

OPENION ENGINEERS Workshop

Session 7: Private Sector, VHR & Cloud Providers





- Prof. Dr. Jinlong Fan
- National Satellite Meteorological Center
- China Meteorological Administration

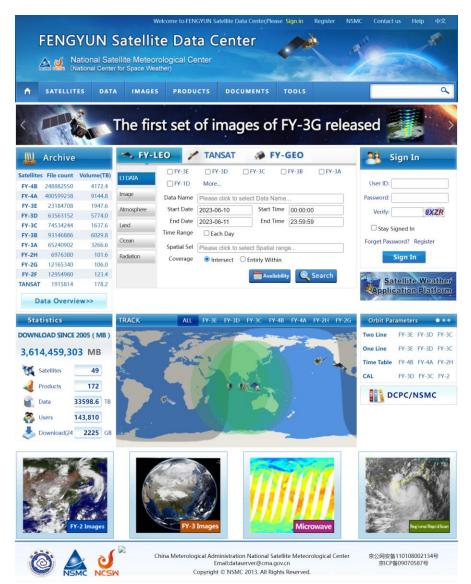


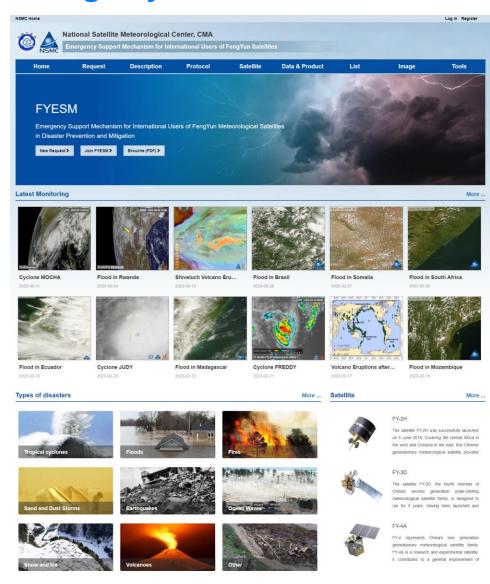
Long time series of data from Chinese Meteorological Satellite Program





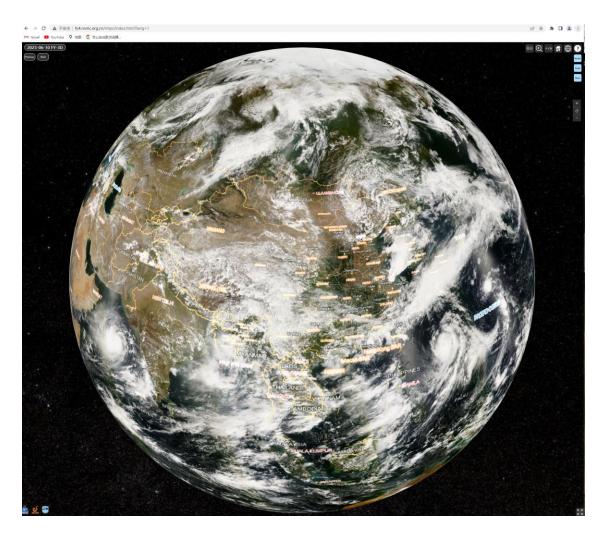
FENGYUN Portals for satellite data access and emergency data service

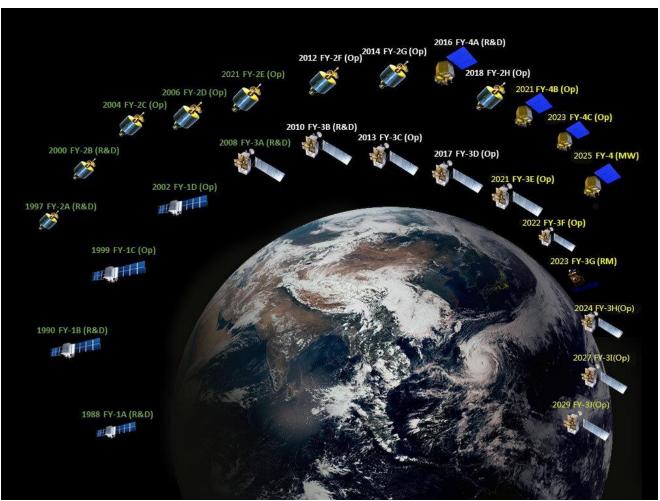






FENGYUN satellite data visualization and data continuity for next decade









- Private or partially public clouds were fast developed in the past many years in China
- These are running on commercial mode and not providing free computation services for data community
- ◆ PIE-Engine is keen to support the public computation for GEO community with various Chinese satellite data and alien satellite data as well



SIWEI earth – China Siwei(2019)



