



UNITED NATIONS
Office for Outer Space Affairs

United Nations Programme on Space Applications

Briefing on the activities

United Nations Inter-Agency Meeting on Outer Space Activities

Twenty-ninth session

4-6 March 2009

Vienna, Austria



History of the Programme

UNISPACE I

- The Programme was established in response to the recommendation of the UNISPACE I Conference (1968).
- It became operational in 1971.

UNISPACE-82

Expanded Mandate of the Programme

UNISPACE III

Strengthening the activities of the Programme including its outreach activities



Mandate of the programme

- promotion of greater exchange of actual experiences with specific applications
- promotion of greater cooperation in space science and technology between developed and developing countries as well as among developing countries
- development of a fellowship programme for in-depth training
- organization of workshops on advanced space applications and new system developments
- stimulation of the growth of indigenous nuclei and an autonomous technological base
- dissemination of information on new and advanced technologies and applications
- provision or arrangements for provision of technical advisory services on space applications projects, upon request by Member States or any of the specialized agencies



Programme objectives

- Establish and strengthen the capacity in developing countries to use space technology
- Raise the awareness of decision makers of the cost-effectiveness and benefits to be obtained by using space technology
- Strengthen outreach activities to disseminate awareness of the benefits of space technology



Priority thematic areas

- **Climate change**
- **Satellite communications for tele-education and telemedicine applications**
- **Management of natural resources, monitoring and protection of the environment**
- **Developing capabilities in the use of global navigation and positioning satellite systems**
- **Education and capacity-building, including research areas in basic space sciences**
- **Space law**



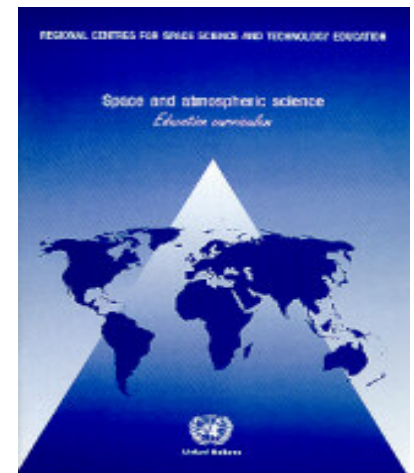
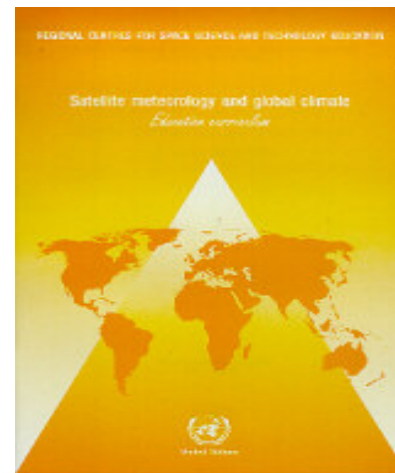
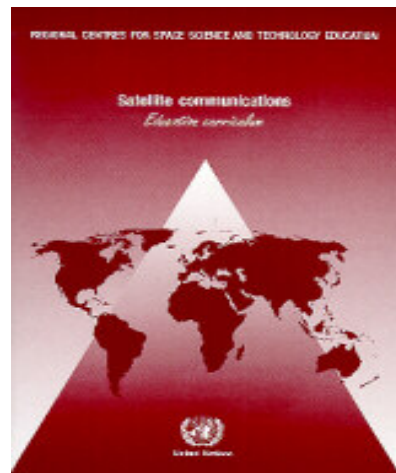
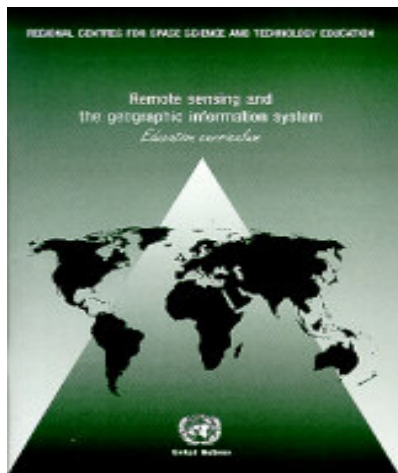
Education and training support for capacity building

- Through the regional centres for space science and technology education, affiliated to the United Nations
- Through workshops and seminars on advanced space applications and short and medium-term training programmes in priority thematic areas
- Through long-term fellowship programmes



Education and training support for capacity building (Cont'd)

Regional centres for space science and technology education, affiliated to the United Nations





Education and training support for capacity building (Cont'd)

Workshops and seminars on advanced space applications and training programmes in priority thematic areas:

- Since 1971, the Programme organized, in cooperation with with Member States, bodies and specialized agencies of the UN system and relevant national/international organizations, about 300 training courses, workshops and conferences for researchers, educators, decision makers and application specialists from developing countries.
- Approximately 15,000 people have participated in these activities.
- 10 meetings were organized in 2008.
- 10 activities are scheduled for 2009.



Education and training support for capacity building (Cont'd)

Long-term fellowship programmes

Close to 300 specialists, selected from among approximately 1,500 applicants, participated in various long-term fellowships programmes since 1971.

Currently:

- UN/Italy long-term fellowship programme in GNSS and related applications
- UN/Argentina fellowship programme for advanced training in Landscape epidemiology



Inter-Agency Collaborative Activities and Projects

Some recent examples

UNESCO - UN/Saudi Arabia/UNESCO International Conference on the Use of Space Technology for Water Management in 2008

WHO - UN/Burkina Faso/WHO/ESA/CNES Workshop on the Use of Space Technology in Tele-health to Benefit Africa in 2008

UNEP – UN/Peru/ESA/UNEP Workshop on Integrated Space Technologies Applications for Sustainable Development in the Mountain Areas of Andean Countries to be held in 2009

ITU - OOSA/Colombia project on Geo Occupancy Analyzer Tool (GOAT)



The Programme is ready to collaborate with other UN bodies and international organizations

Thank you for your attention

UN Programme on Space Applications

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