

**Project Management
Flood Prevention Concept
and Risk Maps for the River II. Order
Preventive flood protection**

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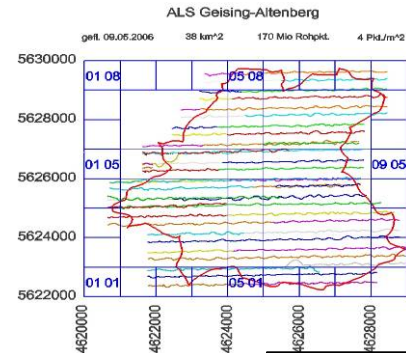
Objective: Project Management for the development of flood prevention concept with risk maps

Location: Districts Saxon Switzerland and Weißeritz

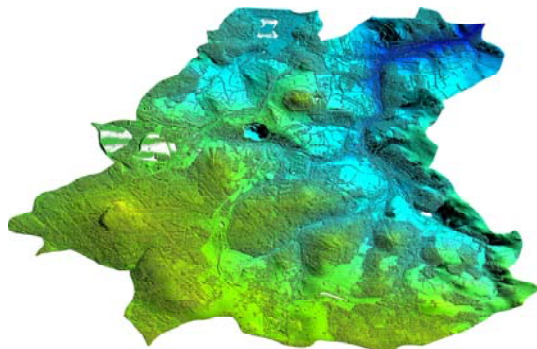
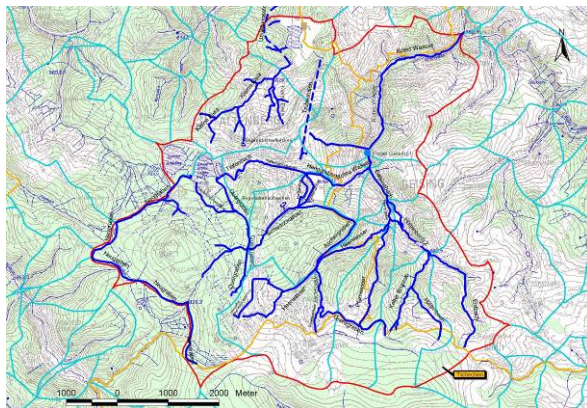
Client: Geising City

Beneficiary: Geising and Altenberg cities

Duration: 2006



Scope of Services:



Project management services of ca 55 river kilometres for the flood origin area of Müglitz and Weißeritz (Osterz mountains) of the river II. order with following points:

- Supplementary terrestrial measurement (lateral profile measurement, longitudinal cut, water management structures, mining tunnels)
- Laser scan- aerial survey incl. establishment of DGM/DTM (ca 50 km²)
- N-A-modelling incl. evaluation of discharge and peak values for HQ (T) - results
- Flood prevention concept incl. development of flood area in actual and plan conditions
- Countermeasure plan with cost benefit analysis
- Risk maps HQ (T)
- Investment volume: ca 280.000 €