

THE GEO KNOWLEDGE HUB: TRANSFORMATIVE SOLUTIONS THROUGH OPEN SCIENCE

LEVERAGING TECHNOLOGY FOR IMPACT

The GEO Knowledge Hub is a technology enabler, combining big Earth observations data with cloud computing technologies to provide transformative solutions through open science

- Over 400 million free and open Earth observations resources
- Research papers, methodologies and reports
- Software algorithms and cloud computing processing
- In situ and satellite data and images
- Results for verification

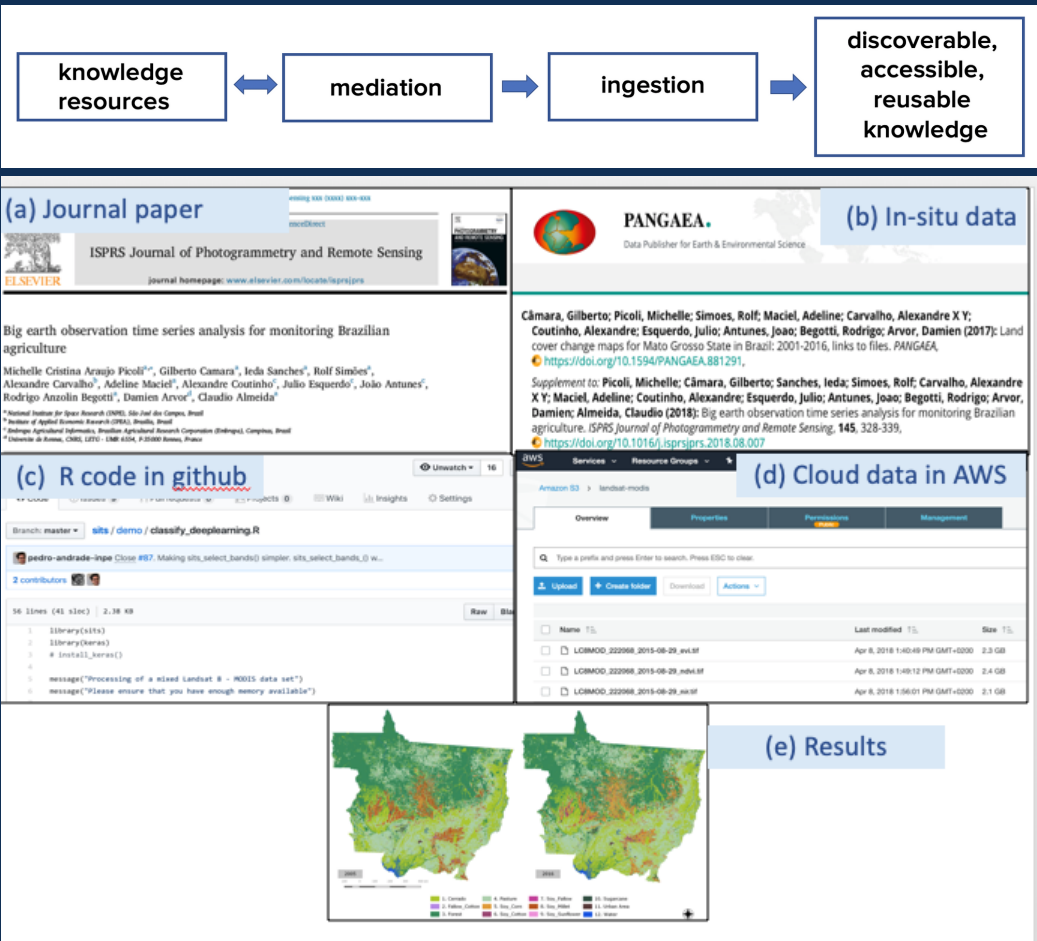
SUPPORTING ACTION ON GLOBAL POLICY FRAMEWORKS

The GEO Knowledge Hub empowers decision makers with end-to-end solutions to bring codified knowledge, data and tools together for improved reporting on global conventions, targets and agreements

CO-CREATING WITH COMMUNITIES

Trusted, reliable knowledge for actions on climate change mitigation and adaptation produced together with regional and national stakeholders

HOW IT WORKS:



Knowledge Resources	Sources
Publications	Scientific Journals and Reports provided by GEO Work Programme activities, with associated DOI (unique object identifier)
Software code, models and tools	Open source software code provided by GEO Work Programme activities, preferably available in Github, with associated DOI. Backup copies stored in the Knowledge Hub.
Remote sensing data	Link provided by the GEOSS Platform (or similar indexing schema) to files in a cloud repository
In situ data	Link provided by the GEOSS Platform (or similar indexing schema) to files in a recommended data repository, with associated DOI
Ancillary data	Link provided by the GEOSS Platform (or similar indexing schema) to files in a recommended data repository, with associated DOI
Output data and products	Link provided by the GEOSS Platform (or similar indexing schema) to files in a recommended data repository, with associated DOI
Videos	Directly stored in the Knowledge Hub
Other relevant documents (e.g., training materials)	Directly stored in the Knowledge Hub