

Working with nature on flood prevention

The Government's 25 Year Environment Plan highlights an important role for natural flood management in flood alleviation. Pilot schemes in Yorkshire are the focus of an iCASP project to develop best practice and show how working with nature can deliver a range of benefits.

Experts in modelling and monitoring are showing practitioners and communities different ways to evaluate and quantify the effectiveness of approaches such as tree planting and building leaky woody dams. The project team will share insights from these pilot schemes with larger-scale flood alleviation schemes such as in Leeds, York, Sheffield, and Calderdale. The integration of natural flood management processes with hard engineered structures could give greater protection to homes, businesses and transport links in the region.

The project will also help to develop a community of practice to increase regional NFM capability, and will contribute updates to the Environment Agency's national 'Working with Natural Processes' evidence base and guidance.

Partners:

Bradford Metropolitan District Council, Calderdale Council, Environment Agency, JBA, National Trust, University of Leeds, University of York, Yorkshire Dales Rivers Trust.

Duration:

April 2018 – September 2020

