



## A growing ecosystem

COSPAR's **Committee on Industry Relations (CIR)** partners with leading aerospace companies to incorporate industry expertise into COSPAR's initiatives. With major aerospace companies as members—some companies engaging as Industry Partners or Supporters—CIR strengthens collaboration that benefits both science and industry, making COSPAR the active heart of a growing multi-stakeholder space ecosystem.



## Centres of Excellence

COSPAR has initiated a new structure of COSPAR **Centers of Excellence (CCoE)** to highlight research locations of outstanding scientific standards, recognized internationally for the exceptional scientific and technical quality of their research and engineering teams. The first two are: the pioneering Kohnert CCoE for Small Satellite Research at the Laboratory for Atmospheric and Space Physics in Boulder, Colorado, USA; and the Cyprus Space Research and Innovation Centre in Nicosia, Cyprus.



## Flagship Publications

COSPAR produces a range of influential publications, including two flagship peer-reviewed journals — *Advances in Space Research* and *Life Sciences in Space Research* — an information bulletin, *Space Research Today*, the e-letter, *COSPAR News*, and an engaging book series. The COSPAR community is actively invited to contribute, making these publications a collaborative platform for advancing space research.



## Awards

COSPAR acknowledges outstanding contributions to space science through various **Awards**, from the COSPAR Space Science Award, honouring a scientist who has made outstanding contributions to space science, to the Outstanding Paper Award for Young Scientists.



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# COSPAR

COMMITTEE ON  
SPACE RESEARCH

## Join us

Be part of our mission to advance, promote, and disseminate space research!

For more information, visit:

[cospar.world](https://cospar.world)

or connect on social media:



and explore our **YouTube** channel

The Committee on Space Research (COSPAR) is the world's leading organization for advancing space science. Dedicated to fostering international collaboration, COSPAR creates a dynamic platform for all space scientists worldwide to exchange knowledge, share goals, address challenges in space science, and collaborate without barriers.



## Who we are

Established in 1958, COSPAR is a global space network of national scientific institutions, recognized by the International Science Council (ISC), and international scientific unions affiliated with the ISC, cooperating to advance space science. We welcome both public and private industry, as well as academic institutions, to join COSPAR through the COSPAR Associated Supporter Program. Any scientist involved in space research can become a COSPAR Associate by attending a COSPAR biennial Scientific Assembly, engaging in COSPAR activities or contributing to COSPAR's organizational efforts. JOIN US!



## What we do

COSPAR unites a global network of more than 13,000 space scientists, fostering innovation and collaboration across all space science disciplines to benefit humanity. Through specialized capacity-building workshops, COSPAR supports the growth of space science expertise worldwide, including emerging space-faring nations.

COSPAR is a trusted advisor to the United Nations and other national or international bodies on critical issues in space research, with a particular focus on Planetary Protection, Space Weather, Global Navigation Satellite Systems, and Space Debris. COSPAR collaborates closely with the United Nations Office for Outer Space Affairs (UNOOSA) and the UN Committee on the Peaceful Uses of Outer Space (COPUOS) to address these challenges and promote the safe, sustainable and peaceful use of space.

COSPAR also leads efforts to establish scientific and technical standards in space research. Task Groups and Sub-Commissions within COSPAR work diligently to create and uphold these standards, which are essential for advancing research and technology in space exploration.

COSPAR Scientific Assemblies and Symposia are unique, unbiased platforms for discussion, fostering international cooperation and the open exchange of knowledge in space science.

## Scientific Commissions, Panels and Task Groups

COSPAR works through 8 Scientific Commissions, each focusing on various fields of space science:



**Commission A:**  
Space Studies of the Earth's Surface, Meteorology, and Climate



**Commission B:**  
Space Studies of the Earth-Moon System, Planets, and Small Bodies of the Solar System



**Commission C:**  
Space Studies of the Upper Atmospheres of the Earth and Planets Including Reference Atmosphere



**Commission D:**  
Space Plasmas in the Solar System, Including Planetary Magnetospheres



**Commission E:**  
Research in Astrophysics from Space



**Commission F:**  
Life Sciences as Related to Space



**Commission G:**  
Materials Sciences in Space



**Commission H:**  
Fundamental Physics in Space

COSPAR Task Groups are:

- **URSI/COSPAR Task Group on the International Reference Ionosphere (IRI)**
- **COSPAR/URSI Task Group on Reference Atmospheres, including ISO WG4 (CIRA)**
- **Task Group on Reference Atmospheres of Planets and Satellites (RAPs)**
- **Task Group on the GEO (TG GEO)**
- **Task Group on Establishing an International Geospace Systems Program (TGIGSP)**

COSPAR Panels focus on more specialized areas:



**Technical Panel on Satellite Dynamics (PSD)**



**Panel on Technical Problems Related to Scientific Ballooning (PSB)**



**Panel on Potentially Environmentally Detrimental Activities in Space (PEDAS)**



**Panel on Radiation Belt Environment Modelling (PRBEM)**



**Panel on Space Weather (PSW)**



**Panel on Planetary Protection (PPP)**



**Panel on Capacity Building (PCB)**



**Panel on Education (PE)**



**Panel on Exploration (PEX)**



**Panel on Interstellar Research (PIR)**



**Panel on Innovative Solutions (PoIS)**



**Panel on Social Sciences and Humanities (PSSH)**



**Panel on IDEA (Inclusion, Diversity, Equity, and Accessibility) Initiative (PIDEA)**



**Panel on Establishing a Constellation of Small Satellites (PCSS)**



**Panel on Machine Learning and Data Science (PMLDS)**