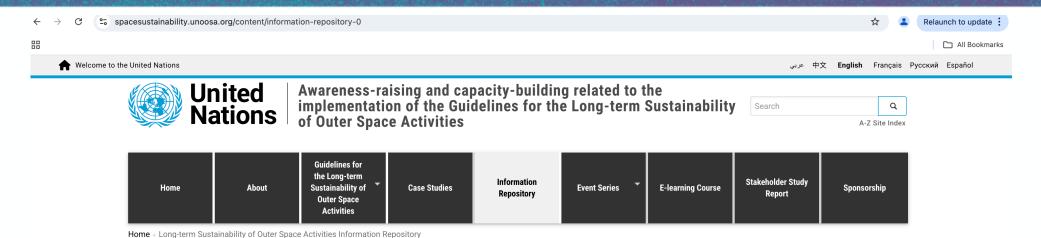


Spacesustainability.unoosa.org





Long-term Sustainability of Outer Space Activities Information Repository



The United Nations Office for Outer Space Affairs has launched the Long-term Sustainability of Outer Space Activities Information Repository.

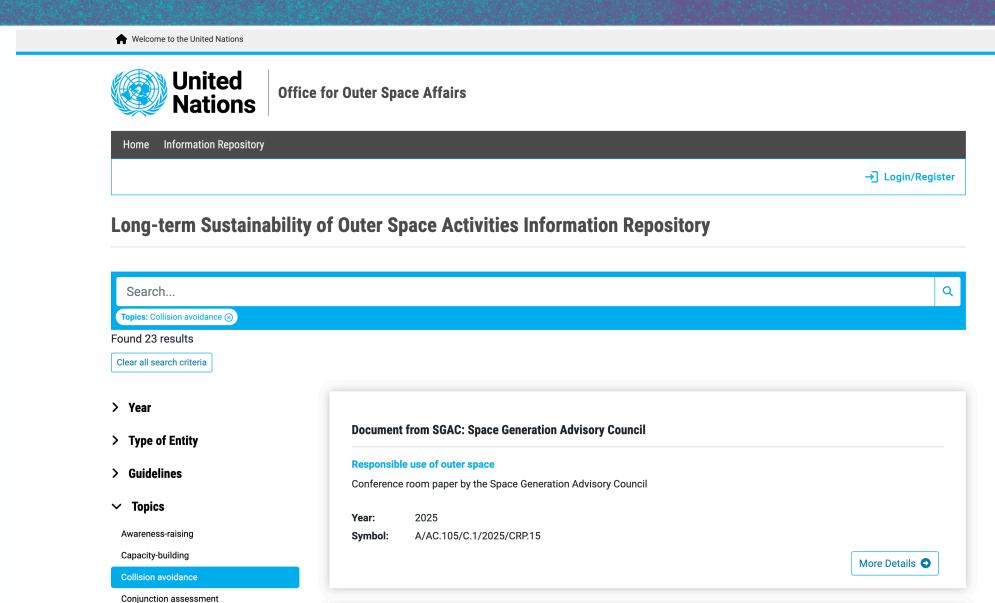
The open-source information repository was developed by the United Nations in response to a direct request from States (see A/AC.105/1279, annex II). It aims to enhance transparency, build confidence, and strengthen capacity in the area of the long-term sustainability of outer space activities.

Click on the image to open the repository.

LTS Information Repository - Filters

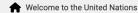
End-of-life dienocal





LTS Information Repository - Free text search







Office for Outer Space Affairs

Home Information Repository

→ Login/Register

Long-term Sustainability of Outer Space Activities Information Repository

active debris removal × Q

Found 24 results

- > Year
- > Type of Entity
- > Guidelines
- > Topics

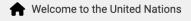


LTS Information Repository - New submissions



How to make a submission?

- * First, register for an account.
- * Each State, observer organization or entity may register only one submission account (one e-mail address) on the platform.
- * 2-part verification system and UNOOSA staff.
- * Notifications alerts each time a new entry is published.





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Long-term Sustainability of Outer Space Activities Information Repository

LTS Information Repository - New submissions



Tips for submissions, once you have an account:

- * Submit in Word format
- * Tag with relevant information (for example, specific LTS Guidelines)
- * For long submissions, include also a short version/executive summary (up to three-pages) for translation into all UN languages



Welcome to the United Nations

Office for Outer Space Affairs

Home Information Repository

NEW SUBMISSION

Tanya

Submission

LTS Information Repository - New submissions



Why submit?

- * Space sustainability increasingly important topic.
- * Repository a request by States.
- * Publicly available/open-source.
- * Building transparency, confidence and capacity.
- * Flexible timing submit when there is new content.

```
observations
             infrastructures
        avoidance trackability servicing
                      Safety
         collision
         ground Sustainability
                                   orbit
                                   missions
                             traffic
              multiplication
     re-entry CubeSats
                        control
uncontrolled assessment coordination
  low-Earth risk
                                     deep
                removal awareness
     stations
                          licensing debris
        operations data
                                     access
                 jurisdiction nanosats
     mitigation
                accuracy
                         constellations
       astronomical
                    on-orbit
                competitive
```

LTS Information Repository



A.1 Adopt, revise and amend, as necessary, national regulatory frameworks for outer space activities
A.2 Consider a number of elements when developing, revising or amending, as necessary, national regulatory frameworks for outer space activities

POLICY AND REGULATORY FRAMEWORK FOR SPACE ACTIVITIES

Guidelines for the Long-term Sustainability of Outer Space Activities: Section A

A.3 Supervise national space activities
A.4 Ensure the equitable, rational and efficient use of
the radio frequency spectrum and the various orbital regions
used by satellites

A.5 Enhance the practice of registering space objects



#LTSGUIDELINES #SPACESUSTAINABILITY on space objects and orbital events

B.2 Improve accuracy of orbital data on space objects and enhance the practice and utility of sharing orbital information on space objects

B.3 Promote the collection, sharing and dissemination of space debris monitoring information

B.4 Perform conjunction assessments during all orbital phases of controlled flight

B. 5 Develop practical approaches for pre-launch conjunction assessments

SAFETY OF SPACE OPERATIONS

Guidelines for the Long-term
Sustainability of Outer Space Activities: Section B

B.7 Develop space weather models and tools, and collect established practices on the mitigation of space weather effects

B.8 Design and operation of space objects regardless of their physical and operational characteristics

B.9 Take measures to address risks associated with the uncontrolled re-entry of space objects

B.10 Observe measures of precaution when using sources of laser beams passing through outer space



#LTSGUIDELINES
#SPACESUSTAINABILITY

C.1 Promote and facilitate international cooperation in support of the long-term sustainability of outer space activities

C.2 Share experience related to the long-term sustainability of outer space activities and develop new procedures, as appropriate, for information exchange.

INTERNATIONAL COOPERATION, CAPACITY-BUILDING AND AWARENESS

Guidelines for the Long-term
Sustainability of Outer Space Activities: Section C

C.3 Promote and support capacity-building

C.4 Raise awareness of space activities

UNITED NATIONS
Office for Outer Space Affairs

#LTSGUIDELINES #SPACESUSTAINABILITY D.1 Promote and support research into and the development of ways to support sustainable exploration and use of outer space

SCIENTIFIC AND TECHNICAL RESEARCH AND DEVELOPMENT

Guidelines for the Long-term
Sustainability of Outer Space Activities: Section D

D.2 Investigate and consider new measures to manage the space debris population in the long term



#LTSGUIDELINES #SPACESUSTAINABILITY Thank you.