

EO services contributing to SDGs

50cm resolution Habitat Classification (Land Cover Analysis)

spottitt

6 CLEAN WATER
AND SANITATION



- User: International, national, regional and local government bodies and agencies, NGO's and specific industries.
- Challenge/Needs: Large scale sub meter resolution analysis and digital mapping of current and past habitats from 25 square km and upwards in size. Used to map in great detail how change in habitat can impact water related ecosystems and ultimately the provision of drinking water for all.
- Initiative: Initially developed with the support of Warwickshire Wildlife Trust, has now been successfully used across the UK and Northern Europe. For best results use imagery taken during the growing season.
- Results: Commercially available service derived from sub meter resolution optical imagery. Global coverage. £20/square km when using existing imagery £27/square km when using freshly captured imagery. Volume discounts available.
- Service Provider: Spottitt Ltd.

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

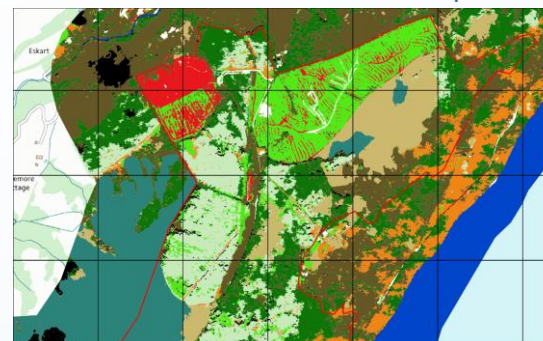
- Assess water use efficiency

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 50cm resolution habitat classification Birmingham



Spottitt 50cm resolution habitat classification Scotland

EARSC

European Association
of Remote Sensing
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