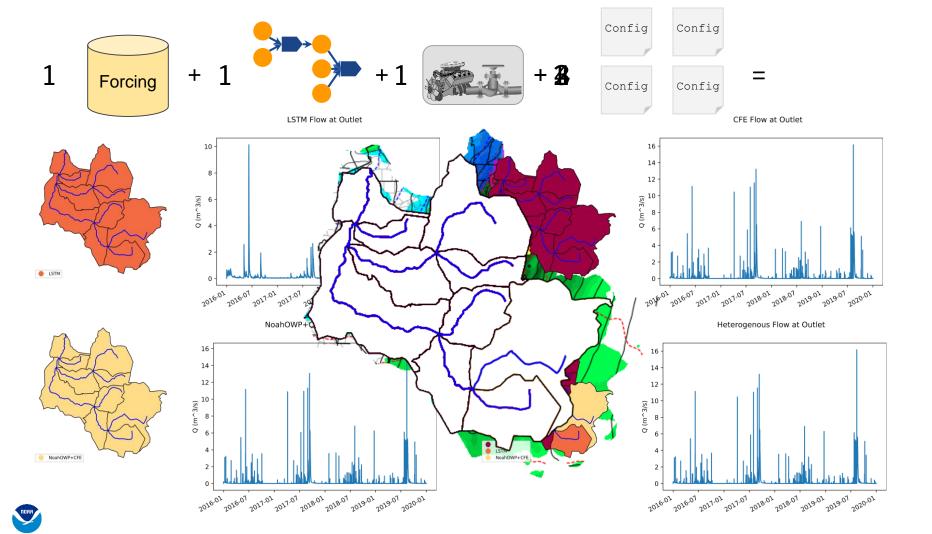
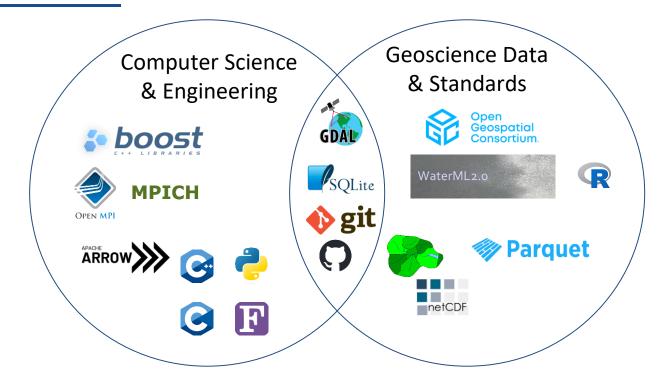
NextGen Water Resources Modeling Framework: An overview of the model agnostic

An overview of the model agnostic approach to integrating and coupling model runtime applications

Nels Frazier, Matt Williamson, Donald Johnson, Justin Singh-Mohudpur, Philip Miller, Shenting Cui, Robert Bartel, Christopher Tubbs

