HydroVisE: A non-proprietary open-source software for hydrologic model and data visualization and evaluation



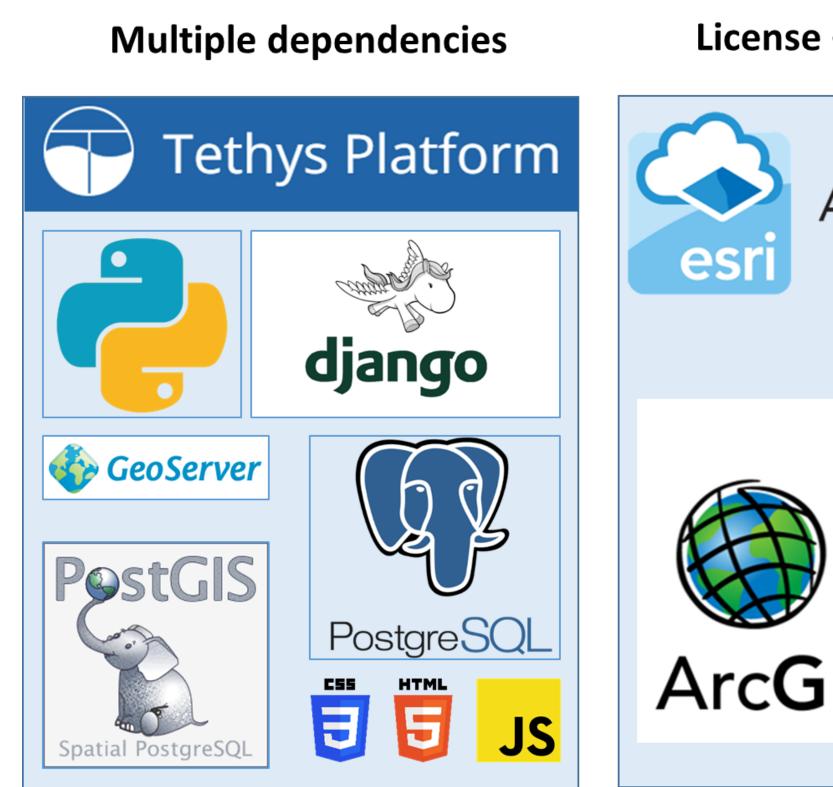
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Motivation

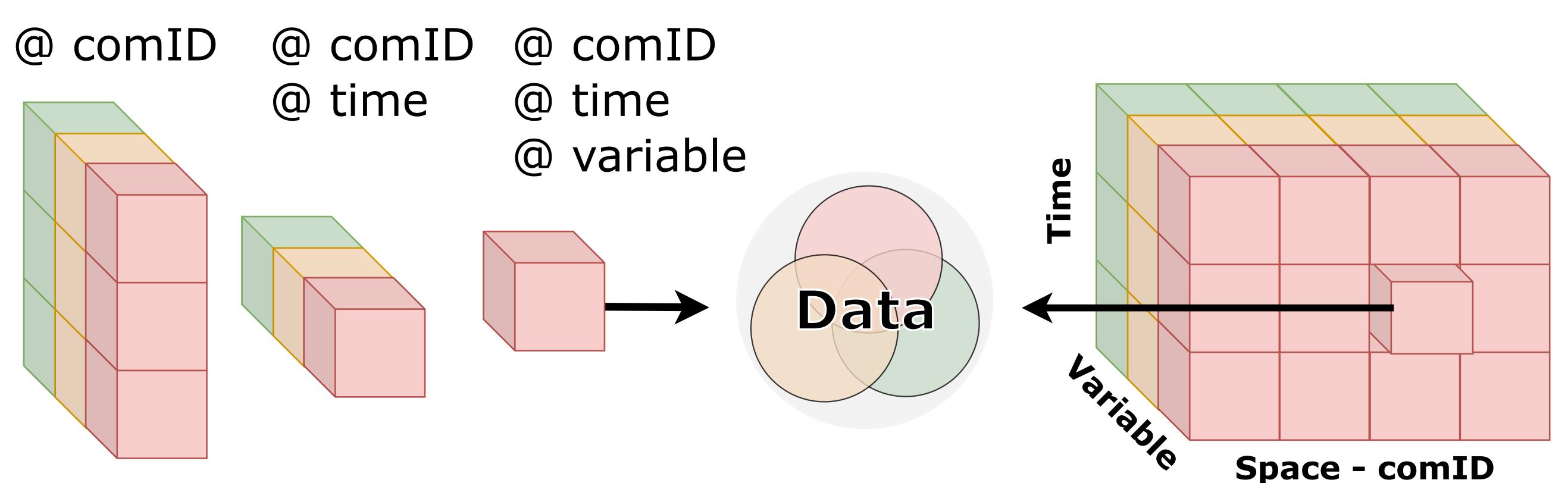
Hydrologic data size are growing rapidly and require efficient tools for visualization and analysis. Previous solutions for visualization and analysis of License + dependencies Multiple dependencies

