



UNITED NATIONS
Office for Outer Space Affairs



43RD ANNUAL SESSION OF UN-SPACE

INTER-AGENCY MEETING ON OUTER SPACE ACTIVITIES

28 & 31 October 2024
UNHQ, New York



DEPARTMENT OF
OPERATIONAL
SUPPORT

For more information,
[visit the website](#)

MONDAY, 28 OCTOBER
TRAINING COMPONENT

- 10:00 • **Welcome**
- 10:30 • **Remote sensing observations for atmosphere, water and land**
- 11:30 • **Monitoring disasters: Population, fires, floods, heat**
- 13:30 • **Fires**
- 14:45 • **Floods and heat**
- 16:00 • **Earth observations for sustainable cities and human settlements**

THURSDAY, 31 OCTOBER
ANNUAL SESSION

- 09:30 • **Welcome**
Opening remarks
- 10:00 • **Space Sustainability:**
Updates
- **Satellite imagery:**
A fundamental tool for the UN
- **Radio frequency spectrum issues:**
A threat to Earth observation data
- 14:30 • **CDOTS Showcase:**
Relevant learning offerings
- 16:20 • **UN-Space** reports,
publications and communications



UN-Space in-person training: Overview of Earth Observations for Societal Benefit

UN Office for Outer Space Affairs
(UNOOSA)

NASA Applied Remote Sensing
Training (ARSET)

with the support of the
Capacity Development and
Operational Training Service
(CDOTS)

📍 Lighthouse, 3B, UNHQ

MONDAY, 28 OCTOBER

TRAINING COMPONENT

- 10:00 ● **Welcome**
 - Opening remarks: *Aarti Holla-Maini, UNOOSA Director*
Katie Baynes, NASA's Earth Data Officer
 - Learning Objectives and Training Outline
- 10:30 ● **Remote sensing observations for atmosphere, water and land applications**
 - What is remote sensing | Advantages and limitations of remote sensing
 - How NASA observes the planet | Data and tools used in training
- 11:30 ● **Monitoring disasters: Population, fires, floods, heat - Applicable NASA datasets**
 - Data search: *Earthdata portal* | *Earthdata pathfinders* | *SEDAC*
- 12:15 ● **Lunch break**
- 13:30 ● **Fires - Applicable tools**
 - Demonstration: *Worldview* (visualization tool, data available in near-real time)
FIRMS (near-real time and historic access to fire data)
Climate Engine (analysis tool, anomalies, climatology)
 - Hands on exercise | Q&A
- 14:45 ● **Floods and heat - Applicable tools**
 - Demonstration: *Google Earth Engine* | *Climate Engine* (analysis tool, anomalies, climatology)
Black Marble | *Giovanni* (analysis tool, anomalies, climatology)
Disaster Alert (maps available in near-real time)
 - Hands-on exercise | Q&A
- 16:00 ● **Earth observations toolkit for sustainable cities and human settlements**
 - Land use and land cover
 - Population
 - Humanitarian applications
 - Hands-on exercise | Q&A
- 17:00 ● **Q&A and Wrap-up**



43rd Session of UN-Space Inter-Agency Meeting On Outer Space Activities

UN Office for Outer Space Affairs
(UNOOSA)

with the support of the
Capacity Development and
Operational Training Service
(CDOTS)

📍 S-1523, 15th floor, UNHQ

THURSDAY, 31 OCTOBER ANNUAL SESSION

- 09:30 ● **Welcome**
- Opening remarks: *Aarti Holla-Maini, UNOOSA Director and Chair of the Meeting*
Adrian Hills, CDOTS Director
- 10:00 ● **Space sustainability: update on Pact for the Future and activities within different organizations**
- **Satellite imagery: a fundamental tool for UN programmes and activities**
- **Radio-frequency spectrum issues - a threat to Earth observation**
- 13:00 ● **Lunch break**
- 14:30 ● **Capacity Development and Operational Training Service (CDOTS) showcase**
- Knowledge Gateway | UNTold *Michelle Alves de Lima | Michał Szymanski*
 - Unite Aware *Rodrigo Bergamasco Bottura*
 - Data analytics *Harris Nasution | Rosanne Clarke*
- 16:20 ● **UN-Space reports, publications and communications channels**
- 17:00 ● **Closing**

For more information, also see the
[annotated provisional agenda](#)