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nuclear power issue / Akira Miyahara. The next generation nuclear energy / David C. Wade. JET, ITER and the future of nuclear fusion / Jef Ongena -- 3. Climatology: global warming. From concern to controversy: science and non-science in global climate / John S. Perry. Celestial climate driver: a perspective from four billion years of the carbon cycle / Jan Veizer. Attributing variations to various forcings: a global perspective / Natalia Andronova. Understanding natural and anthropogenic contributions to the climate of the 20th century / Ants Leetmaa. Observational climate data and comparison with models / David H. Douglass. How effective is greenhouse warming of sea surface temperatures? / S. Fred Singer. Recent temperature changes in Greenland: coastal stations and the Greenland ice sheet / Petr Chylek. Understanding common climate claims / Richard S. Lindzen -- 4. AIDS and infectious diseases: new threats from infectious agents. Emerging viral diseases: the role of wildlife in disease emergence (full text not available) / John S. Mackenzie. Ebola viral, haemorrhagic fever, Nipah Encephalitis, SARS Avian Influenza: episodes in a never ending story? (Full text not available) / Jean-Claude Manuguerra. Vaccine development: a major challenge / Marc P. Girard. Emerging virus infections in a changing world / Albert D. M. E. Osterhaus -- 5. Brain diseases: update. Update on Transmissible Spongiform Encephalopathies / Herbert Budka -- 6. Limits of development: migration. Migration and freedom of speech / Ahmad Kamal. A West African point of view on migration / Mbareck Diop. International migrations: the case of Argentina / Juan Manuel Borthagaray. Migration in the 21st century: a Mexican perspective / Alberto Gonzalez-Pozo. International migration: theories and realities / Geraldo G. Serra -- 7. Pollution: science and technology. Subsurface laser drilling applications / Richard Parker and Lorne Everett -- 8. Desertification: remote sensing and desertification. Desertification in the Sahel revisited (Full text not available) / Lennart Olsson. Desertification, the global perspective: Dryland degradation and primary productivity / Stephen D. Prince. Integrated approaches to desertification / Eric F. Lambin. The negative effect of rainfall increase along a climatic gradient in a sandy arid area / Aaron Yair -- 9. Permanent monitoring panel meetings and reports. AIDS and infectious diseases permanent monitoring panel (panel report) / Guy de The. From missionary interventions to local academies / Franco M. Buonaguro. Desertification permanent monitoring panel (panel report) / Andrew Warren. Energy permanent monitoring panel (panel report) / Richard Wilson. Terrorism permanent monitoring panel (Chairman's report) / Ahmad Kamal. Information security permanent monitoring panel (Chairman's report) / Henning Wegener. Floods and extreme weather events permanent monitoring panel (Chairman's report) / Robert A. Clark. Limits of development permanent monitoring panel (panel report) / Geraldo G. Serra. Major shortcomings in U.S. immigration policy: get tough or get real? / Christopher D. Ellis. Conceptual approach in the creation and implementation of the national strategy for sustainable development of the Republic of Macedonia / Marija Milosevska. Mother and child permanent monitoring panel (panel report) / Nathalie Charpak. Pollution permanent monitoring panel (panel report) / Lorne Everett and Richard C. Ragaini -- 10. Disarmament and cultural emergencies: non-proliferation, evolution-minimal life. The nuclear non-proliferation debate / Ahmad Kamal. Will the non-proliferation treaty survive? / Henning Wegener. Comments on the non-proliferation treaty (full text not available) / Richard Wilson. Health of the non-proliferation regime / Richard L. Garwin -- 11. Energy workshop. Carbon sequestration and storage-the needs / Hisham Khatib. Consensus and disagreement on

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