



UNITED NATIONS
Office for Outer Space Affairs

UNISPACE III

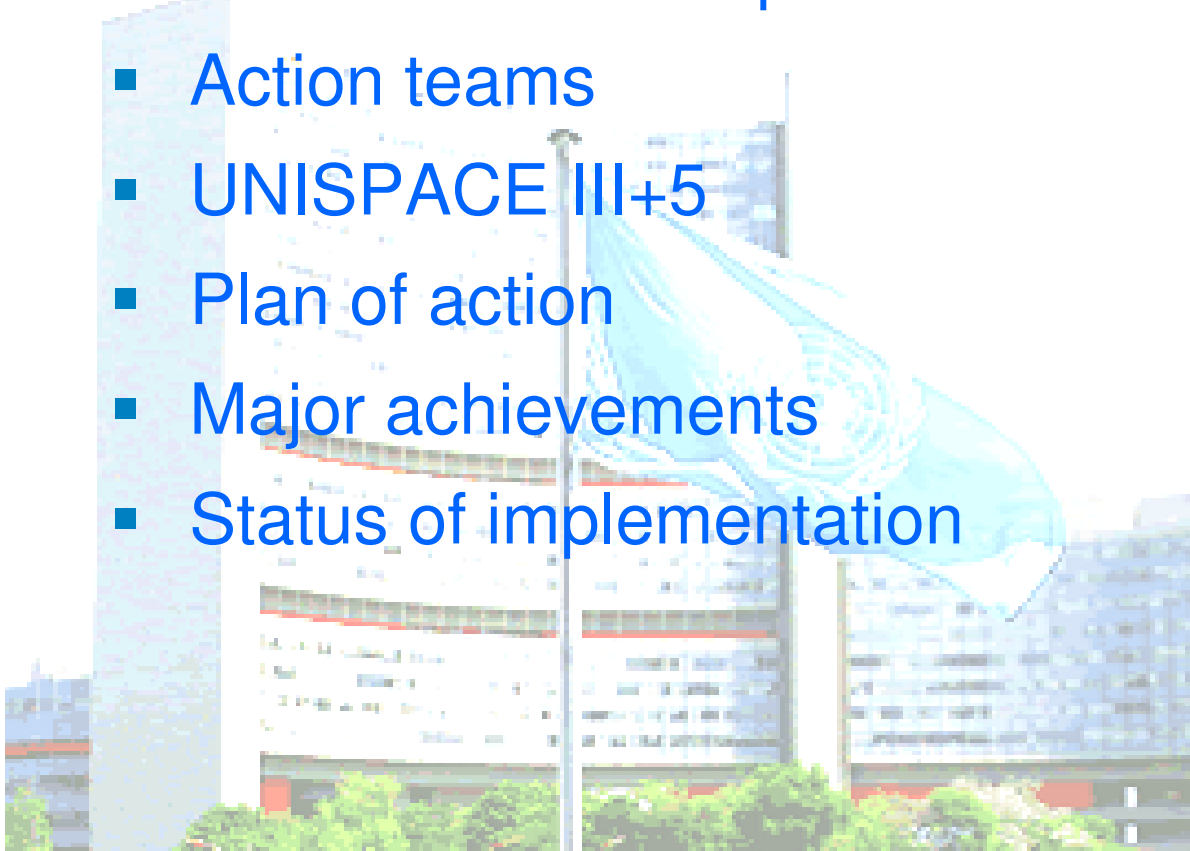
Ten years on

Panel discussion on
“10th Anniversary of UNISPACE III”

United Nations Office at Vienna
3 June 2009

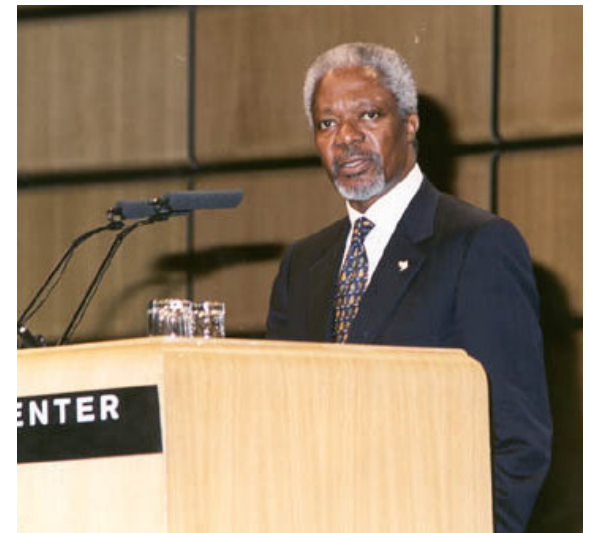
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Vienna Declaration

- Outcome of UNISPACE III is reflected in the resolution “The Space Millennium: Vienna Declaration on Space and Human Development” (*A/CONF.184/6*)
- Vienna Declaration contains 33 specific recommendations
- Adopted by the Conference and endorsed by the United Nations General Assembly (*Resolution 54/68 of 6 December 1999*)



