



World Space Week

Why in News

Recently, during the celebrations of **World Space Week**, the [India Meteorological Department](#) (IMD) has announced that it would soon launch a dynamic, impact-based **cyclone** warning system.

- The warning system **aims at minimising economic losses and damage to property due to the cyclones** that hit Indian coasts every year.

Key Points

- World Space Week is an **international celebration of science and technology** and their contribution to the betterment of the human condition.
 - It is **coordinated by the [United Nations](#)** with the support of the **World Space Week Association** (WSWA), a non-profit organisation.
- The **United Nations General Assembly** (UNGA) declared in **1999** that World Space Week would be held each year from **4th-10th October**. These **dates commemorate two events**:
 - **4th October 1957**: Launch of the first human-made Earth satellite, **Sputnik 1**, thus opening the way for space exploration.
 - **10th October 1967**: The signing of the **[Outer Space Treaty](#)** (Treaty on Principles Governing the Activities of States in the Exploration and Peaceful Uses of Outer Space including the Moon and other celestial bodies).
- **Objectives**:
 - Provide unique leverage in space outreach and education.
 - Educate people around the world about the benefits that they receive from space.
 - Encourage greater use of space for sustainable economic development.
 - Demonstrate public support for space programs.
 - Excite young people about science, technology, engineering, and math.
 - Foster international cooperation in the space sector.
- **2020 Theme**: “Satellites Improve Life.”
 - It shows the **[importance of satellites in daily life](#)** and how human lives are affected by satellites such as in **communications, environmental monitoring, transportation, weather forecasting, telemedicine, science**, and in many other ways.
 - **Indian examples**: [EMISAT](#), [RISAT-2B](#), [Cartosat-3](#), [Microsat-R](#) and [Kalamsat-V2](#), etc.

[Source: PIB](#)

