

IV. PROTECTING AND MANAGING THE NATURAL RESOURCE BASE OF ECONOMIC AND SOCIAL DEVELOPMENT

Mountain ecosystems

Action items in the Plan of Implementation (A/CONF.199/20, Resolution 2)		Relevant space applications	Space-related initiatives and programmes that could support the implementation of the action		Web-site(s) for further information
Para.	Action item		Agencies / institution(s) involved	Initiatives/Programmes	
42(b)	Implement programmes to address, where appropriate, deforestation, erosion, land degradation, loss of biodiversity, disruption of water flows and retreat of glaciers	RS for monitoring deforestation, erosion, land degradation, loss of biodiversity, etc.	ASA and Austrian Federal Ministry for Transport, Innovation and Technology funded projects: JR, GEOSPACE, ENVEO (Austria)	“Management of Natural Resources in Alpine Regions by Advanced Remote Sensing Techniques”, Project within the framework of the Austrian Space Application Programme	
			EADS – Geomatics – Cemagref – CESBIO –ONF - Media France, French Ministry of Research and New Technologies (France)	METIS project on forest management and control	
			ASI	COSMO-SkyMed Programme for ecological monitoring, monitoring and managing coastlines and marine and inland waters, including ice monitoring, and for monitoring and managing forestry and agriculture. The Programme is to start operating in 2007 and reach full capacity in 2008.	
			ESCAP	Regional Space Applications Programme for Sustainable Development in Asia and the Pacific (RESAP)	http://www.unescap.org/icstd/SPACE/resap/resap_main.asp
			WMO	WMO Space Programme	http://www.wmo.ch/hinsman/satsun.html
			UNESCO	Man and Biosphere (MAB) programme and its Biosphere Reserve Integrated Monitoring (BRIM) initiative	http://www.unesco.org/mab/index.htm

Action items in the Plan of Implementation (A/CONF.199/20, Resolution 2)		Relevant space applications	Space-related initiatives and programmes that could support the implementation of the action		Web-site(s) for further information
Para.	Action item		Agencies / institution(s) involved	Initiatives/Programmes	
				Programme for Community Multimedia Centre	http://portal.unesco.org/ci/ev.php?URL_ID=1263&URL_DO=DO_TOPIC&URL_SECTION=201&reload=1075742490
				Cross-cutting project "Application of Remote Sensing for Integrated Management of Ecosystems and Water Resources in Africa"	http://ioc.unesco.org/goos/africa/cross-cutting.htm
42(d)	Implement programmes to promote diversification and traditional mountain economies, sustainable livelihoods and small-scale production systems, including specific training programmes and better access to national and international markets, communications and transport planning, taking into account the particular sensitivity of mountains	Satellite communications for better access to markets	UNESCO	Programme for Community Multimedia Centers Man and Biosphere (MAB) programme and its Biosphere Reserve Integrated Monitoring (BRIM) initiative	