

Project „Cultural landscapes of mountain and highland river valleys”
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Hydrologic information for design of flood plain in river valley

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- Hydrologic information for design of flood plain
- Calculation of probable peak discharge in uncontrolled catchment
- Conclusions



Conclusions

Hydrologic informations are necessary for design of flood plains. Desingers may have different problems f. e. rainfall distribution in time, choice of model to transformation of extended rainfall into flow.

In present work the best results of frequency flood calculates were obtained for SCS UH with use the beta rainfall distribution.

Neccesary are further research to elaborate a guideline for hydrological calculations to design of flood frequency, especially in uncontrolled catchment.