

Groundwater Flood Risk Assessments (GWFRAs)

Understanding groundwater flood risk

presented by
GeoSmart Information

Description

This session introduces what groundwater flooding is and its impacts on other types of flooding, modelling and mitigation measures, and an explanation of groundwater flood risk data and forecasting. Examples and case studies are presented.

Target audience

Property developers, planners, architects – anyone involved in the process of property management, development and planning.

Duration

1 hour

Learning objectives

This session will help participants:

1. Understand what groundwater flood risk is
2. Describe the types of groundwater flooding and mitigation measures
3. Understand the impacts of groundwater flooding on other types of flooding and mitigation schemes

Seminar or webinar structure

1. Introductions and background to presenter
2. Session overview and learning objectives
3. Why groundwater flooding important
4. Types of groundwater flooding
5. Mitigation measures
6. Detailed groundwater modelling
7. The impact of groundwater on flood alleviation schemes
8. Impact on other types of flooding
9. Groundwater flood risk data
10. Groundwater flood forecasting



11. Further information

12. Questions and discussion