

# FLOOD RISK



Flood risk assessment, and the assessment of flooding impacts associated with climate change, are crucially important elements in any new land development project in the UK nowadays. And with good reason. The frequency and impact of major flooding events is increasing steadily and the effects of flooding on the built environment are often devastating. Addressing flood risk from the outset of any new project, and the design of measures to eliminate or mitigate the potential impacts of flooding events, is therefore not only an environmental imperative but also a an obligation to our future societies.

Egniol's engineering and environmental specialists can help. Whatever type of new development you are planning we have the knowledge and experience to assist with your flood risk assessment.

### OUR CAPABILITIES INCLUDE:

- Liaison with local planning authority development departments
- Liaison with the relevant regulating body (Environment Agency, SEPA, Natural Resources Wales)
- Drainage strategy preparation incorporating Sustainable Urban Drainage Systems (SUDS) and traditional drainage design
- Downstream impacts of new developments
- Compliance with national guidance on flood risk management (FRA to NPPF-England, FCA to TAN15-Wales, and FRA to SPP7-Scotland)
- Detailed drainage design for construction

We will assess the previous land use, the site location and the effects of climate change to develop a robust flood risk assessment to ensure that the risks of flooding caused both to and by your new development are fully understood and suitable design responses are in place.

