



Carpathian Convention activities in connection with the EUSDR PA4

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Content

- Climate connected issues
- Mountains connected issues
- Important projects, meetings and publications



TISZA MINISTERIAL MEETING

- 26th September 2019, Ministry of Interior, Budapest, Hungary
- Memorandum of Understanding for strengthening Tisza River Basin cooperation towards the implementation of the updated Integrated River Basin Management Plan for the Tisza River Basin supporting the sustainable development of the region

MoU

- ...
- INVITE the Carpathian Convention and the ICPDR Tisza Group to further strengthen cooperation in areas of mutual interest;

Topics 1/2

- detection of flood formation areas. The detection of FFA has two large benefits:
 - no need for the investigation of the whole Carpathian area
 - dealing with the most vulnerable territories, where the protection/adaptation actions are the most relevant and urgent
- climate change impacts on hydrological regime and forests (wetlands, grasslands) in the mountains
 - the special situation of the Carpathian Basin (even the sign of change of precipitation sum is not certain), impact of precipitation phase and intensity changes on the hydrological regime of the Carpathians
 - use of uncertainties in the adaptation measures
 - connection of the past land cover type changes with the climate change and variability

Topics 2/2

- land use, land use changes in the mountains:
 - natural (climate change caused) changes in the ecosystems
 - direct anthropogenic changes: logging, road constructions
 - remote sensing based observing system to follow the land use changes
- runoff modelling
 - estimation of the different land cover structure on the runoff and erosion
 - model calculations and their evaluation based on measurements
- effects of the LUC on the streamflow and sedimentation of rivers
 - effect of the changes on the river characteristics on downstream situation, flatland studies

TG/CC timetable

- Actualizing the topics
- GA and CCIC agenda points
- Workshop in 2020
- Project submission in 2021

Other ideas

- Ideas for activities:
 - Microplastic in the Carpathians
 - Establishing biomonitoring
 - Waste water treatment in small settlements
 - Agricultural good practices in mountainous areas
 - Natural Water Retention Measures including urban water retention
 - Water balance, erosion
 - Soil degradation
 - Flashfloods

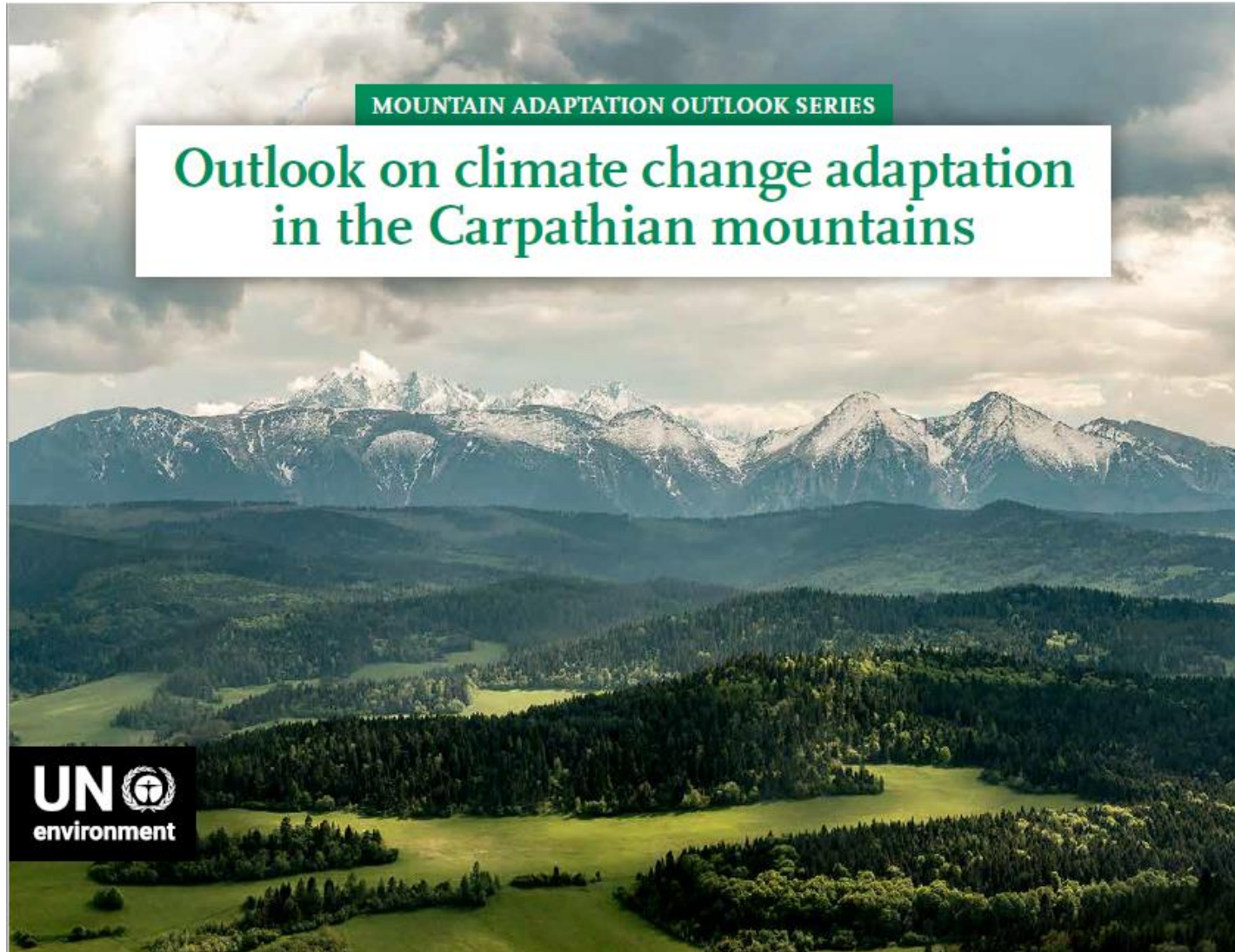
Climate-ADAPT

- The development of a Carpathian webpage under the European Climate Adaptation Platform (Climate-ADAPT) has been started and continuously developed. This is a European Commission initiative aiming to support Europe in adapting to climate change by providing/sharing available information on the topic.





Publications + survey



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Thank you for your attention!

