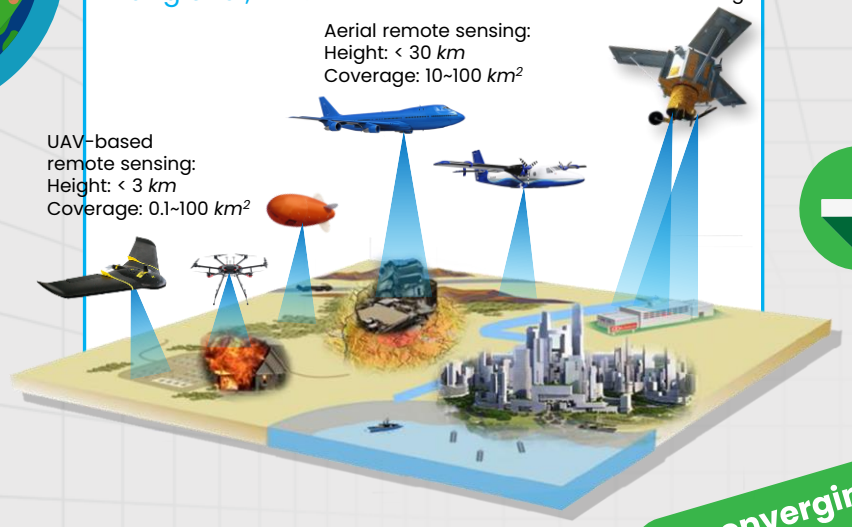
Biology-physics-chemical of Earth

Earth Observation

Xiang et al, 2019



Climate & weather data, Geospatial data, Environmental and biological data, Socio-economic data, Sensor & instrument data

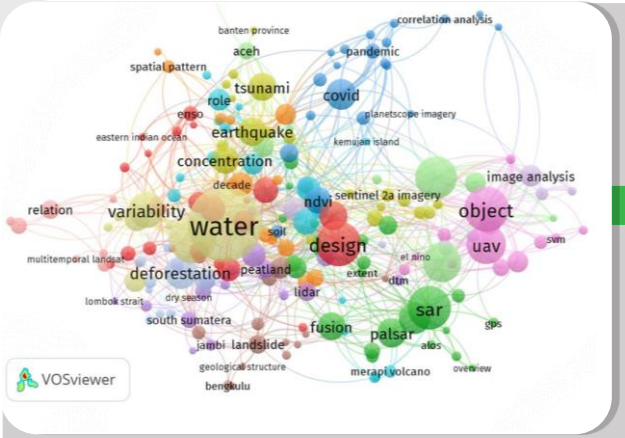
Earth Intelligence

Technology 4.0

- 01 IoT
- 02 Big data analysis
- 03 Cloud computing
- 04 AI

converging

Remote Sensing Themes



- Climate Change
- SDGs
- Net zero emission

Selecting significant themes in the regional areas

SAFE-CH4Rice Project

AsiaRice

- Vietnam
- Japan
- Indonesia
- India
- Thailand
- Bangladesh

Promising significant advances in how we understand and interact with Earth's systems

Collaboration

Space Agency, Government institution, Research institute, University, Private/Industry, Other users & stakeholders

The challenges

- 01 Skill Gap
- 02 Data Security and Privacy
- 03 Integration of diverse dataset