hydrologic data multiple have dependencies or are not opensource. These two aspects limit their usage.



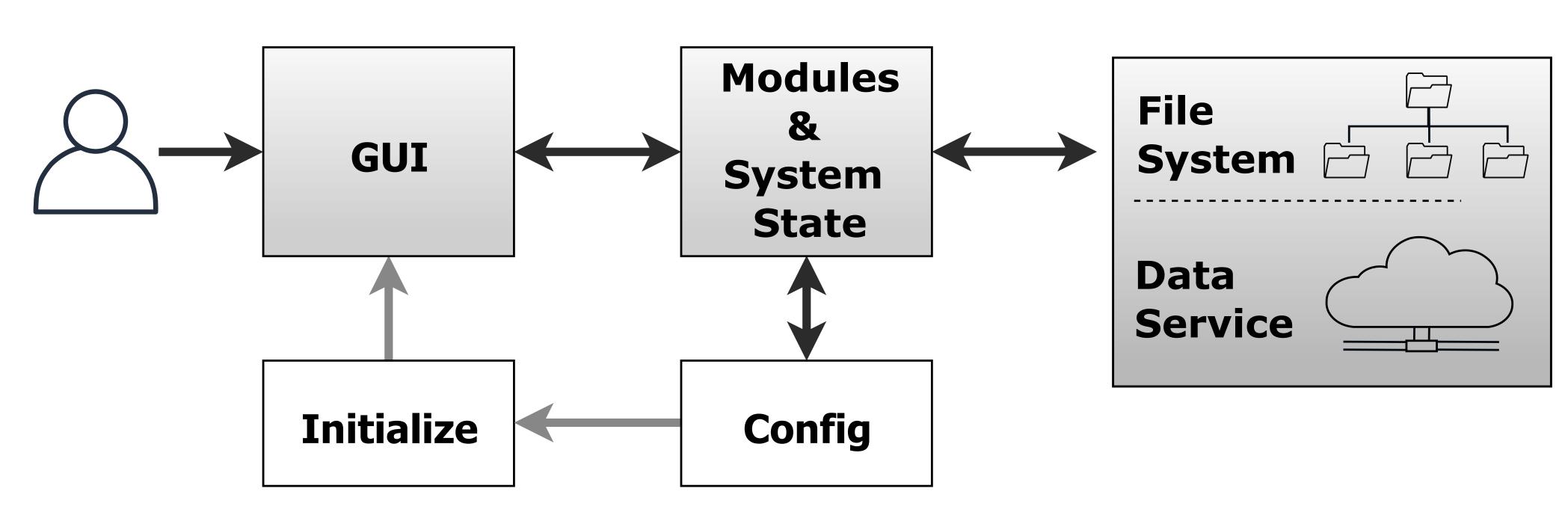
Data Model

Space-time-variable cubes are used for referencing the individual data to corresponding attributes. The atomic element of the data cube can consist of a value, vector of values, or a matrix.