UNISPACE III Recommendations

- 1 Develop a comprehensive, worldwide environmental monitoring strategy
 - 2 Improve the management of the Earth's natural resources
 - 3 Develop and implement the Integrated Global Observing Strategy (IGOS)
 - 4 Enhance weather and climate forecasting
 - 5 Minimize harmful effects of space activities on the local and global environment
 - 6 Improve public health services
 - 7 Implement an integrated, global system to manage natural disaster mitigation, relief and prevention efforts
 - 8 Promote literacy and enhance rural education through tele-education
 - 9 Improve knowledge-sharing through the promotion of universal access to space-based communication services
 - 10 Improve universal access to and compatibility of space-based navigation and positioning systems
 - 11 Promote sustainable development by applying results of space research
 - 12 Improve scientific knowledge of near and outer space through cooperative activities
 - 13 Improve the protection of the near-Earth space and outer space environments through mitigation of space debris
 - 14 Improve the international coordination of activities related to near-Earth objects
 - 15 Protect the near and outer space environments through further research on the use of nuclear power sources
 - 16 Minimize interference with bands in the electromagnetic spectrum
 - 17 Enhance capacity-building by developing human and budgetary resources
 - 19 Establish/strengthen national mechanisms for the coordination of space activities
 - 20 Improve the sharing of information on and use of spin-offs from space activities
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UNISPACE III Recommendations

- 21 Provide educational opportunities for youth to learn more about space science and technology and participate in space activities
 - 22 Create within the Committee on the Peaceful Uses of Outer Space a consultative mechanism to facilitate the participation of youth in cooperative space-related activities
 - 23 Create awards to recognize outstanding contributions in space activity
 - 24 Reaffirm the role of the Committee on the Peaceful Uses of Outer Space, its subcommittees and its secretariat in the exploration and peaceful uses of outer space
 - 25 Ensure sustainable funding mechanisms for regional centres affiliated with the United Nations and enhance support for the United Nations Programme on Space Applications
 - 26 Encourage the increased use of space-related systems and services by the organizations of the United Nations system and by the private sector
 - 27 Invite States to ratify or accede to, and invite intergovernmental organizations to declare acceptance of, the outer space treaties
 - 28 Further consider the agenda structure and working methods of the Committee on the Peaceful Uses of Outer Space and its subcommittees
 - 29 Strengthen the coordination of mutually beneficial activities between the Committee on the Peaceful Uses of Outer Space and other United Nations entities
 - 30 Call upon the international community to consider the recommendations of the regional preparatory conferences for UNISPACE III
 - 31 Establish a special voluntary United Nations fund for the implementation of UNISPACE III recommendations
 - 32 Identify new and innovative sources of financing to support the implementation of UNISPACE III recommendations
 - 33 Promote further the peaceful uses of outer space through cooperation between “space-faring” and “non-space-faring” countries, as well as among developing countries, and involving civil society, including industry
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UNISPACE III Recommendations

- The 33 UNISPACE III recommendations were grouped into six major categories:
 - a) Protecting the Earth's environment and managing its resources (5 recommendations)
 - b) Using space applications for human security, development and welfare (6 recommendations)
 - c) Advancing scientific knowledge of space and protecting the space environment (5 recommendations)
 - d) Enhancing education and training opportunities and ensuring public awareness of the importance of space activities (7 recommendations)
 - e) Strengthening and repositioning of space activities in the United Nations system (6 recommendations)
 - f) Promoting international cooperation (4 recommendations)

Mechanisms to Implement UNISPACE III

- Implementation by the Committee and its Subcommittees through consideration under their respective agendas
- Revised structure of the agenda of the Scientific and Technical and Legal Subcommittees
 - Multi-year work plans
 - Single issue items to be considered for one session
- Establishment of 12 action teams
- National and regional efforts and follow-up activities of intergovernmental and non-governmental organizations



Action Teams

<i>Rec.</i>	<i>Action Team on</i>	<i>Lead by</i>
1	Action Team on Environmental Monitoring Strategy	Islamic Republic of Iran
2	Action Team on Management of Natural Resources	India
4	Action Team on Climate Forecasting	Portugal
6	Action Team on Public Health	Canada
7	Action Team on Disaster Management	Canada, China and France
9	Action Team on Knowledge-Sharing	Malaysia and Greece
10	Action Team on Global Navigation Satellite Systems	India, Malaysia, ITU
11	Action Team on Sustainable Development	Nigeria
14	Action Team on Near-Earth Objects	United Kingdom, United States of America, COSPAR, IAU, Spaceguard Foundation
17	Action Team on Capacity Building	Japan
18	Action Team on Increasing Awareness	Austria, United States of America
32	Action Team on Innovative Sources of Financing	France

