



UNITED NATIONS
Office for Outer Space Affairs

Latest Updates on the Work of BSTI and COPUOS

Werner Balogh

**United Nations Office for Outer Space Affairs
United Nations Office Vienna**

**UNIGLO 3, 3 July 2015
Tokyo, Japan**

United Nations Programme on Space Applications



- Established in response to recommendations of the first UNISPACE conference in 1968
- Became operational in 1971
- Implemented by UNOOSA
- United Nations Expert on Space Applications
- UNISPACE'82 in 1982, and UNISPACE III in 1999, further expanded the mandate of the Programme

<http://www.unoosa.org/oosa/en/SAP/history.html>

Programme Implementation

Basic Space Science Initiative
(BSSI)

**Basic Space Technology
Initiative (BSTI)**

Human Space Technology
Initiative (HSTI)

Conferences and Workshops
on specific space applications

Regional Centres for Space
Science and Technology
Education, affiliated to the
United Nations

Fellowship Programmes

BSTI Work Programme

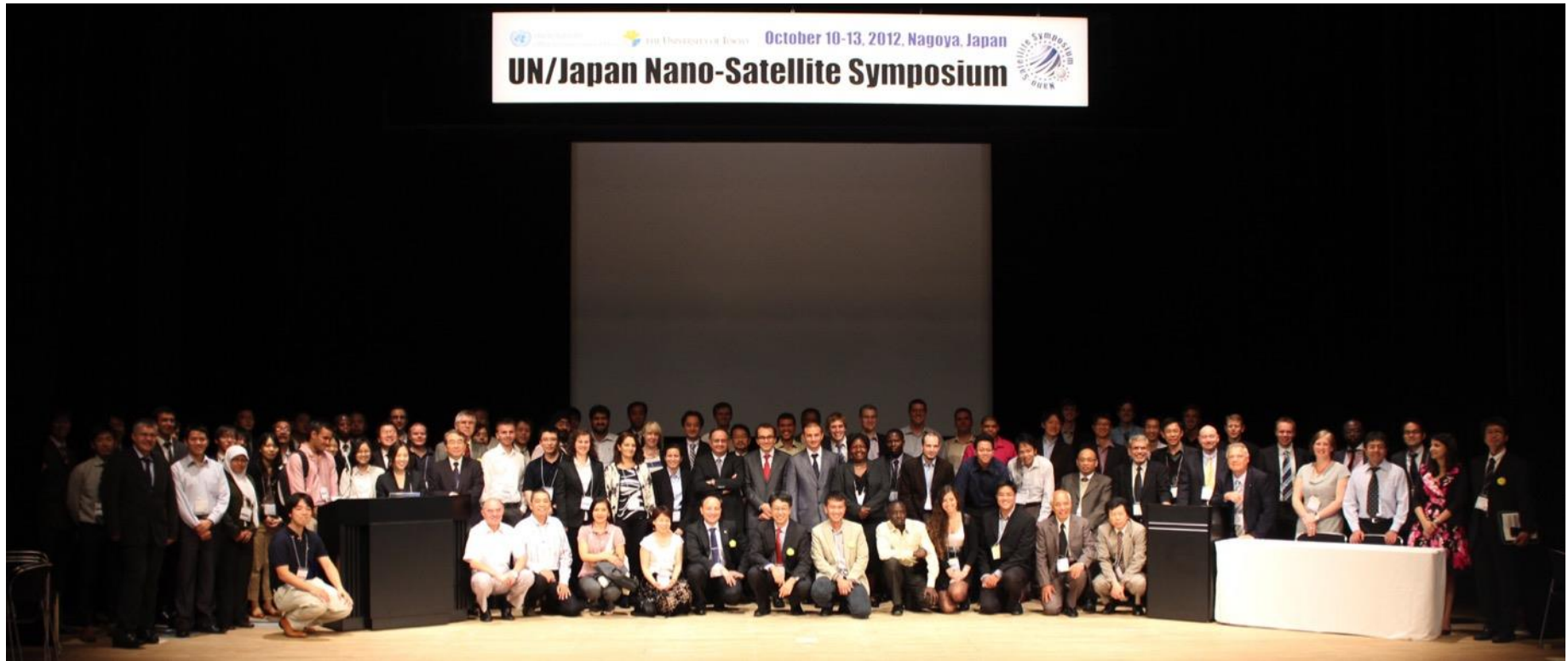
I. Basic Activities

**II. International Space
Technology
Symposiums**

**III. Space Technology
Education Curriculum**

**IV. Establishment of
Long-term Fellowship
Programmes**

UN/Japan Nano-Satellite Symposium 2012



- Held in Nagoya, Japan, 10-13 October 2012
- Report on the United Nations/Japan Nanosatellite Symposium: "Paradigm Shift — Changing Architecture, Technologies and Players" (A/AC.105/1032)
- See <http://www.unoosa.org/oosa/en/SAP/bsti/japan2012.html>

