

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Enabling the Future - Developing the Space Workforce (5)

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SPACE WEATHER USER ENGAGEMENT ACTIVITIES, TRAINING AND WEBINARS

Abstract

Europe already has a wealth of expertise and assets providing high-quality scientific observations, results and models in the domain of space weather, together with a growing number of space-weather 'products' - processed, usable data - which are being used by customers across Europe in industry, government and research institutes. ESA's Space Weather (SWE) Service Network builds firmly upon this foundation to implement a federated European Space Weather service provision concept, avoiding duplication and ensuring that these existing assets and resources play a key role in Europe's new coordinated Space Weather Service provision system.

In addition to the development and provision of timely and reliable space weather information to end users, the ESA Space Weather Service Network also performs user training, service test and communication campaign, as well as other end-user engagement activities that include training and webinars on Space Weather topics and portal utilization.

The present article explains the user engagement activities objectives, implementation and lessons learned of the past years and strategy for the near future. The training and webinar activities include generic and open training sessions organized in the frame of existing events (e.g. European Space Weather Week) and mission-specific customized training provide to spacecraft / mission teams (e.g. EUMETSAT, BepiColombo,...). The initial webinars implemented and the webinar communication plan for 2022 and 2023 aim at enabling existing and new users of the ESA Space Weather resources. The User Engagement activities, including training, are coordinated, prepared and implemented by a consortium of companies and research institutes, as part of the ESA Space Weather Service Network.