

(c) Water

Trends and problems: Depletion and deterioration of surface water and ground water with increasing demand for drinking, agriculture and industry, and rising pollution in most countries; continued acidification and eutrophication of fresh waters; environmental problems created by water development projects; inadequate water basin management; transboundary water pollution, and continued technical difficulties in management of surface waters and ground waters shared by two or more States;

Priority for action: Assistance in the implementation of the objectives of the International Drinking Water Supply and Sanitation Decade, and in the promotion of guidelines for environmentally sound water management including transboundary, water management and pollution and related environmental aspects; management of inland fisheries and aquaculture; promotion of techniques for rational water management including water basin management, pollution control, recycling of domestic and industrial waste water and flood control, prevention of water waste; promotion of assessment of environmental impact of hydrological schemes;

(d) Lithosphere

Trends and problems: Environmental impacts resulting from increased mineral extraction, especially by surface mining and quarrying, and from mining of coal, tar sands and oil shales, and disposal of waste; environmental hazards caused by earthquakes, volcanic eruptions, tidal waves and landslides;

Priority for action: Encouragement of technology for economic use of minerals including recycling, further development of methods of environmental impact assessment of mineral resource extraction; further development and promotion of improved methods for rehabilitation of land following mineral extraction, and satisfactory disposal or reutilization of wastes generated by human activities; further development of early-warning systems for volcanic eruptions, earthquakes and tidal waves;

(e) Terrestrial biota and bioproductive systems

Trends and problems: Mounting world food demand only partially satisfied because of inadequacies of production and distribution; continued severe soil degradation and desertification as a result of inappropriate agricultural practices, erosion, and deforestation; loss of agricultural land as a result of urbanization, adverse impacts on land and water resources from increasing land-use conflicts between agricultural production, fuelwood and other energy crops, protected areas and human settlements; adverse effects of slash-and-burn agriculture or other inappropriate agricultural practices; loss of potentially valuable genetic resources, including wild flora and fauna, as a result of deforestation and use and commercialization of endangered species; adverse impacts of improper or increased use of fertilizers and pesticides; depletion of wetlands;