UNISPACE III
Ten years on
Panel discussion on
“10th Anniversary of UNISPACE III”
United Nations Office at Vienna
3 June 2009
Contents

- Vienna Declaration
- UNISPACE III recommendations
- Mechanisms to implement UNISPACE III
- Action teams
- UNISPACE III+5
- Plan of action
- Major achievements
- Status of implementation
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
18. Establish/strengthen national mechanisms for the coordination of space activities
19. Improve the sharing of information on and use of spin-offs from space activities
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
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

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

<table>
<thead>
<tr>
<th>Recommendation</th>
<th>Outcome</th>
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<tbody>
<tr>
<td>7 Implement an integrated, global system to manage natural disaster mitigation, relief and prevention efforts</td>
<td>• International Charter Space and Major Disasters</td>
</tr>
<tr>
<td>10 Improve universal access to and compatibility of space-based navigation and positioning systems</td>
<td>• Establishment of the Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)</td>
</tr>
<tr>
<td>13 Improve the protection of the near-Earth space and outer space environments through mitigation of space debris</td>
<td>• Establishment of the International Committee on Global Navigation Satellite Systems (ICG)</td>
</tr>
<tr>
<td>15 Protect the near and outer space environments through further research on the use of nuclear power sources</td>
<td>• Space Debris Mitigation Guidelines of the Committee</td>
</tr>
<tr>
<td>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</td>
<td>• Safety Framework for Nuclear Power Source Applications in Outer Space</td>
</tr>
<tr>
<td>26 Encourage the increased use of space-related systems and services by the organizations of the United Nations system and by the private sector</td>
<td>• Establishment of the Space Generation Advisory Council in support of the United Nations Programme on Space Applications</td>
</tr>
<tr>
<td>27 Invite States to ratify or accede to, and invite intergovernmental organizations to declare acceptance of, the outer space treaties</td>
<td>• Reform of the Inter-agency Meeting on Outer Space Activities and strengthening of the Inter-agency mechanism</td>
</tr>
<tr>
<td>28 Further consider the agenda structure and working methods of the Committee on the Peaceful Uses of Outer Space and its subcommittees</td>
<td>• Increase in number of accessions</td>
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<td></td>
<td>• Revised structure of the agenda of the Scientific and Technical and Legal Subcommittees</td>
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</table>
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

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

- 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
Thank you for your attention!

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