

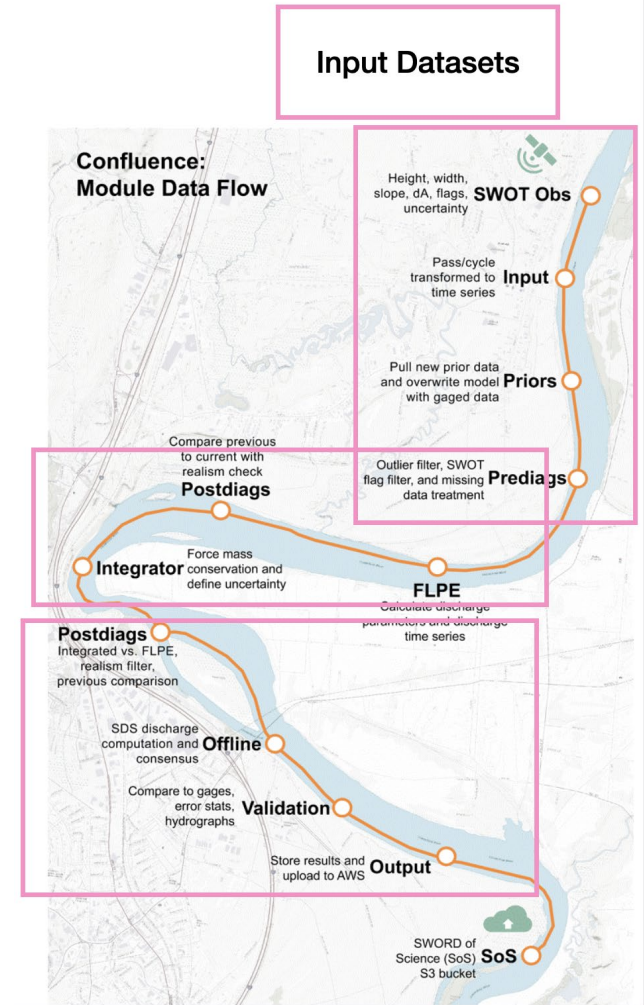
Flow Law Parameter Estimation

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The third notebook covers the Flow Law Parameter Estimation (FLPE).

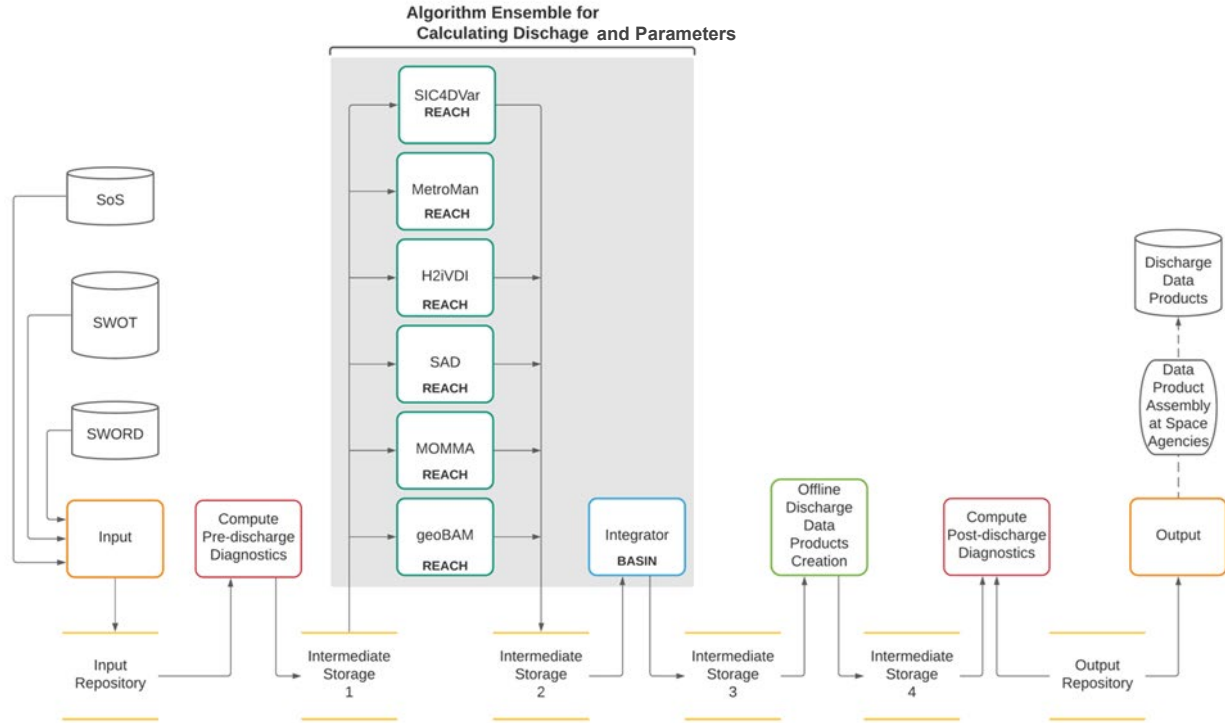
This includes two large steps: reach-scale and basin-scale, with much complexity buried within.