UNISPACE III+5

- Reviewed the mechanisms for and status of the implementation of the recommendations of UNISPACE III
- UNISPACE III+5 established synergies with:
 - the United Nations Millennium Declaration and the Millennium Development Goals
 - the Plan of Implementation of the World Summit on Sustainable Development, the Plan of Action of the World Summit on the Information Society and with the work conducted by the Commission on Sustainable Development (CSD)
 - other regional and global initiatives, such as the Group on Earth Observations (GEO) and the Global Monitoring for Environment and Security (GMES)
- Formulated a Plan of Action as a long-term strategy to implement the remaining UNISPACE III recommendations
- *(see A/59/174 and resolution 59/2 of 20 October 2004)*

Plan of Action

- The UNISPACE III+5 Plan of Action complemented the original 33 UNISPACE III recommendations with 41 specific actions
- The General Assembly added 14 supplementary actions and concluded that “the Committee should continue to consider, in its future sessions, the implementation of recommendations of UNISPACE III until the Committee considered that concrete results had been achieved”
- The focus of the implementation of UNISPACE III recommendations now shifted to the implementation of the actions contained in the Plan of Action and of the supplementary actions of the General Assembly
- The Working Group of the Whole of the Scientific and Technical Subcommittee continued to review the progress made in the further implementation of UNISPACE III

Selected Achievements

	<i>Recommendation</i>	<i>Outcome</i>
7	Implement an integrated, global system to manage natural disaster mitigation, relief and prevention efforts	<ul style="list-style-type: none"> • International Charter Space and Major Disasters • Establishment of the Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)
10	Improve universal access to and compatibility of space-based navigation and positioning systems	<ul style="list-style-type: none"> • Establishment of the International Committee on Global Navigation Satellite Systems (ICG)
13	Improve the protection of the near-Earth space and outer space environments through mitigation of space debris	<ul style="list-style-type: none"> • Space Debris Mitigation Guidelines of the Committee
15	Protect the near and outer space environments through further research on the use of nuclear power sources	<ul style="list-style-type: none"> • Safety Framework for Nuclear Power Source Applications in Outer Space
22	Create within the Committee on the Peaceful Uses of Outer Space a consultative mechanism to facilitate the participation of youth in cooperative space-related activities	<ul style="list-style-type: none"> • Establishment of the Space Generation Advisory Council in support of the United Nations Programme on Space Applications
26	Encourage the increased use of space-related systems and services by the organizations of the United Nations system and by the private sector	<ul style="list-style-type: none"> • Reform of the Inter-agency Meeting on Outer Space Activities and strengthening of the Inter-agency mechanism
27	Invite States to ratify or accede to, and invite intergovernmental organizations to declare acceptance of, the outer space treaties	<ul style="list-style-type: none"> • Increase in number of accessions
28	Further consider the agenda structure and working methods of the Committee on the Peaceful Uses of Outer Space and its subcommittees	<ul style="list-style-type: none"> • Revised structure of the agenda of the Scientific and Technical and Legal Subcommittees

Other Achievements

- Enhanced regional cooperation and coordination
- General Assembly resolutions on “launching State” and “registration practice”
- World Space Week
- United Nations Basic Space Science Initiative and activities in celebration of the International Heliophysical Year 2007
- OOSA programme on capacity building in space law
- Re-orientation of the United Nations Programme on Space Applications to address the recommendations of UNISPACE III

Status of Implementation

- At its 45th session in 2008 the Scientific and Technical Subcommittee agreed that the actions/recommendations could be considered implemented in accordance with the following criteria: *(see A/AC.105/911, annex I, para. 8)*
 - 1) The action/recommendation is being considered and implemented by all practical means by another intergovernmental body and reporting lines have been established with COPUOS to keep it informed about the ongoing implementation progress;
 - 2) The action/recommendation has been considered by a UNISPACE III Action Team which has concluded its work and/or the action/recommendation has been or is being considered by the Committee and/or its Subcommittees; and
 - 3) The action/recommendation has been fully implemented

Status of Implementation

- In line with these agreed criteria, the following assessment can be made of the status of implementation of UNISPACE III

	<i>Recommendation</i>	<i>Total No.</i>	<i>Implemented</i>	<i>Remaining</i>
I.	Original recommendations of UNISPACE III	33	30	3
II.	Actions from the UNISPACE III+5 Plan of Action	41	27	14
III.	Actions contained in United Nations General Assembly Resolution 59/2	14	8	6

- The latest review of the implementation status is contained in A/AC.105/C.1/2009/CRP.4 and Corr.1
- The majority of the remaining actions and recommendations to be implemented have space agencies and Member States identified as primary actors

Status of Implementation

- The 3 original UNISPACE III recommendations remaining to be implemented are:
 - Recommendation 5: “Minimize the harmful effects of space activities on the local and global environments”
 - Recommendation 19: “Establish/strengthen national mechanisms for the coordination of space activities”
 - Recommendation 30: “Call upon the international community to consider the recommendations of the regional preparatory conferences for UNISPACE III”
- A revised status report on the actions and recommendations remaining to be implemented will be prepared for the 47th session of the Scientific and Technical Subcommittee in 2010



**THIRD UNITED NATIONS CONFERENCE
ON THE EXPLORATION AND PEACEFUL USES OF OUTER SPACE**

Thank you for your attention!

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