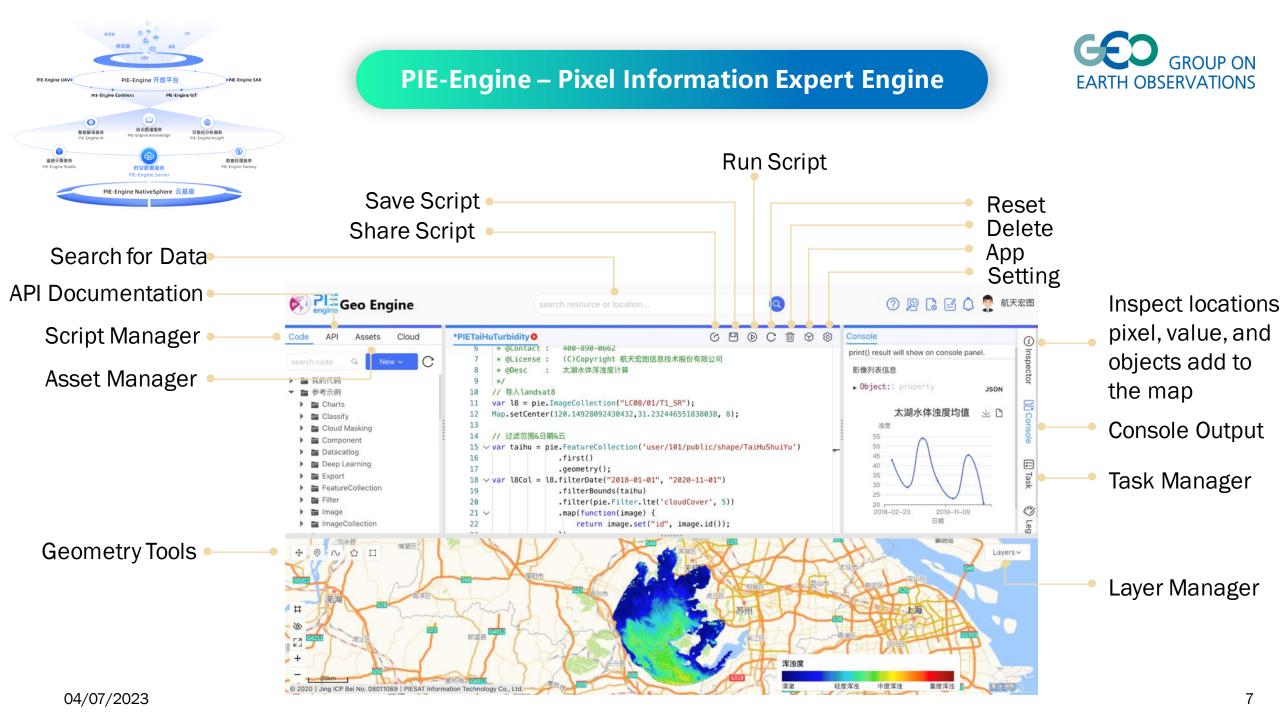
Al Earth – Ai Cloud(2009)



SenseEarth - Sensetime(2014)

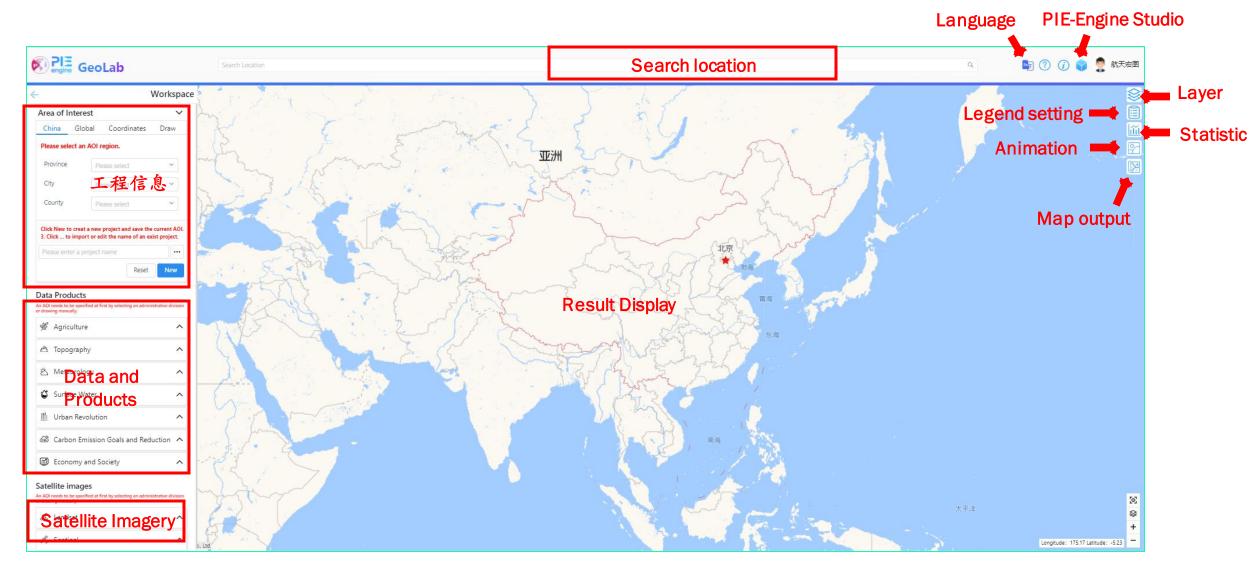


PIE-Engine - PIESAT(2008)