Deployment & Usage

Users can interactively build their web-based platform for their needs by defining the data sources from local file system or data services. Modules and System State interpret user-defined configuration and react to user interactions in the deployed application.



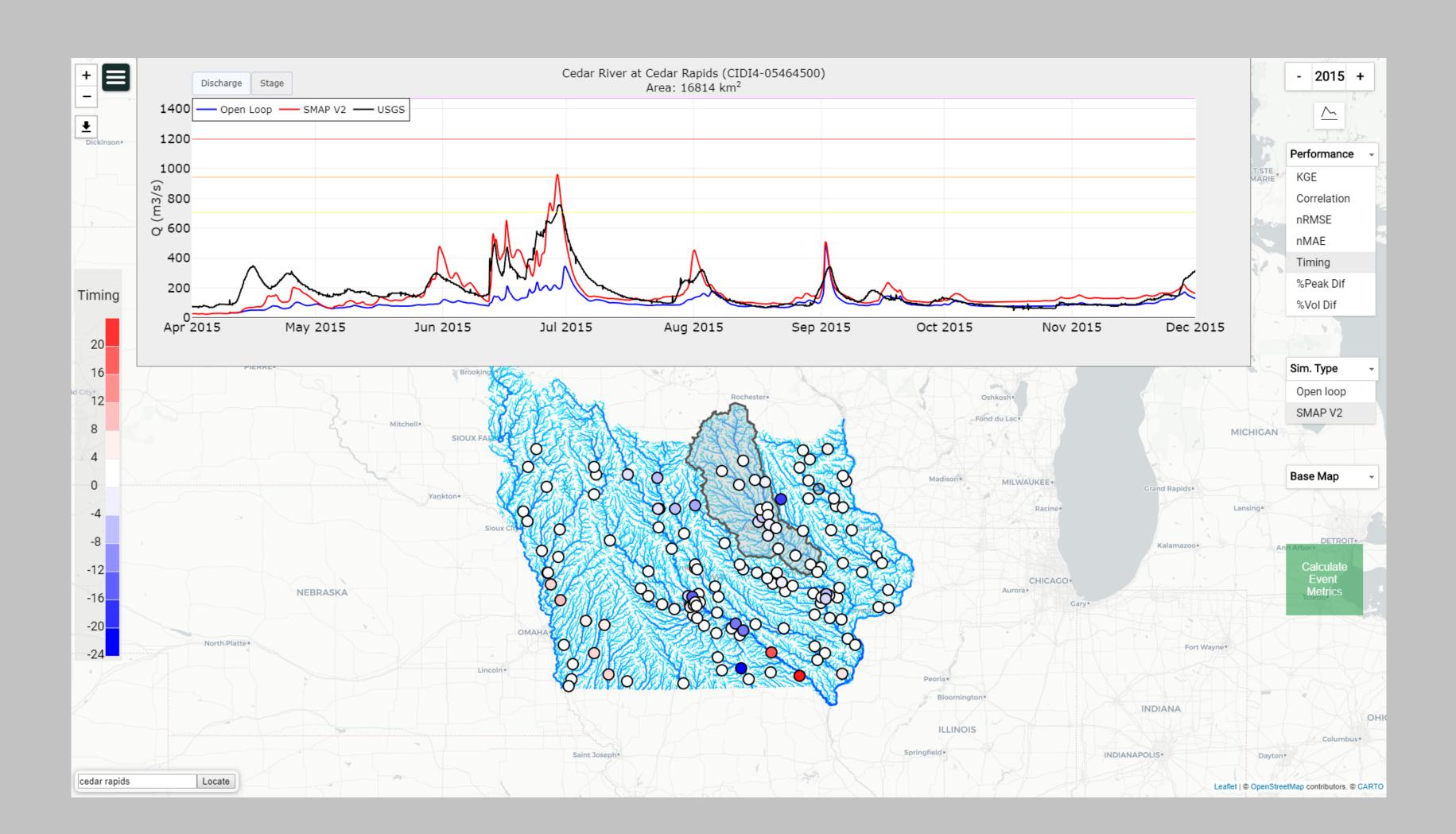
Arc**GIS** Online

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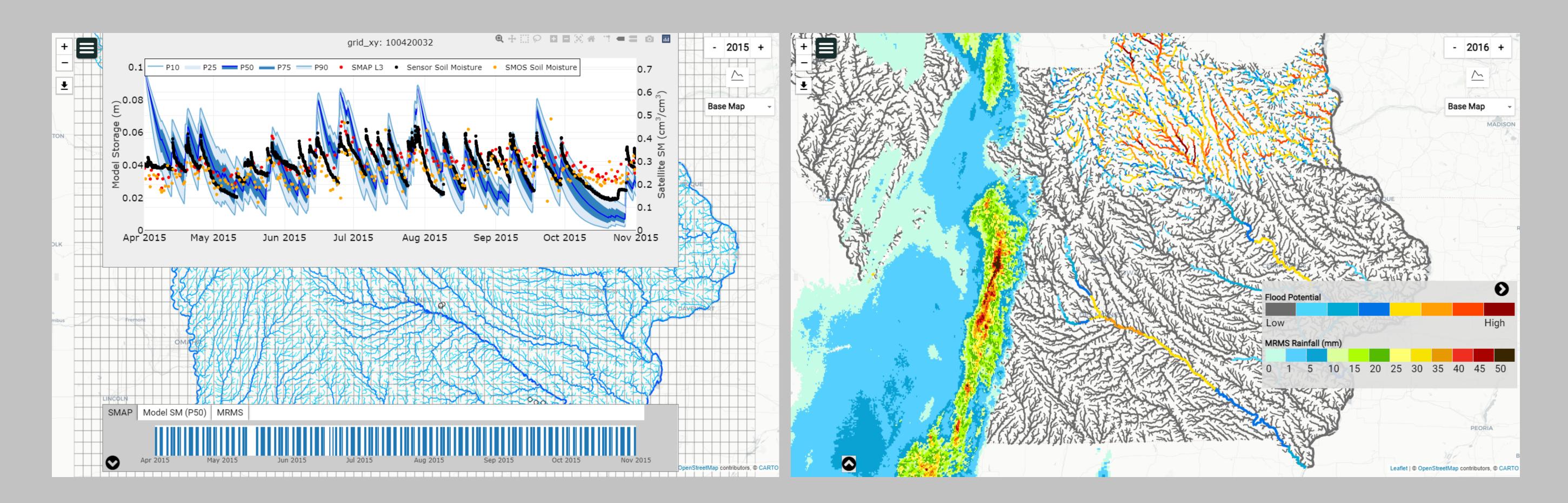
AN OPEN-SOURCE SOFTWARE LOWERS BARRTERS IN VISUALIZATION AND ANALYSIS OF HYDROLOGIC DATA

Acknowledgements:

