Questionnaire on adaptation to climate change and potential measures

Aim: the collected information from this survey will serve as inputs for the drafting of the summary report on proposed adaptation measures for South East Europe, which will be presented next year at the ENVSEC regional event. **Instructions:** the questionnaire is formulated in 3 types of questions: yes/no, multiple choice (mark with X) and open questions. CCA (adaptation to climate change).

1) Which type of organization do you represent?
Public Authorities/expert dealing with CCA   NGO/IGO   Local Authority   academia   other
What is your field of Expertise?

2) Please mark with an X 3 of the most relevant sectors vulnerable to different impacts of climate change in Albania. Which ones of them can represent a security threat (e.g. food security, energy security, economic security, other)?

Energy   Biodiversity   Agriculture   Water Management   Human health   Forestry   Tourism
Coastal zones management   Management of Mountainous regions   Management of urban areas   other

3) What are the main drivers to adapt to the effects of climate change in Albania? Are security threats among them?

4) Which are the main barriers to integrate adaptation into the decision making process in Albania?

5) Mark with an X the climate security threats relevant for Albania:
   - Conflicts over diminished resources
   - Economic damage and risk to coastal cities and critical infrastructure
   - Loss of territory and border disputes
   - Environmentally-induced migration (both inside, outside, and within the country)
   - Tension over energy supply
   - Pressure on international governance

6) Is there a Strategy on adaptation to climate change established and being implemented in Albania?
   Yes   No   Yes, but not yet implemented   Adaptation is part of the Environmental Strategy   I don't know

7) Do you agree with the following statement? **Soft measures** - Building adaptive capacity (research, mapping and modelling impacts and vulnerability, risk assessments, planning, developing and participating in networks, awareness raising, training, institutional strengthening, financial measures) **and hard measures** – Operational (infrastructure development) **are necessary in Albania to cope with the effects of climate change**.   Yes   No

8) Mark with an X accordingly to classify the following adaptation measures for Albania

Adaptation measure	Implemented	Planned	Not yet planned but necessary	Not relevant
Technical flood protection (raise dikes, enlarge reservoirs, upgrading drainage systems				

Natural retention of flood water(floodplain restoration, change of land us)				
Restriction of settlements (in risk areas)				
Improving insurance schemes against flood damage				
Reinforce or heighten existing coastal protection infrastructure				
Disaster response enhancement (improved reaction in extreme weather situations- warning systems for flood and droughts)				
Improved civil preparedness for protecting health in case of Extreme weather events				
Monitoring of meteorological, maritime and shoreline indicators, geological surveys, assessing beach profiles				
Appropriate land use planning bearing in mind impacts of Climate change				
Promoting sustainable agriculture practices (conserving moisture, improved irrigation, soil erosion prevention measures, integrated management, selection of appropriate varieties for cultivation)				
Increase protected forest area and improved forest fire Warning system				
Implementing plans or projects for conservation of biodiversity				

Other adaptation measures:

9) Mark with an X the key factors for adaptive capacities that are missing in Albania
Economic resources   Technology   Information skills and management   Infrastructure
Institutions and networks   Legal framework   Social Equity

10) Rate from 1-6 (1 being the most important element) the elements you consider more important when building adaptive capacities and climate resilience in Albania
- Mapping / modelling impacts and conducting risk and vulnerability assessments
- Awareness raising and capacity building on CCA in local communities
- Adopted National Adaptation Strategy/Sectoral Adaptation Strategies
- Cost benefit analyses of implementing adaptation measures
- International support on technology transfer
- Modernization of meteorological stations (improved network of automatic stations)

11) In which adaptation measures further research is needed?

12) Please indicate your outlook for further actions to combat climate risk security aspects in Albania.

13) Rate from 1-5 (1 lowest value) activities (national and local initiatives) in Albania connected to awareness raising about adaptation to climate change (rate):