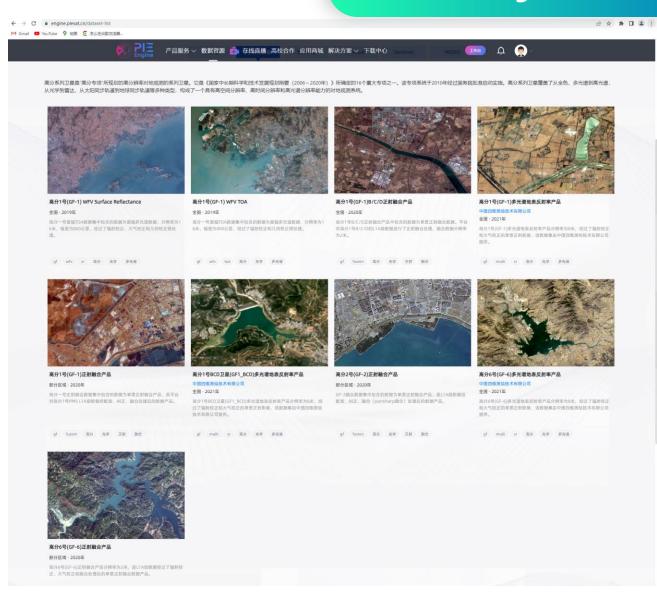


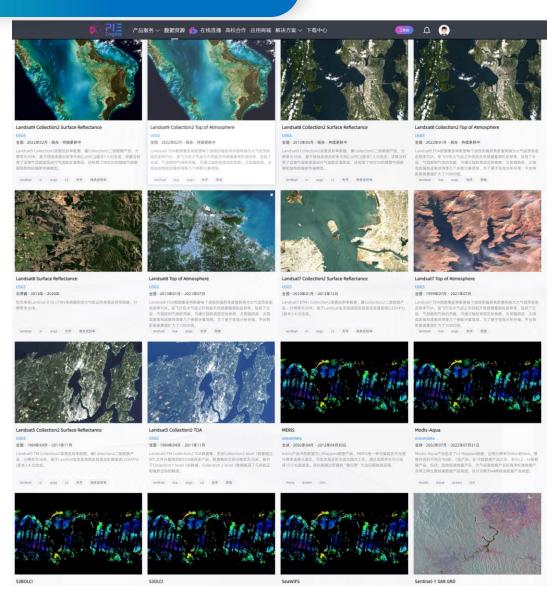
PIE-GeoLab – Remote sensing data visualization



PIE-Engine – Satellite data sources



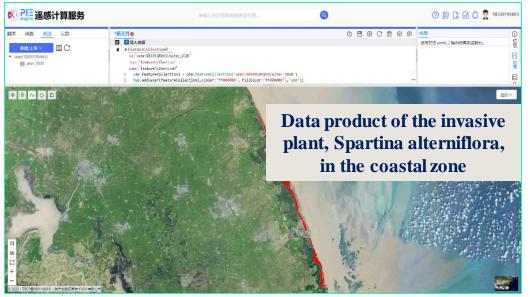






Data products development with PIE Engine

To be jointly released the first set of mangrove product at the sub meter spatial resolution and at the global scale









