



Spatial Agent

Access to Data and Analytical Services in a new world of Disruptive Technology

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Session: From theory to practice: Demonstration of EO tools for WB operations AWARENESS EVENT: EARTH OBSERVATION FOR SUSTAINABLE AGRICULTURAL DEVELOPMENT September 27, 2018

We have NO data...



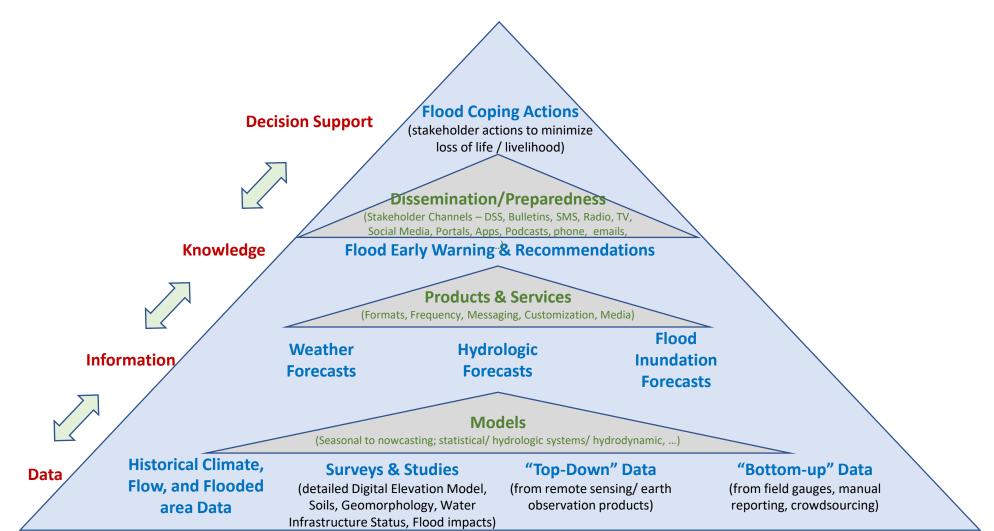
Of course we have data...



Data, data everywhere...



The Data Value Chain Example: Deciding on Coping with Floods



A new world of "Disruptive Technology"

Reimagine decision making

- **Data Collection**: Monitoring/Surveys (in-situ sensors/IoT, Earth Observation, UAVs, crowdsourcing...); Digitization •
- Data Management (telemetry, cloud services, open data, Blockchain, ...)
- **Data Analysis** (Big data, Geospatial/AI/Machine Learning, modeling, script repositories ...) •
- **Data Access** (open data APIs, data visualization, gamification, mixed reality-AR/VR, ...)
- **Outreach:** Platforms/Social Media/Portals/Apps/e-books/Competitions

Reimagine production

- 3D printing/additive manufacturing
- Automation/Robotics/automated transport
- Advanced materials/nanotech/biotech/distributed energy/green tech...

