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-Introductory remarks-

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Land and Hydrology Science Program Manager

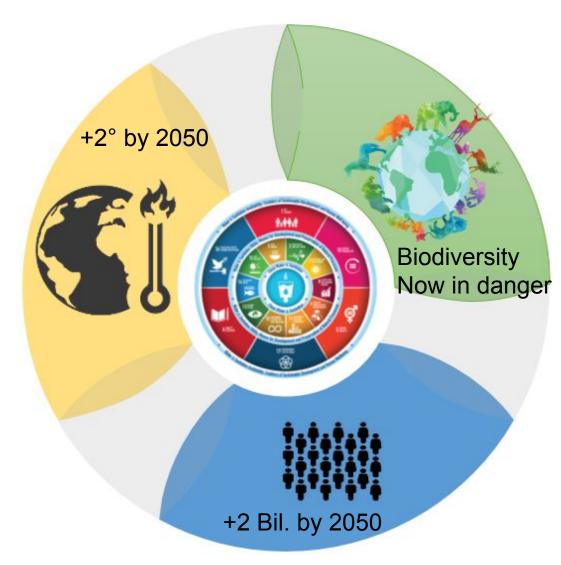
Main constraints on SDGs



Adaptation and mitigations issues

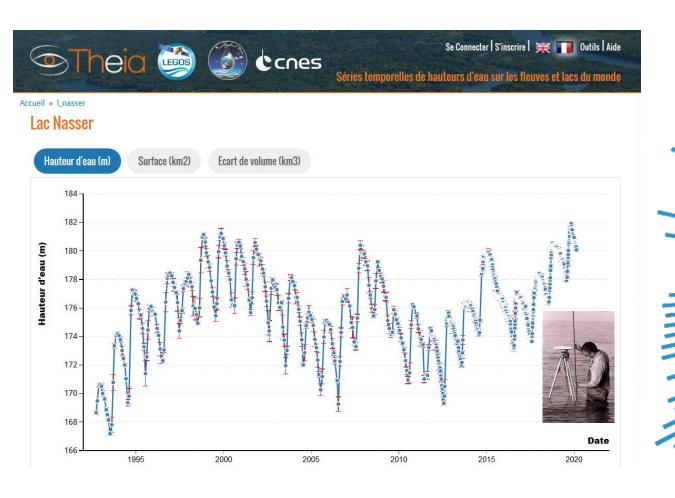
Requiring Management

=>A need for available reliable metrics



Water cycle monitoring and Satellites Assets





Continuity of Homogenous long time series

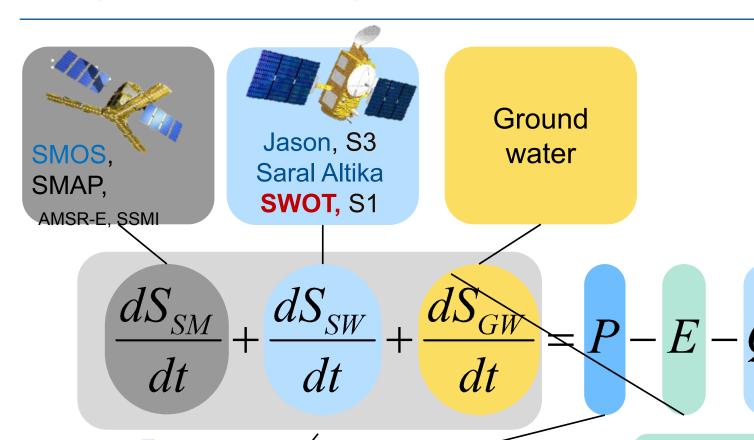
Accuracy, resolution, revisite

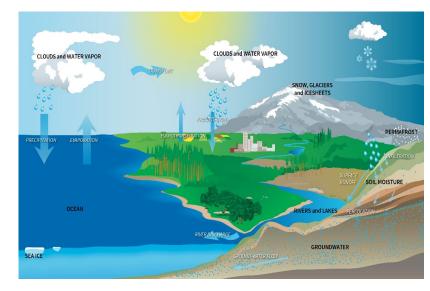
Various types of observations

Integrated approach of geochemical cycles

The regional water budget equation and its satellites measurements









GPM, Megha-Tropiques

(C2OMODO)



SWOT 2022

Jason, S3

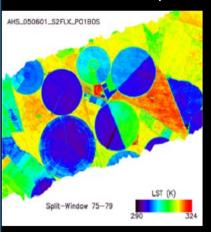
Saral Altika

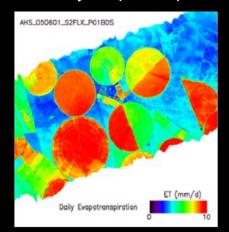






Ground surface temperature and daily evapotranspiration





Launch scheduled 2025

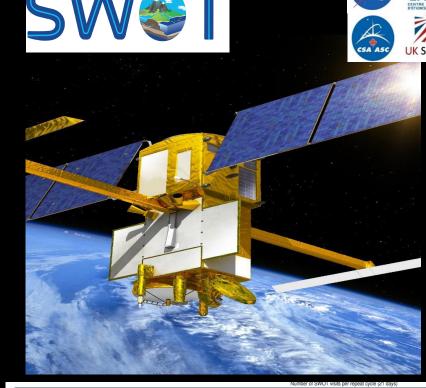


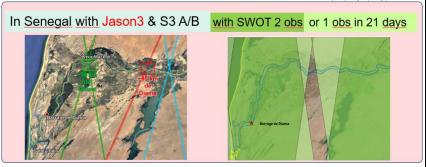


Downstream programs

- Water database
- Geospatial analysis & modelling platform
- Regional coconstruction with users, engineers

& research





Launched scheduled Nov. 2022



Summary

- Important Challenges
- Available reliable historical & news metrics
- Geospatial analysis& modelling platforms for science & dowstream applications

Thank you

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Satellite & Water Resource Management