

Flood Risk Assessments (FRAs)

A Guide for Architects

presented by
GeoSmart Information



Description

This RIBA assessed session introduces the different sources of flooding including groundwater, the risks to development and what can be done, catchment management, what FRA's are and how to discharge flood related planning conditions. 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 the different sources of flooding
2. Describe the implications of flooding on a site purchase or development
3. Understand why a Flood Risk Assessment is needed and what it assesses

Seminar or webinar structure

1. Introductions and background to presenter
2. Session overview and learning objectives
3. Flood risk to developments and solutions
4. Understanding all types of flooding
5. Flood modelling
6. Groundwater flooding
7. Flooding regulation and planning requirements
8. Purpose of a Flood Risk Assessment
 - a. Flood risk vulnerability classification

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- b. Flood zones
 - c. Further tests
9. Flood defences and protection
 10. Flood reports
 11. Further reading
 12. Questions and discussion