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South East European Forum on Climate Change Adaptation

Climate Vulnerability Assessment Serbia

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Water management

- Strategy on water management- 2012
- Water management plans – for the period of six years
- Enlargement of retention capacities
- Transfer of water from water-rich to water-poor areas
- Increasing of efficiency of water use
- Lessening of loss in water systems
- Improving of monitoring – drought protection
- Developing of plans for flood protection (international-basin level)
- Increasing of protection level in agglomerations, industrial centers...
- Development of water sewage systems

Health

- Strategic level – organizational structure, responsible institutions, expected impacts and risks, most vulnerable groups, most vulnerable areas, information and warning system...
- Raising of expert and scientific capacities- monitoring, connecting of relevant institutions
- Development of intersectoral cooperation- agriculture, water management, energy
- Development of regional and international cooperation- infectious diseases
- Awareness raising- science based & responsible approach
- Improving of access to health services on local level – depending on other sectors, rural development, local communities
- Improving of capacities for disaster risk management- linking health institutions with other relevant institutions (police, red cross, military, rescue services...)

Agriculture

- Strategic documents- critical: currently no long-term strategy
- Support to scientific research in agriculture (model developing, research and characterization of local conditions, selecting of adequate sorts/crops, disease and pest research, efficiency of agricultural production...)
- National body (council) for climate change adaptations in agriculture
- Support to environmental (nature) friendly agriculture
- Development of irrigation systems- sustainably
- Improving of energy efficiency in production
- Knowledge exchange- farmers vs. science
- Establishing of mechanisms for financial support to farmers
- Promotion of insurance systems
- Initiating and supporting of farmers associations
- Autonomous measures (individual level): new crops, land management, irrigation, use of fertilizers, adjusting of planting periods, mechanization....

Energy

- Development of national strategy for energy
- Linking with other sectors- water management, forestry and agriculture
- Improved use of existing accumulations and creating of new
- Increasing of biomass capacities
- Decentralization of power supply network
- Networking in local, national and international level
- Establishing of local, regional and national funds for energy efficiency
- Reforestation

Ecosystems

- Developing of monitoring systems
- Valuing of natural resources and ecological services
- Increasing of protected area coverage
- Development of ecological networks
- Improving of management effectiveness
- Conservation of forest ecosystems
- Conservation of wetlands
- Monitoring and control of invasive species
- Promotion of active conservation measures (pro-active management)
- Monitoring and sustainable use of commercially used species
- Awareness raising- ecological services, value of biodiversity

Policy makers

- Prioritization of climate change adaptations
- CC adaptations- also for maximizing of benefits
- Intensive inter-sectoral cooperation demanded
- Development of national program (strategy)
- Establishing of national council for CC adaptations
- Regional approach
- Strong links with regional development
- Improving of monitoring systems
- Raising of educational capacities
- Raising of capacities for disaster-risk management
- Soft measures first

CSO

- Networking (national, international)
- Participation in international projects
- Partnerships building with science and expert institutions
- Cooperation with local communities and specific target groups
- Involvement in development of strategic documents
- Specialization to particular issues in CC adaptations
- Using of international treaties for advocating
- Focus on most vulnerable areas and most vulnerable groups

Red Cross

- Partnership building with other relevant organization
- Assessments of local/regional CVA
- Adjusting of regional organization according to assessed risks
- Involvement in developing of strategic documents for CCA (especially in health sector)
- International cooperation
- Defining of particularly vulnerable groups and development of action plans for increasing of their adaptive capacities
- System for informing and warning
- Education on CC effects
- Cooperation with other institutions in health sector and development of monitoring on weather-dependent health problems