has access to the data and models you have uploaded to MekongWater. You can share with individual users or make your resources public for everyone to access.

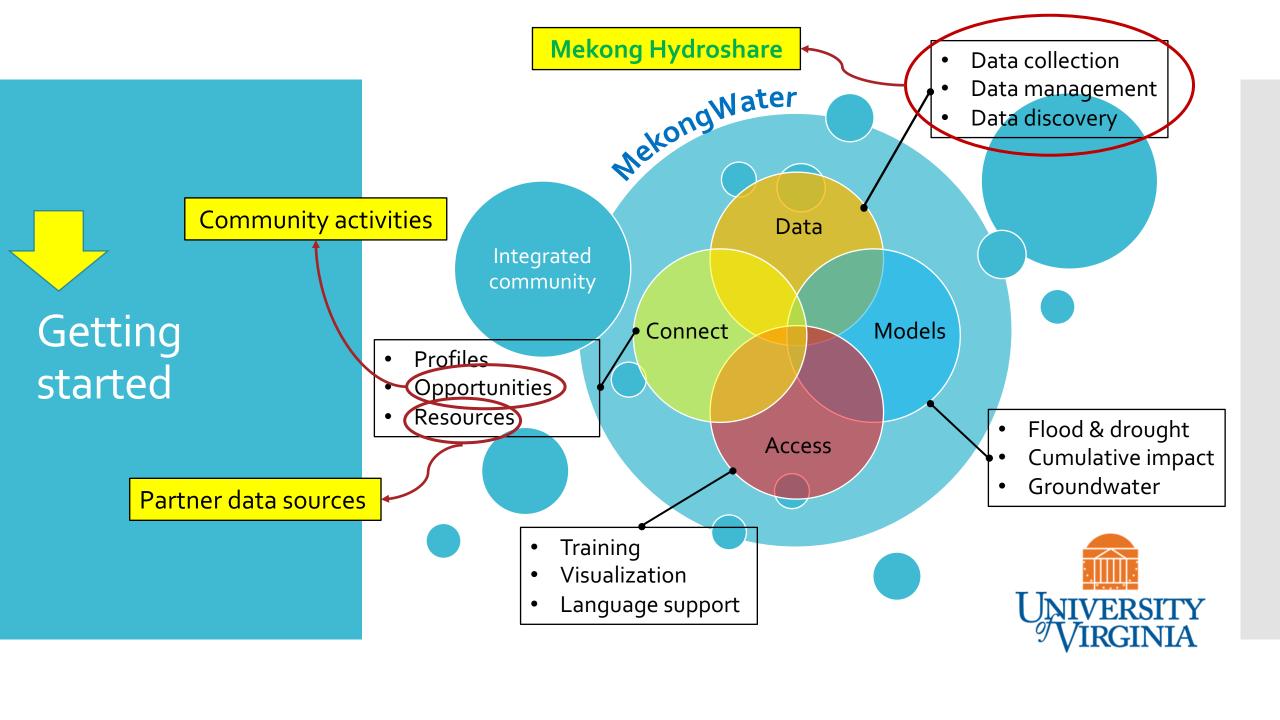


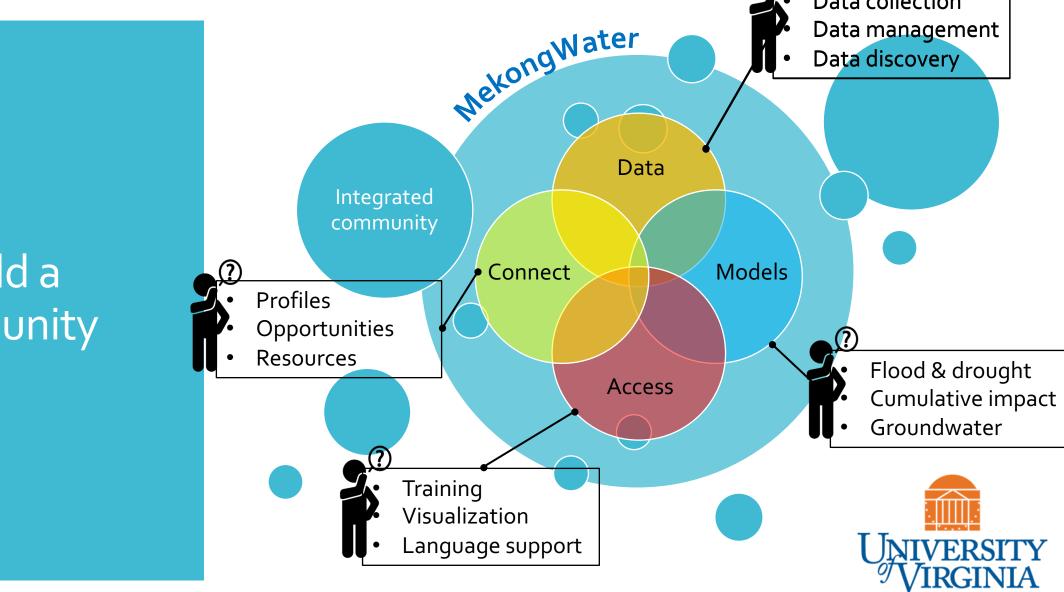
Permanently Publish

Obtain a Digital Object Identifier (DOI) so your work can be easily cited. Reference related journal publications in your metadata.



Mekong Hydroshare





Data collection

To build a community

Share your designs



- Strengthen current deployment with new functionalities
- Identify new tools to support community networks
- Develop and integrate programs to integrate community data and models
- Maintain a flexible and adaptable MekongWater to meet evolving needs !!!



Get to know MekongWater

Web: http://mekongwater.org

Info: info@mekongwater.org

Dev: <u>ntho@virginia.edu</u>

