



## **Anthropogenic impact on the change hydrological and erosion regime in Serbia**

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Serbia in the first half of the twentieth century has experienced extreme denudation and increase torrent flooding and erosion. The problem has become a nightmare for the state. It is possible that the scale of the state enforce a set of measures that are confirmed in practice the impact of land use on water regime and sediment... In the second half of the twentieth century carried out a large volume of soil and water conservation, torrent control works and other measures that are bare and barren spaces turned into green and fertile.

Another contribution to these works and measures are impact of changing the water and sediment regime. All these changing of water and sediment regime were measurable and comparable.

Changing water and sediment regimes is important for long-term survival and function of reservoirs that serve the population for water supply and power. So follow all the changes that can have positive or negative impact.

The paper presents results achieved changes, which have enabled the construction of reservoirs and survival in earlier torrent extreme flows.

Key words: Land use, Erosion, torrents, Soil and water conservation,