

Topics (T)
Interactive Presentations (IP)

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COORDINATION, COHESION, COLLABORATION – INSPIRING AND DRIVING INNOVATION
AND SUCCESS BY CONVENING THE EARTH OBSERVATION FOR CLIMATE COMMUNITY

Abstract

Space4Climate: who we are and what we do

Space4Climate (www.Space4Climate.com) is a successful non-commercial public-private-academic partnership chaired by the UK Space Agency, working collaboratively to ensure a seamless supply chain for climate data from space. We support the UK's world-leading climate community to deliver, sustain and make use of climate information from space, enabling it to be integrated 'as standard' in a variety of climate services for global economic and societal benefit. We work to raise the profile of climate data from space for climate services innovation both nationally and internationally.

With 50+ members, representing leading climate research institutions, funders, policy-makers, NGOs and industry, Space4Climate is an independent organisation acting as a neutral broker for Earth Observation for climate collaboration. Our members include Telespazio UK, CGI, the National Centre for Earth Observation, Ordnance Survey, the UK Department for Food and Rural Affairs (Defra), the Met Office, UK Research & Innovation and the Global Partnership for Sustainable Development Data.

Our proposed talk

We will demonstrate the impact of Space4Climate through real world case studies of successful pre-commercial climate service innovations. We propose to share the community's achievements so far to inspire similar organisations to effectively bridge the gaps between climate research, funders, policy-makers, and commerce. We will also highlight success stories from the few similar organisations around the world.

The UNOOSA-UK Space Agency report published November 9th 2022, "International efforts using space for climate action", identified that more can be done to improve cooperation and coordination to benefit capacity-building for successful and sustainable short and long-term climate action. The report says there are gaps in information-sharing networks that could increase awareness, understanding and collaboration in the use of space for climate action. Our talk aims to inspire networks of Earth Observation climate communities in other countries, leading to opportunities for international collaborations.

This session is intended to benefit space agencies, climate organisations, NGOs, policy-makers, governments, climate scientists, industry and business.