10m resolution Habitat Classification (Land Cover Analysis)
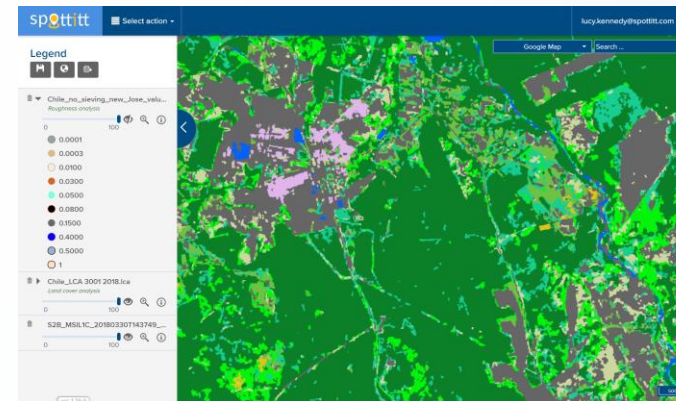
spottitt

6 CLEAN WATER AND SANITATION

- User: International, national, regional and local government bodies and agencies, NGO's.
- Challenge/Needs: Large scale analysis and digital mapping of current and past habitats from 64 square km and upwards in size. Used to understand how change in habitat can impact water related ecosystems and ultimately the provision of drinking water for all.
- Initiative: Developed as part of ESA Business Applications funded SEWISS project which developed a range of site selection tools for onshore wind developers.
- Results: Commercially available service derived from Sentinel 2 imagery. Global coverage. Automated service request/delivery. Cost £1/square km. Volume discounts available. Service details.
- Service Provider: Spottitt Ltd.

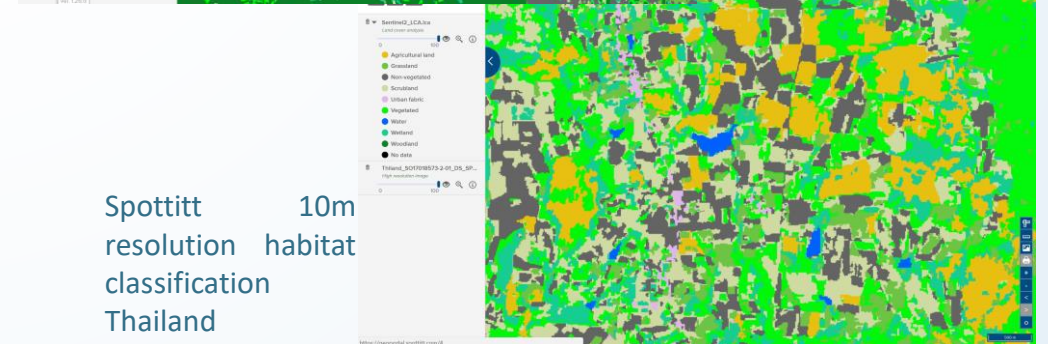Target 6.1: By 2030, achieve universal and equitable access to safe and affordable drinking water for all.
- Assess water use efficiency

Target 6.6: By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes.
- Extent of water related ecosystems

Spottitt 10m resolution habitat classification Chile

Spottitt 10m resolution habitat classification Thailand

EARSC

European Association of Remote Sensing Companies

https://www.spottitt.com/about/spottitt-features/land-cover-analysis-lca/