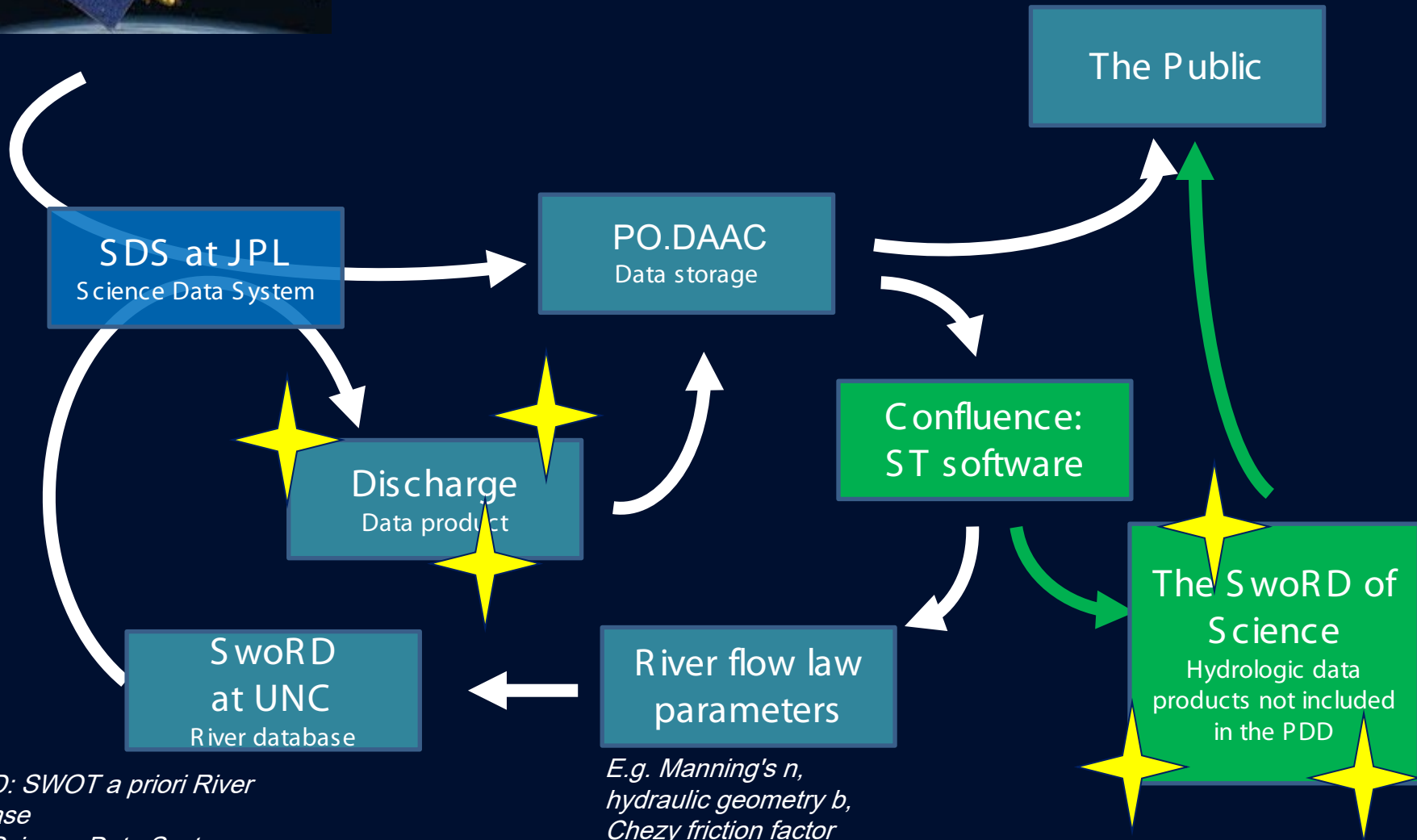


Discharge takeaways



SwoRD: SWOT a priori River Database

SDS: Science Data System

ST: Science team

E.g. Manning's n , hydraulic geometry b , Chezy friction factor

Discharge takeaways

- “Discharge product”: from PO.DAAC/CNES
 - clearly defined and as anticipated for many years
- Everything else: from the SoS
 - many products. Fast moving, changeable, responsive to the DAWG
- Everything in both places is well documented

