

Hydro-meteorological risk reduction and climate change adaptation in the Sava River Basin

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The Sava River Basin covered the teritory of several countries. There were, in past thirty years, several flood hazard events with almost hundred years return period. Parts of the basin suffer by severe droughts also. In the presentation we covered questions of:

• Flood hazard in complex hydrology structure

• Landslide and flush flood in mountainous regions

• Floods on karst polje

• Flood risk management in the complex international and hydrological condition.

• Impact of man made structures: hydropower storages, inundation ponds, river regulation, alternate streams, levees system, pumping stations, Natura 2000 areas etc.

• How to manage droughts in the international river basin

The basin is well covered by information and managed by international the SRB Commission (http://savacommission.org/) that could help. We develop study for climate change impact on floods on entire river basin financing by UNECE. There is also study provide climate change impact on the water management provide by World Bank and on which we take part. Recently is out call by world bank for study »Flood risk management plan for the SRB«.