

Spectrum Management Office Public Relations Center

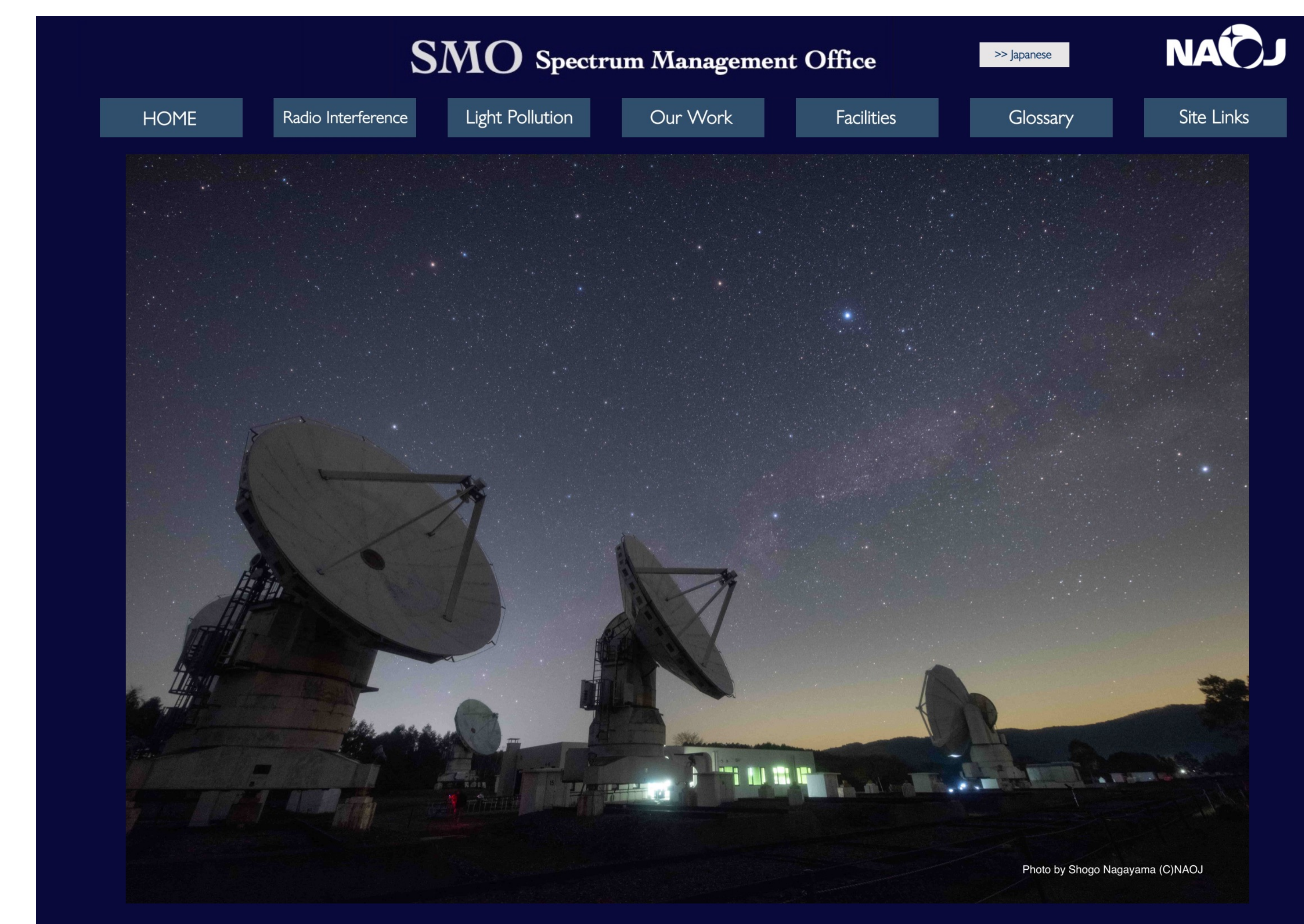


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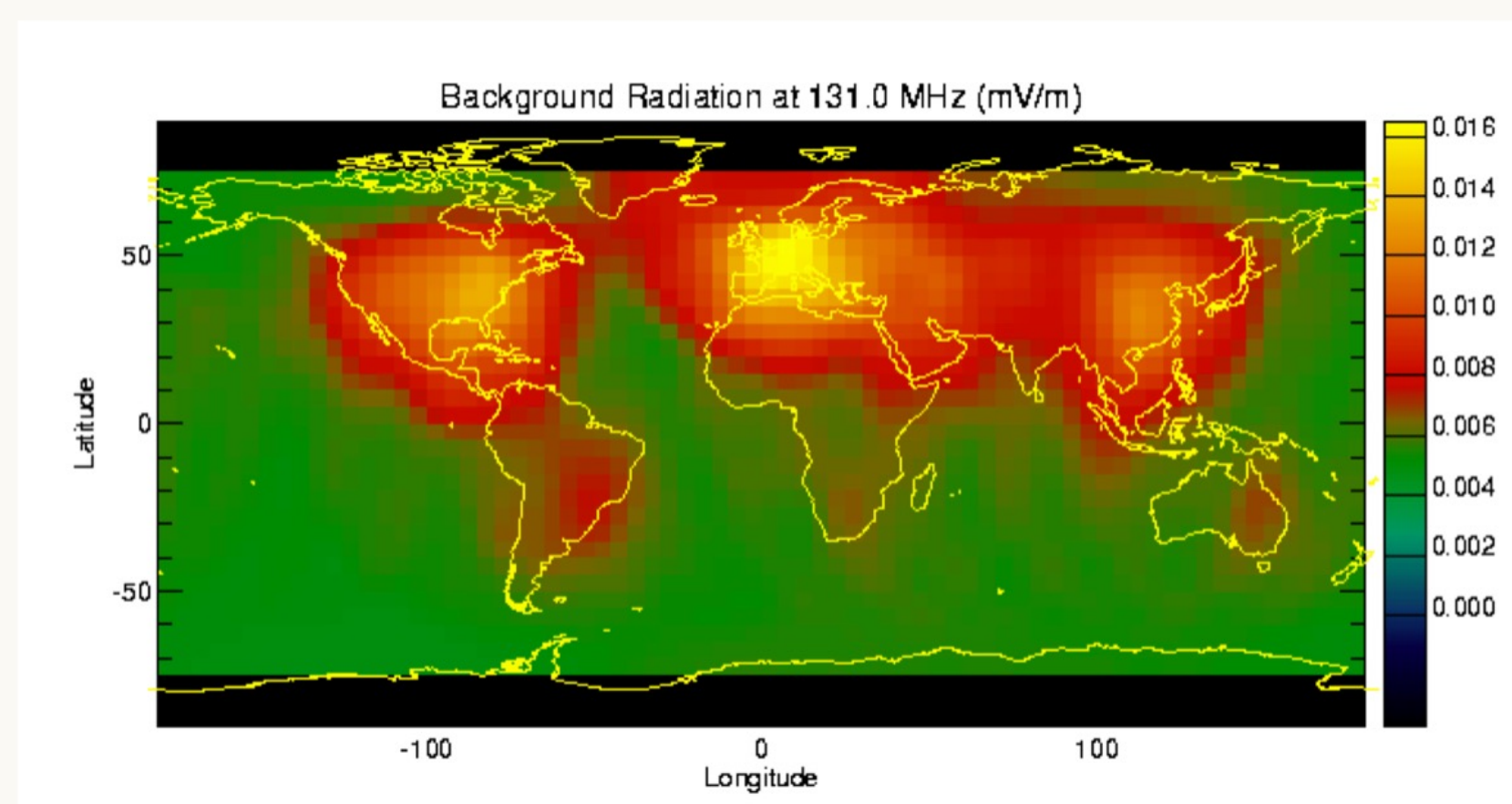


National Astronomical Observatory of Japan

Dr. Hitoshi Yamaoka, Associate Professor
Chief of Public Relations office



On this website you can find updates from the Spectrum Management Office as well as an introduction to radio astronomy and the need for spectrum management and light pollution prevention activities.



Global RFI distribution taken by the Forte Satellite in 131 MHz (Courtesy by A. Tzioumis @ CSIRO, Australia)

Announcements

2022/03 : Introductory Brochure Prepared by Spectrum Management Office (Japanese Language) **New**
This A4 4-page brochure explains what frequency resources are and why frequency resource protection is important for protecting radio astronomy, based on the current severe conditions. You can download the brochure from the following link.



We work to protect our starry sky and the environment for radio astronomy observation

Based in the Public Relations Center in the National Astronomical Observatory of Japan (NAOJ), the Spectrum Management Office works to protect the environment for astronomy observations through promoting awareness and policies for the effective and responsible management of the electromagnetic spectrum, most notably radio waves and optical light. To this end we work to ensure a peaceful and mutually respectful coexistence between radio astronomers and other radio users and to reduce light pollution as much as possible for the protection of our optically “dark” and radio “quiet” sky.

Radio waves are used in various places in our daily lives. The Spectrum Management Office makes proposals from the perspective of astronomy researchers at public meetings for appropriate spectrum management to avoid radio frequency interference.

We also provide advice and support to Japanese observatories in applying to the Ministry of Internal Affairs and Communications for designation as a radio astronomy facility under Radio Law Article 56-1, which ensures that the operation of recognized radio astronomy facilities will not be obstructed by other services.

The beautiful starry sky belongs to all the people of the world. We know that artificial lighting is required for traffic safety and other modern conveniences, but it is possible to reduce the amount of light that leaks up into the sky. Many satellites in the sky look like stars, but we make efforts to mitigate the impact of those false stars through discussions with the satellite operators.

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2021/11 : Interview about Spectrum Management Office Posted on You Tube
An English interview about the Spectrum Management Office conducted by the International Astronomical Union (IAU) Office for Astronomy Outreach (OAO) has been posted on YouTube.



2021/05 : Interview about the activities to protect the starry sky Posted on You Tube
An English interview with astronomers about the Dark and Quiet Skies project conducted by the International Astronomical Union (IAU) Office for Astronomy Outreach (OAO) has been posted on YouTube.

