

International Space Weather Initiative (ISWI)

**ISWI Steering Committee Meeting
19 February 2021**

**Sharafat Gadimova
Office for Outer Space Affairs**



UNITED NATIONS
Office for Outer Space Affairs



ICG Programme on GNSS applications

- ❖ **United Nations Regional Workshops/training courses on the use and applications of GNSS and space weather**
 - *to reinforce the exchange of information between countries and scale up the capacities in the regions for pursuing the application of GNSS solutions, including space weather and its effects on GNSS;*

- ❖ **Sustainability and modernization of GNSS continuously operating reference stations and geospatial infrastructure through capacity development**
 - *to provide information on the importance of planning and its link to the “why, what and how” of developing long-term capability with respect to GNSS and geospatial infrastructure and related activities*

- ❖ **Space Weather and GNSS**
 - *to describe the science of Space Weather and how to perform ionospheric and Space Weather research with GNSS data*



ICG Programme on GNSS applications

- ❖ **United Nations Regional Workshops/training courses on the use and applications of GNSS**
 - **Workshop on the Applications of GNSS, Ulaanbaatar, Mongolia, 25 – 29 October 2021**
 - *To address a wide array of GNSS applications for socioeconomic benefits and to focus on initiating pilot projects and strengthening the networking of GNSS-related institutions in the region*
 - *Session: Space Weather and GNSS*

<https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2020/2020-un-mongolia-workshop-on-the-applications-of-gnss.html>



ICG Programme on GNSS applications

- ❖ **United Nations Regional Workshops/training courses on the use and applications of GNSS**
 - **Workshop on International Space Weather Initiative, Kerala, India, November 2021**
 - *To focus of the workshop will be on recent advances made in scientific research by utilizing ISWI instrument data in conjunction with space data. It is to result in space weather knowledge that will benefit society*
 - *Session: Space Weather and its effects on GNSS*
 - *Expression of Interest (2022-2023): Uganda, Azerbaijan*

<https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2020/2020-iswi-workshop.html>



ICG Programme on GNSS applications

❖ Space Weather and GNSS (WG-C)

In cooperation with the Institute for Scientific Research at Boston College, the United States, and the Abdus Salam International Centre for Theoretical Physics, Italy: A series of outreach workshops on space weather effects on GNSS operations

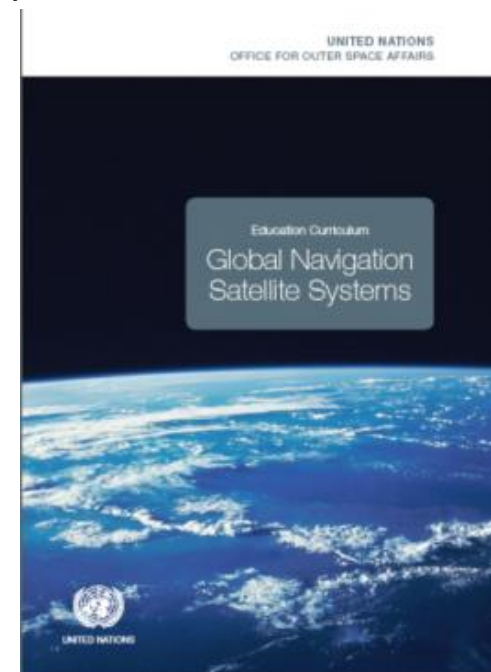
- Workshop on GNSS and Space Weather, CRASTE-LF, Rabat, Morocco, 4 – 15 October 2021: <https://crastelf.org.ma/>
 - an introduction to ionospheric physics and the science of space weather, including a basic knowledge of GNSS technology and its applications
 - to focus on space weather research using GNSS data
- URSI GASS 2021: Space Weather Impacts on GNSS, Rome, Italy, 28 August – 4 September 2021



ICG Programme on GNSS applications

❖ Information Centres for ICG

The regional centres for space science and technology education, affiliated to the United Nations, in Africa (Morocco and Nigeria), Asia and the Pacific (China and India), Latin America and the Caribbean (Brazil and Mexico) and Western Asia (Jordan)





International Committee on GNSS (ICG)

15th Meeting of ICG

Vienna, Austria

27 September – 1 October 2021



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