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Sorvegliati Spaziali - translating Solar Activity into Public Knowledge

Thursday 12 September 2024 14:00 (5 minutes)

Sorvegliati Spaziali –looking up to Space to protect our Planet–is a project of the Italian National Institute for Astrophysics (INAF) and represents one of the world’s first coordinated, complete and coherent public awareness campaign on the Planetary Defense by a research body.

From near Earth asteroids and comets to space weather, from meteors and meteorites to space debris, Sorvegliati Spaziali aims to provide scientific and cultural knowledge to convey how our Planet is exposed to various natural and man-made threats in Space, as well as our current plans for response to them, meanwhile rowing against the many fake news about Planetary Defense that has biased the collective imagination.

In the field of space weather, the project publishes up-to-date news on solar activity and research in this domain.

In addition, it provides a solar bulletin service with multiple cadences, through daily and monthly solar bulletins, offering detailed and timely analyses of solar conditions.

Sorvegliati Spaziali also developed an augmented reality app and brochure of the project which, among other experiences, allows the user to simulate a dynamic and colorful aurora whose sound can also be heard thanks to the sonification of emitted radio waves into sound waves, offering at the same time in-depth content.

Finally, Sorvegliati e Spaziali has collaborated with the RAI - Radiotelevisione italiana, on the scicomm program for young audiences “Meteo Spazio”. In this collaboration, the project has contributed various contents, including a weekly solar bulletin specifically tailored for kids (age 8-12).

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