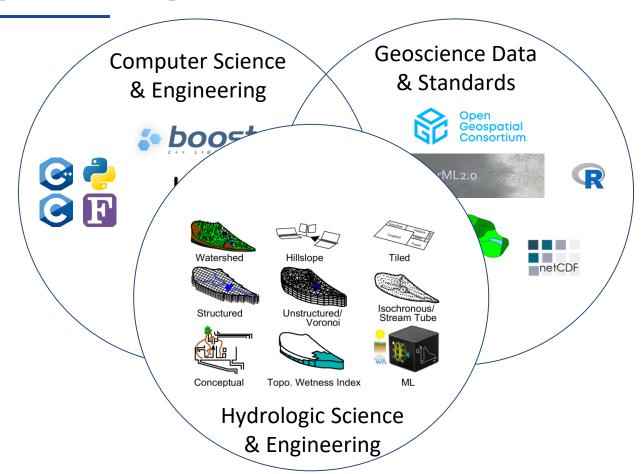


Enabling Technologies & Standards

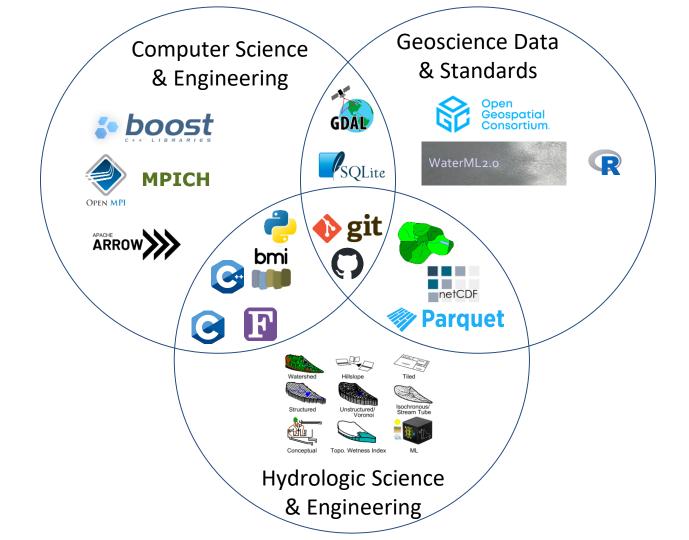




Enabling Technologies & Standards

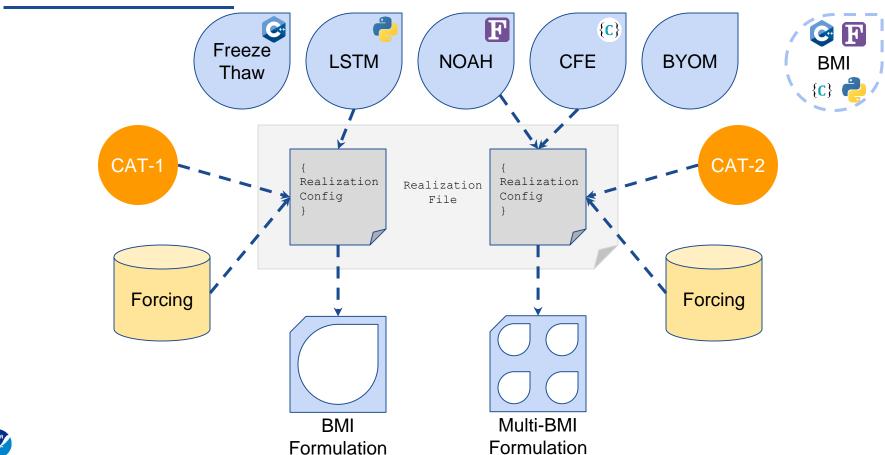






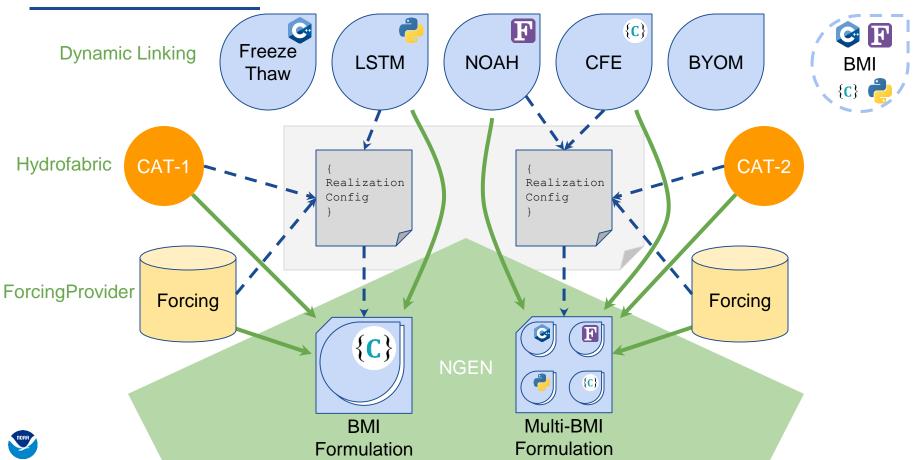


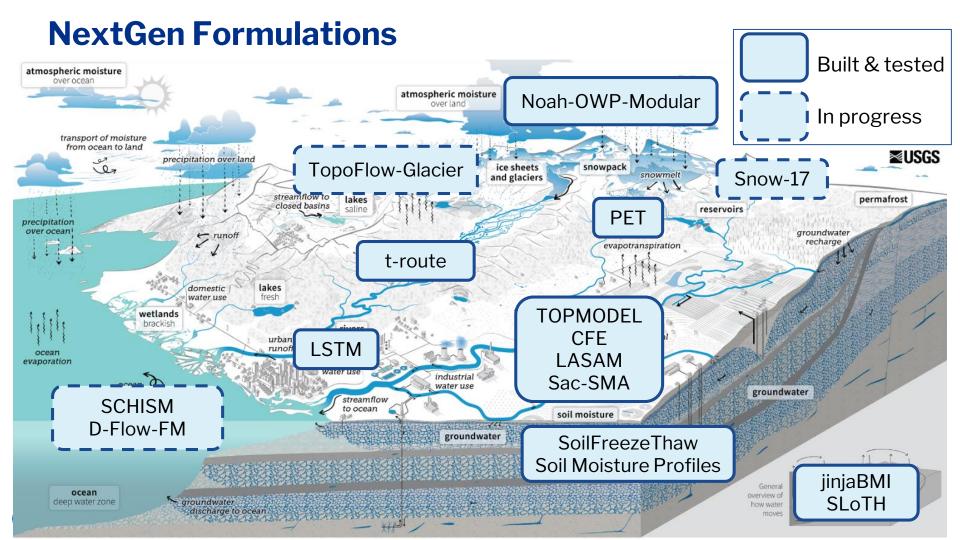
Model Engine: Connecting Models with BMI



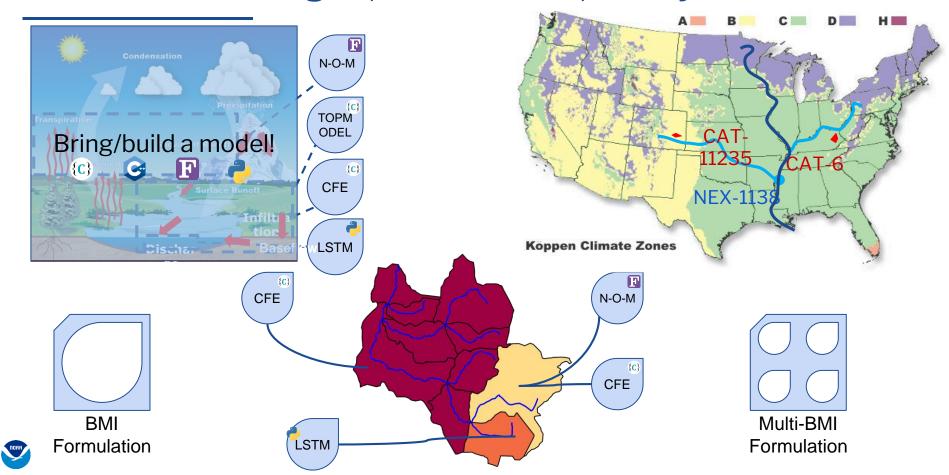


Model Engine: Integrating Technologies





NextGen: Model Engine, Formulations, and Hydrofabric



Follow our Development

The NextGen model engine is developed in a transparent, open source manner with 19 current contributors, 74 GitHub stars, and 53 forks!

Over the past 4 years, it has evolved from research, to prototype, and we are currently working towards an operationally deployable system.



https://github.com/NOAA-OWP/ngen