Reimagine interaction

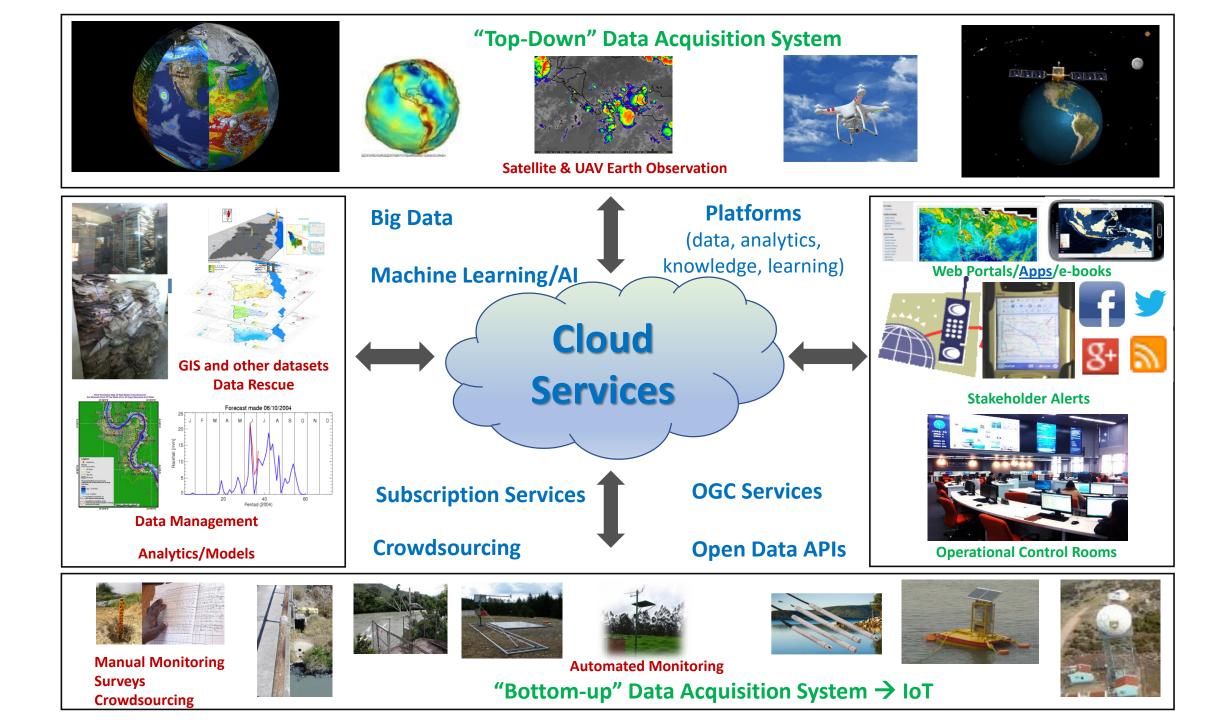
- Crowdsourcing, gamification, competitions (e.g. hackathons, appathons)
- Mobile money, Fintech •
- Maker movement/DIY/Tech Incubators
- Sharing economy







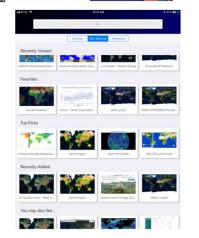




Country-Level

Check out global data from WDI, MIT Atlas on Trade, etc. Great interactive maps and charts.





Sub-National

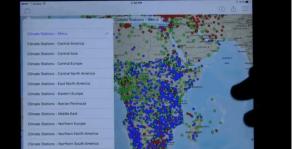
Check out thousands of global datasets from NASA, UN, ESA, GEO, etc. Great interactive tools, including use of the Google Earth Engine API for live cloud computing.



Showcase

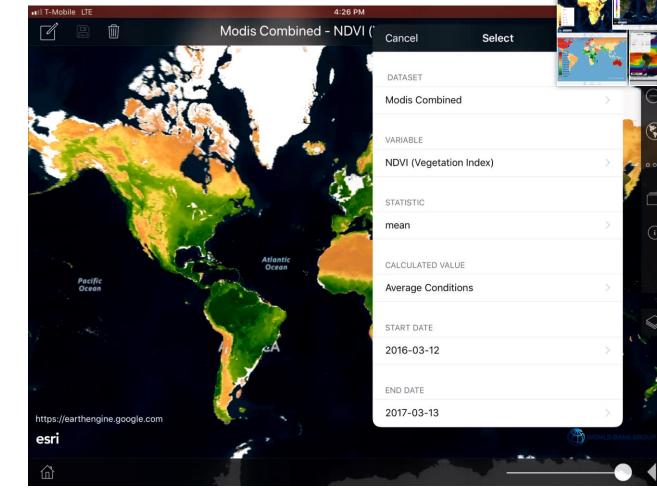
Check out great showcase data on Mekong Delta, Poverty, Forecasts, etc. for selected areas and specialized themes





Spatial Agent App

A new world of data and analytics at your fingertips!



- \Rightarrow Geospatial Platform
- \Rightarrow HydroInformatics Platform

Download free from: <u>http://apps.worldbank.org</u> <u>OLC Resource Page</u> and <u>Blog</u> ioS (iPad and iPhone): search "Spatial Agent" on Appstore or from <u>http://apple.co/2eVu5xJ</u> <u>Android Draft version</u> Contact: Nagaraja Rao Harshadeep