UN/UAE Symposium 2013



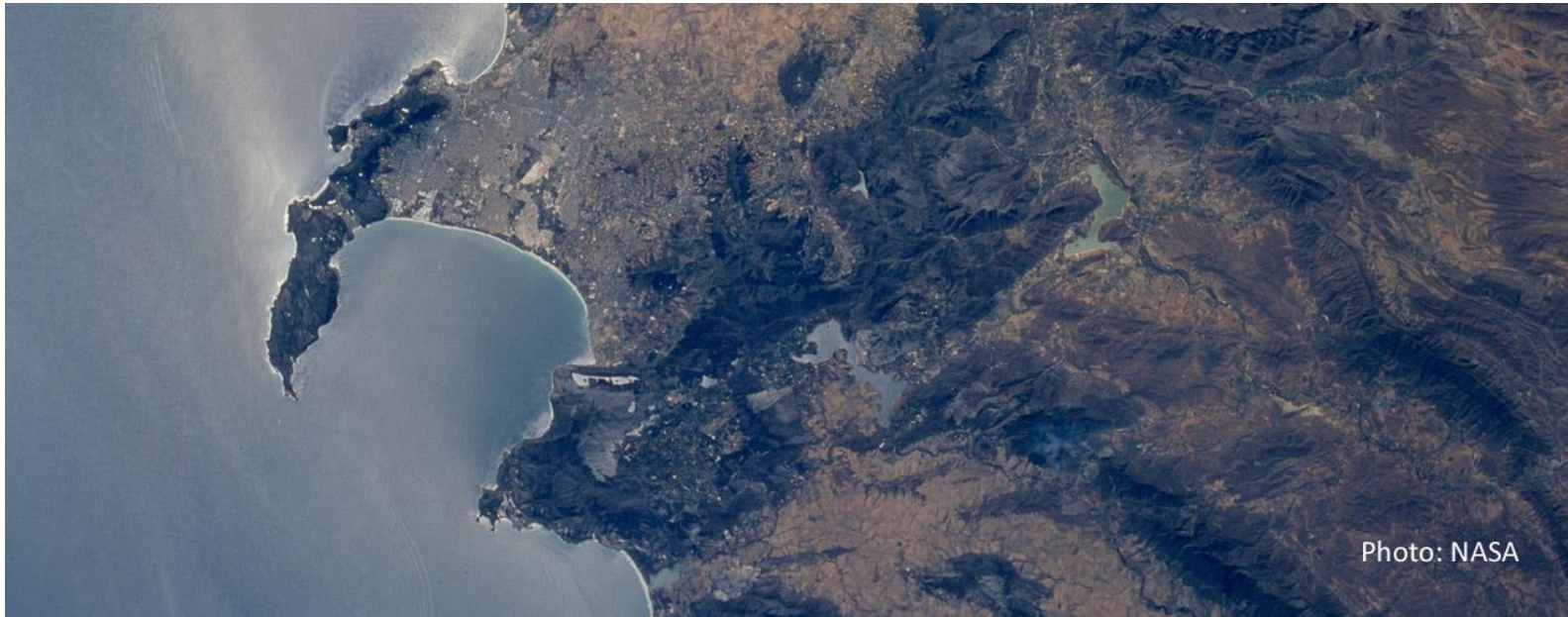
- Held in Dubai, United Arab Emirates, 20-23 October 2013
- Report on the United Nations/United Arab Emirates Symposium on Basic Space Technology: Small-Satellite Missions for Developing Space Nations (A/AC.105/1052)
- See <http://www.unoosa.org/oosa/en/SAP/bsti/uae2013.html>

UN/Mexico Symposium 2014



- Held in Ensenada, Baja California, Mexico, 20-23 October 2014
- Report on the United Nations/Mexico Symposium on Basic Space Technology: Making Space Technology Accessible and Affordable (A/AC.105/1087, available from January 2014)
- See <http://www.unoosa.org/oosa/en/SAP/bsti/mexico2014.html>

UN/South Africa Symposium 2015



- To be held at University of Cape Town in South Africa
- Theme: "Small Satellite Missions for Scientific and Technological Advancement"
- Date TBD
- Please keep watching the Symposium Website:
http://www.unoosa.org/oosa/en/ourwork/psa/schedule/2015_symposium_south_africa_bst.html

UN/South Africa Symposium 2015

- Session Topics
 - Space Technology Development and Capacity Building in Basic Space Technology Development with a focus on Africa
 - Small Satellite Missions in Support of Key Scientific Projects and Questions
 - Applications of Small Satellite Missions
 - Small Satellite Missions Ground Segment
 - Small Satellite Projects for Engineering Education
 - Legal and Regulatory Issues
 - Long-term Sustainability of Outer Space Activities