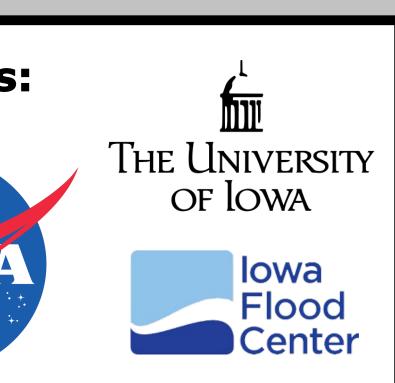


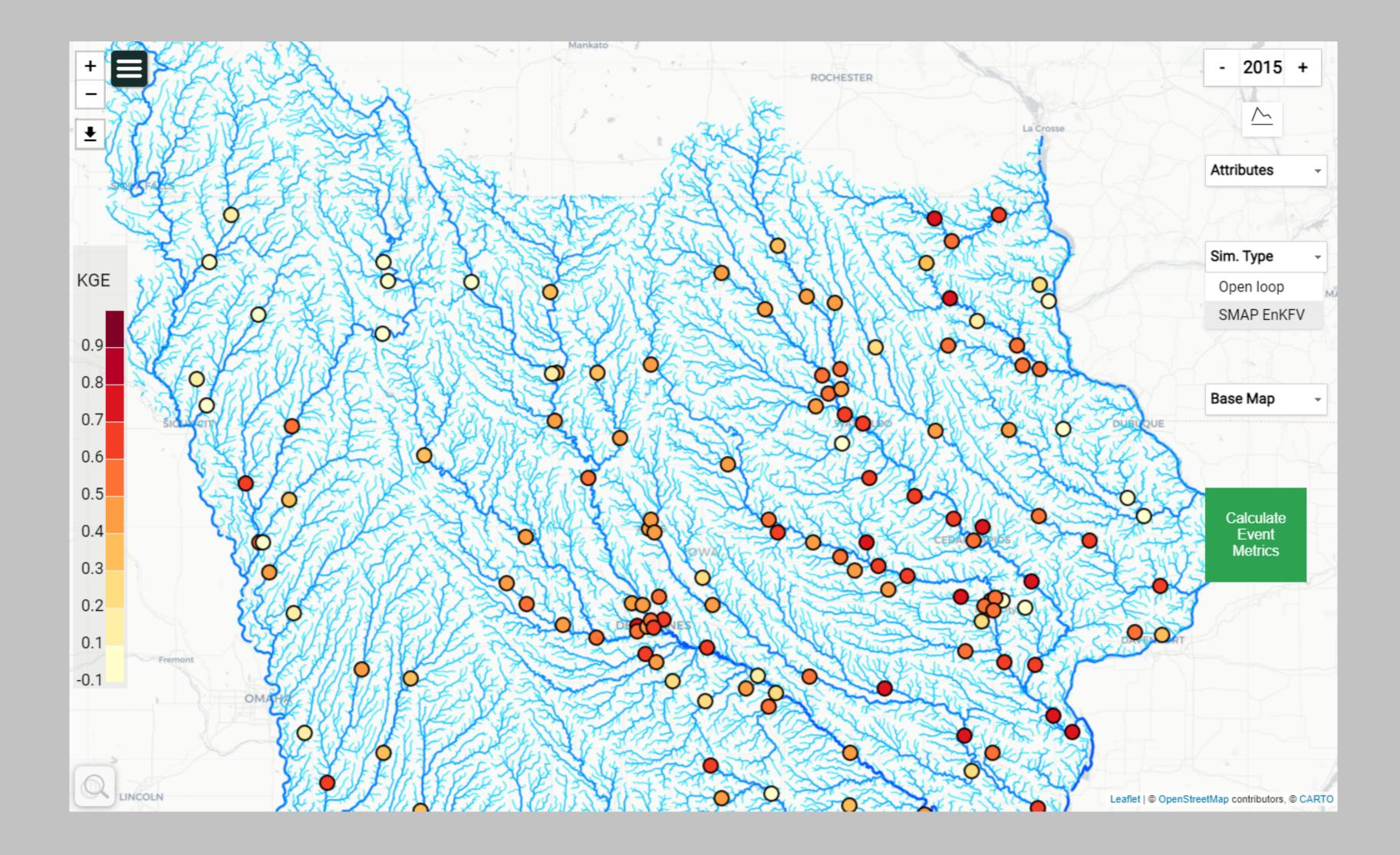


Space-time data visualization & comparisons



Hydrologic model performance evaluations





Time-series visualizations