



■ THE PROJECT

In Bonsai international flood defense, science, and education experts work together to create solutions to prevent flooding due to climate change.

We create possibilities for the next generation of flood experts to learn and dedicate ourselves to creating a transnational network for future cooperation.

Total project budget
€10.7 million

EU funding
€6,4 million

Timeline
2025 - 2029

Contact

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Interreg



Co-funded by
the European Union

North-West Europe

BONSAI



**Flood
Academy
2027**

■ CHALLENGE

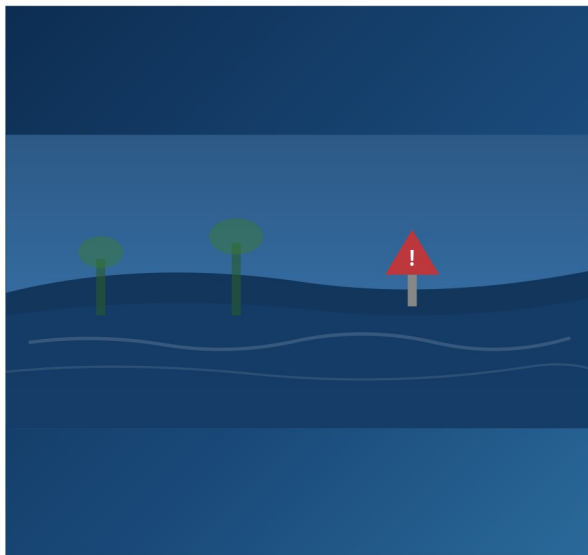
Climate change & flood risk

Due to climate change, tidal estuaries in Northwest Europe face increased flood risks as extreme weather intensifies and sea levels rise. Flood defence infrastructure must adapt to shifting climate zones and increasingly severe conditions.

The estuarine systems of Northwest Europe are densely populated and home to vital industries and infrastructure. Without proactive preparation, these areas face severe threats to communities, economies, and ecosystems.

The capacity gap

This transnational challenge requires cross-border cooperation – not just to build better defences, but to train the next generation of flood resilience professionals with the practical skills and international networks to respond effectively.



■ PROGRAMME

Three days of expert-led learning

Nestled in the beautiful Sauerland countryside near Lake Biggensee, with modern conference facilities, and a welcoming atmosphere **Akademie Biggensee** (<https://akademie-biggensee.de/ueber-uns/>) offers an inspiring setting for bringing together leading experts from the BONSAI network for an intensive three-day programme covering both technical and operational aspects of flood crisis management.

Date

14–16 Sep 2027

What to expect

Participants will attend presentations and interactive workshops led by specialists from partner organisations across France, Belgium, the Netherlands, and Germany – covering topics including levee failure mechanisms, disaster management protocols, nature-based solutions, and international co-operation in flood crises.

3

Days of training

17

Partner organisations

4

Countries represented

20+

Participants per edition

5

Flood topics

80+

Professionals trained



SIGN UP NOW

Send an email to register your interest or ask questions about the programme.

BONSAI-ACADEMY@uni-siegen.de

More information about this event:

bonsai.nweurope.eu/activities

■ WHAT YOU GAIN

Skills & knowledge

- **Expert insights** on flood defence systems, levee failure, disaster management, and nature-based solutions from leading researchers and practitioners.
- **Hands-on workshops** that translate theory into practice, using scenarios drawn from real flood events in Northwest Europe.
- **International network** – connect with peers, mentors, and future colleagues from across France, Belgium, the Netherlands, and Germany.
- **Transnational perspective** on flood resilience policy, cross-border crisis co-operation, and climate adaptation strategies.
- **Certificate of participation** from the BONSAI Flood Academy, part of the Interreg North-West Europe programme.