PIE CASA NO2 Generation

PIE GeoLab

① China NO2 Products

Search Location

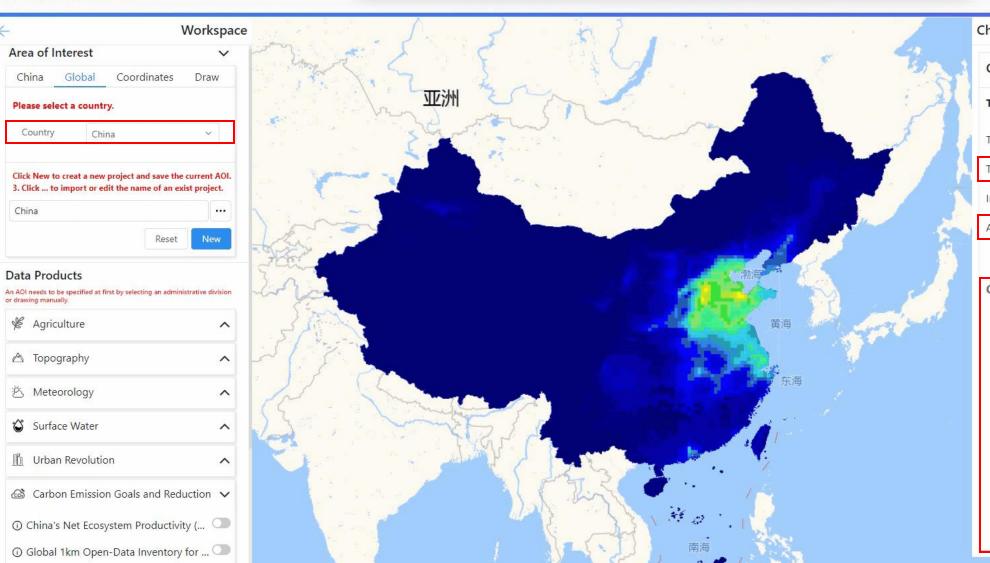
o. Ltd.

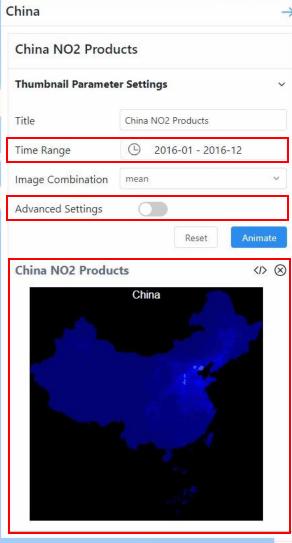












Longitude: 175,46 Latitude: 8.88

PIE Cloud development for global agricultural growth and drought Monitoring

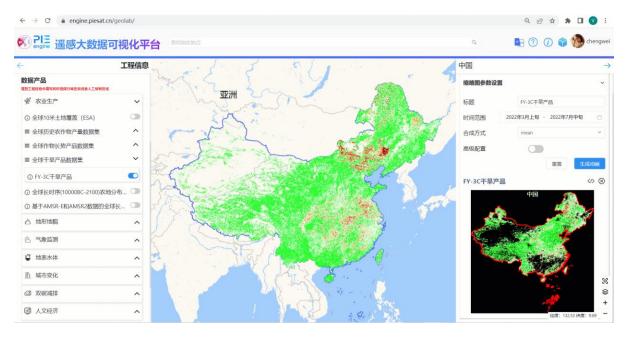


Crop Growth Condition Mapping

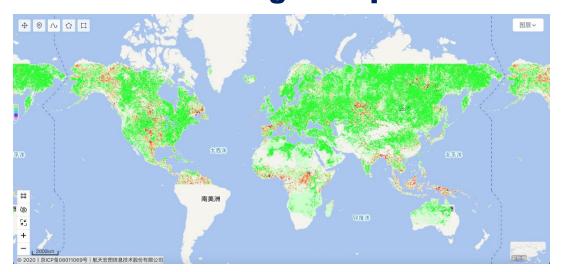


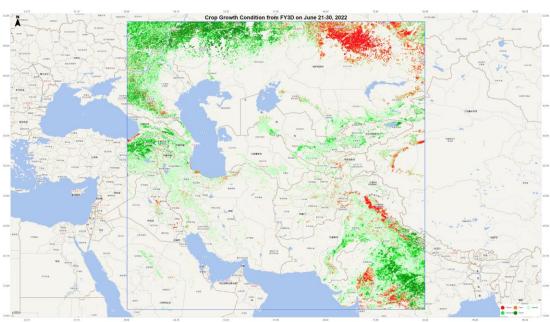
04/07/2023

Crop Drought Mapping

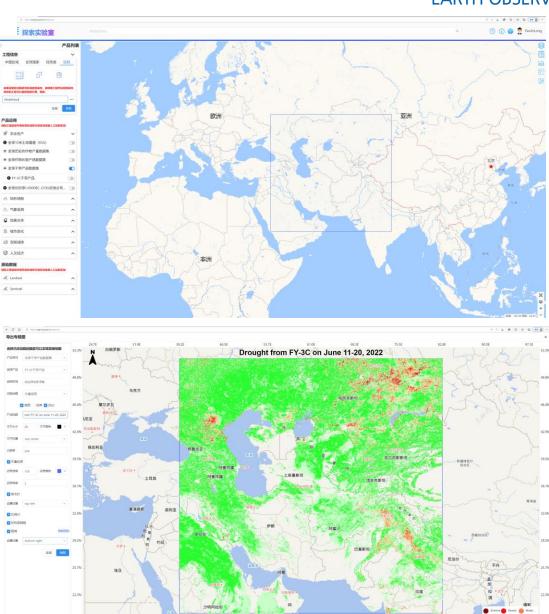


Cloud development for easily making drought map











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