

# EO services contributing to SDGs

## Monitoring Climate Change For Disaster Response



- **User:** Local and national governments, emergency response teams, humanitarian aid and disaster relief organizations
- **Challenge/Needs:** Identifying, monitoring, and mitigating climate-related hazards and catastrophes with updated data and across remote areas
- **Initiative:** Local, national, and international programs. Satellogic is working with CC35 on the GREEN+ Jurisdictional Programme.
- **Results:** Consistent data and flexible licensing enables greater collaboration across teams for more effective outcomes
- **Service Provider:** Satellogic

### CROSS-SDG

<https://satellogic.com/2022/04/22/earth-day-2022-monitoring-climate-change-with-earth-observation-data/>

<https://satellogic.com/2022/03/29/ogc-disaster-pilot-project-21-improving-disaster-response-with-earth-observation-data/>

<https://satellogic.com/earth-observation/environment-climate/>

Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries (*services based on Identifying, monitoring and preparing for climate related hazards*)



Lismore, in NSW, Australia. Flash floods are especially challenging for rescue and emergency response units. Earth Observation satellites can capture ground conditions quickly and at scale, enabling timely analysis for disaster response as well as recovery. This includes monitoring water levels, identifying structures, assessing damaged infrastructure, and detecting at-risk areas.