

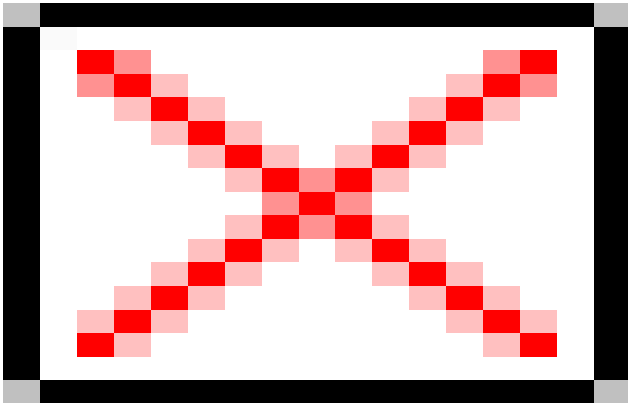
IMDC
Hydraulic and hydrologic river modelling

Location:

Ravels, Belgium

Client:

Province of Antwerp



Project Contact Information

For more information about this project, contact:

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Hydrological and hydrodynamic modelling of the rivers AA and Leyloop

The Province of Antwerp engaged IMDC to model the rivers in the Aa-Leyloop catchment (Ravels), inclusive the rivers in the Netherlands to the discharge in de Nieuwe Leij in Goirle (NL), and to analyze and evaluate flood mitigation measures.

The study consists of:

- Topographical measurements of 26 kilometers of river;
- An extensive measuring campaign;
- Hydrological and hydrodynamic modelling of the river system and flooded areas;
- Analysis and design of flood mitigation measurements and the enhancement of the interaction of the river system with the wetlands, considering ecological and scenic interests;
- Consultation and negotiation of the design strategy with interest groups and local authorities.

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