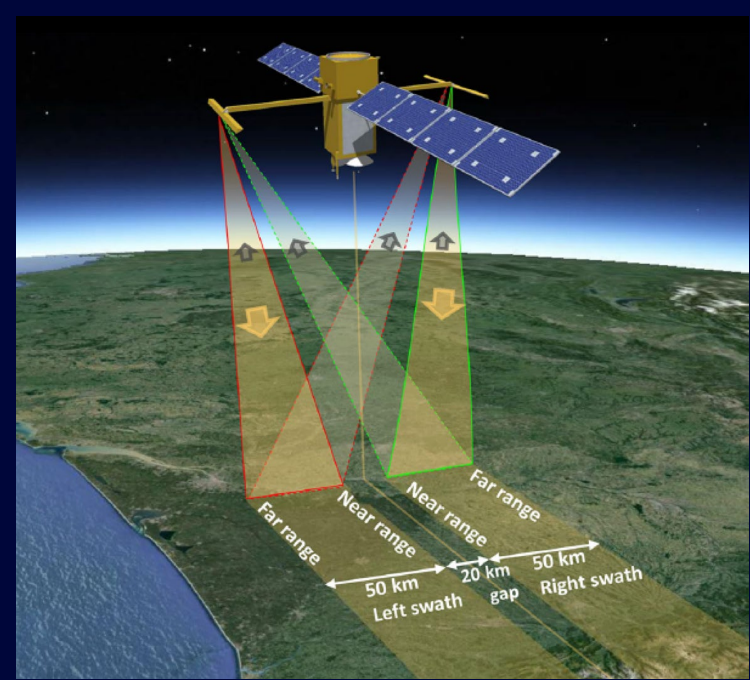
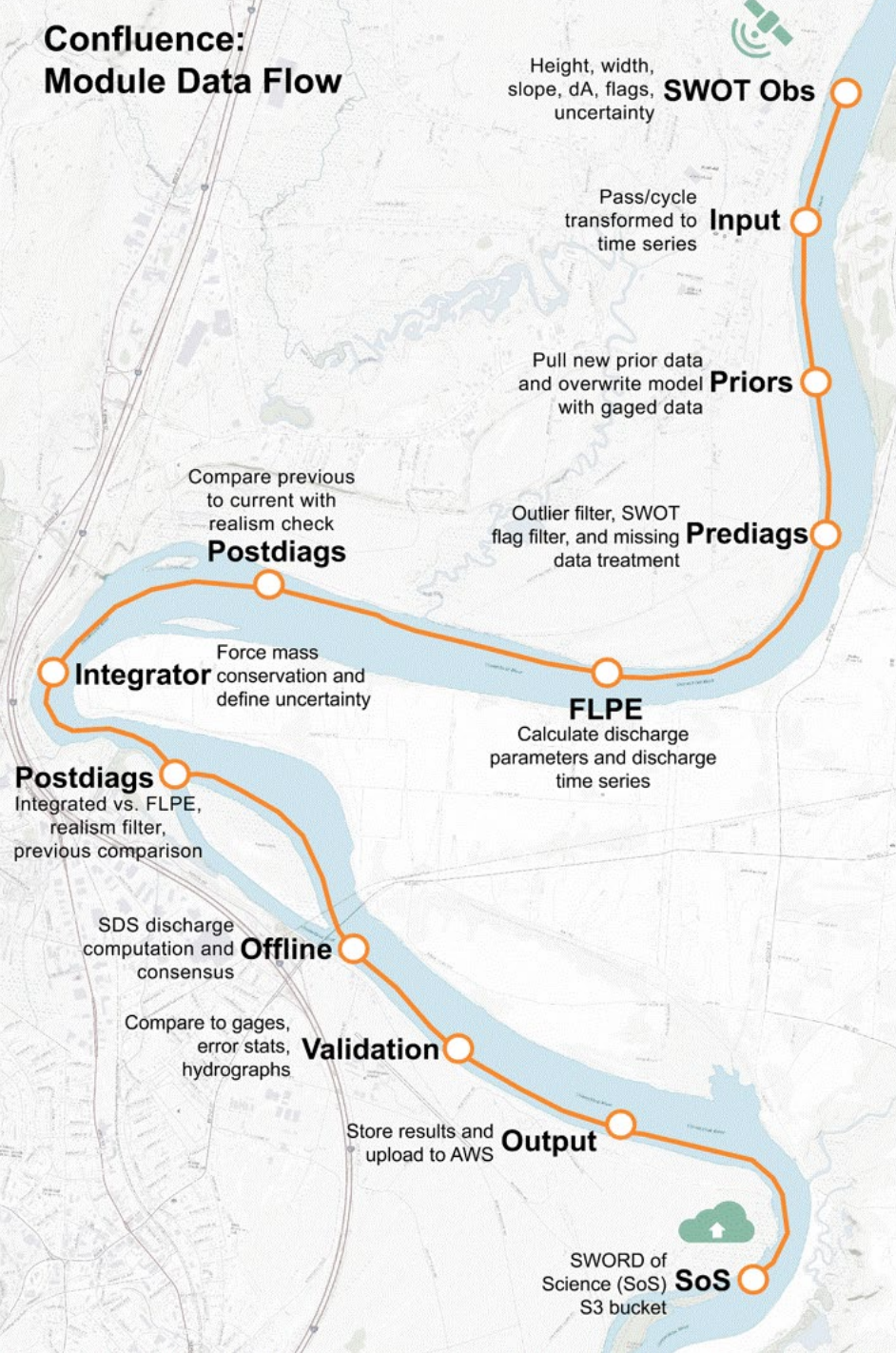
Discharge takeaways

- We're still adding some modules from the ST
 - We've had a delay with some personnel turnover
- New modules/code should wait until after the first discharge product is produced and evaluated

Discharge takeaways

- The DAWG will run everything centrally so you don't have to
 - Please avoid many confusing versions of discharge hosted at dozens of institutions. Talk with us before running our code on your end- it is HEAVY
- We've moved beyond discharge algos to make the discharge product the best it can be
- We're formally verifying our code now, and we will be ready for launch

Confluence: Module Data Flow



The DAWG has gone from “SWOT should probably be able to give us discharge” to a global cloud software that runs six different discharge algorithms that didn’t exist in theory or practice 10 years ago

Thanks to the DAWG!!!