These algorithms have been over a decade in the making!



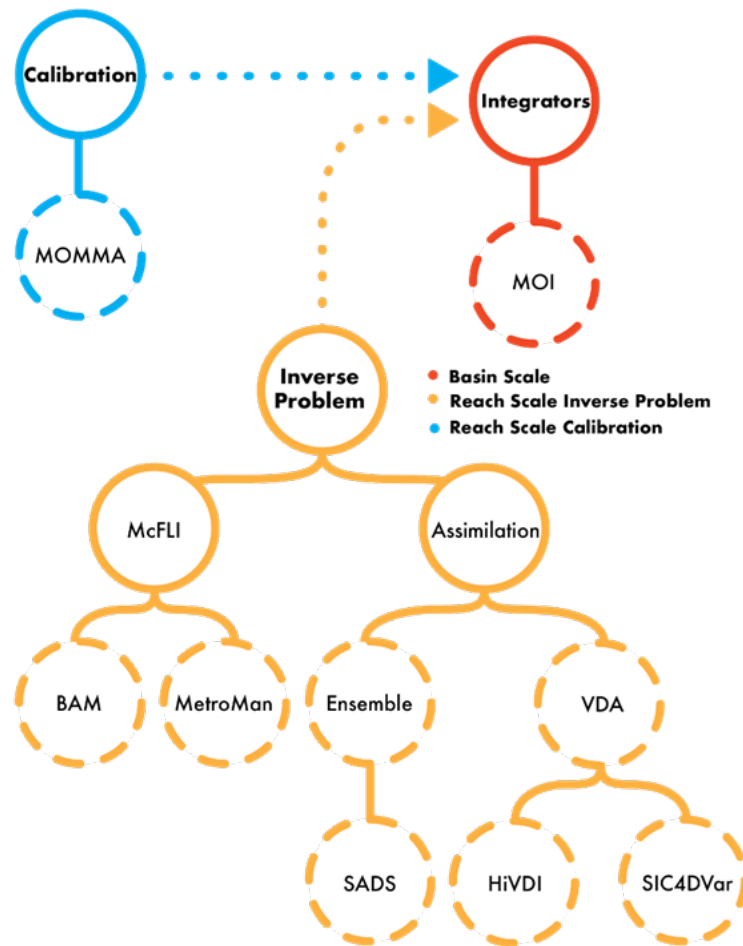
FLPE algorithms at reach & basin scale

Nominal plan (to be confirmed by the DAWG) is to refine each algorithm using the integrator



FLPE hierarchy

Nominal plan (to be confirmed by the DAWG) is to refine each algorithm using the integrator



Reminder of information flow...

Reminder: the FLPE algorithms combine prior information and SWOT observations to estimate flow law parameters.

The parameters are used by the Agencies going forward to compute discharge for the single pass products.

FLPEs may also produce discharge during estimation. These data will be made available via the Science Team