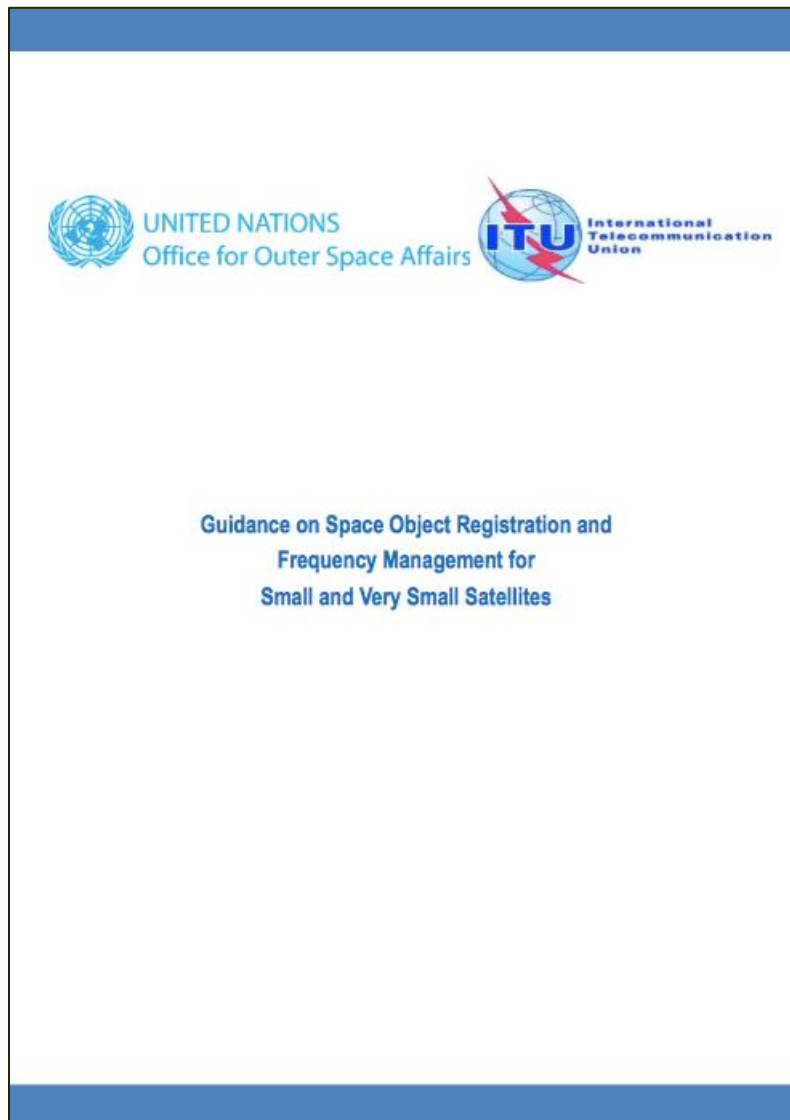
- 2016 Symposium: Turkey
- 2017 Symposium: Brazil

Committee on the Peaceful Uses of Outer Space

- Establishment of two Subcommittees in 1961:
 - Scientific and Technical Subcommittee (STSC)
 - Legal Subcommittee (LSC)
- 77 Member States and >30 organizations with permanent observer status (one of the largest UN Committees)
- Reports to the Fourth Committee of the General Assembly and adopts an annual resolution on “International cooperation in the peaceful uses of outer space”



54th LSC, 13-24 April 2015, A/AC.105/1090



- 101. In accordance with the request made by the Subcommittee at its fifty-third session, in 2014, an information handout on issues related to registration, authorization, debris mitigation and frequency management with respect to small and very small satellites had been jointly developed by the Office for Outer Space Affairs and ITU....
- The publication is available from the website of the Office for Outer Space Affairs (www.unoosa.org/oosa/en/COPUOS/lsc/small-sat-handout.html).

54th LSC, 13-24 April 2015, A/AC.105/1090

- 174. Some delegations expressed the view that the Subcommittee should consider the issue of space debris in connection with the growing number of deployments of small satellites.
- 219. The Subcommittee had before it the following:
 - (e) Proposal by Brazil for a single issue/item for discussion at the fifty-fifth session of the Legal Subcommittee: “Exchange of views on the application of international law to small satellite activities” (A/AC.105/C.2/2015/CRP.23);
 - (f) Proposal by the Group of Latin American and Caribbean States for a single issue/item for discussion at the fifty-fifth session of the Legal Subcommittee: “Exchange of views on the application of international law to small satellite activities” (A/AC.105/C.2/2015/CRP.23/Rev.1).

Documents available from
<http://www.unoosa.org/oosa/en/ourwork/copuos/lsc/2015/index.html>

54th LSC, 13-24 April 2015, A/AC.105/1090

- 222. The Subcommittee agreed that a new single issue/item for discussion entitled “General exchange of views on the application of international law to small satellite activities” should be included on the agenda of the Subcommittee at its fifty-fifth session, on the basis of conference room paper A/AC.105/C.2/2015/CRP.23/Rev.1, and that ITU should be invited to update the Subcommittee at its fifty-fifth session on relevant developments and issues regarding ITU procedures and regulations applicable to small satellites.

Documents available from

<http://www.unoosa.org/oosa/en/ourwork/copuos/lsc/2015/index.html>

Sustainable Development Goals



Direct



Indirect

See <http://sustainabledevelopment.un.org/sdgsproposal.html>

BSTI Point of Contact

Dr. Werner Balogh
Programme Officer – Basic Space Technology
Office for Outer Space Affairs
United Nations Office at Vienna
Vienna International Centre
P.O. Box 500, 1400 Vienna, Austria
Tel: +43-1-26060-4951
werner.balogh@unoosa.org