

Transnational Internet Map Information System on Flooding



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The project «TIMIS flood» provides the foundation for an extensive flood protection for Luxembourg, the German federal state Rhineland-Palatinate as well as for the French regions Alsace and Lorraine. In particular, «TIMIS flood» produces

- hazard maps for approx. 100 rivers (approx. 3000 km length)
- risk maps for selected test sites
- a transnational observational network for water gauges and run-off
- a transnational system for flood forecast
- a transnational GIS on flooding
- internet-based services on flooding

EBP is the prime contractor. Together with the German Hydrotec GmbH (Aachen) and other subcontractors the following services are carried out:

- acquisition of the data basis (i.e., surveying of cross-sections, airborne LiDAR scanning, transnational mosaic of ortho-rectified aerial photographs)
- derivation of run-offs for ten specified flood events
- determination of water gauges using hydraulic modelling
- coordination of forecasting and warning activities
- provision of a user guide and training of the staff of the contractors in terms of an extended quality management

Client

Ministère de l'Intérieur et de l'Aménagement du Territoire, Luxembourg (project lead), various administrative agencies in France and Germany

Facts

Period	2004 - 2008
Project Country	Luxembourg

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— project communication

By mid of 2008, all internet-based services by «TIMIS flood» will be online and are targeted to the public, the authorities and the research community. The project is co-funded by the INTERREG IIIB NWE programme.