

Flood Risk Assessment

STATS Consulting

- Flood risk assessment for EIA and planning applications
- Mitigation advice and design of control and damage limitation measures

STATS Surveys

- Watercourse and flood defence surveys and catchment characterisation
- Flood defence asset condition surveys

The Environment Agency estimates that around 5 million people, in 2 million properties live in flood risk areas in England and Wales. The Government's policy is to reduce as far as practicable the risk to people, property and the wider environment from flooding. Planning applications for sites in or near to flood risk areas must now be supported by a Flood Risk Assessment (FRA) in accordance with Planning Policy Statement 25 (PPS25).

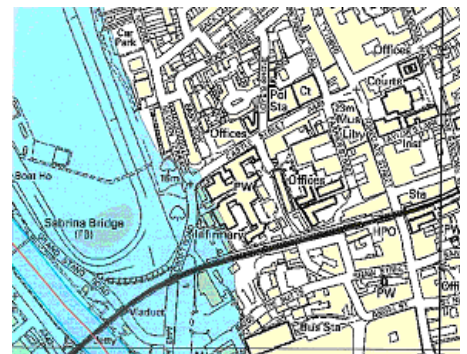
Property investors and their funders, businesses and homeowners also need to be aware of the risks that may be posed to a property by flooding and what mitigation measures can be applied.

STATS has the expertise and capability to:

- Assess the flood risk to a property or development from tidal, fluvial, groundwater, drainage and other potential sources.
- Demonstrate that the design and occupation of a development can be made to reduce any residual flood risks to an acceptable level, e.g. by adopting suitable freeboard levels, dry emergency access routes and any appropriate flood warning and evacuation procedures
- Assess the potential impact that a development has on flood risk elsewhere and identify any appropriate mitigation measures, such as the provision of compensation storage capacity in the floodplain and the use of sustainable site drainage systems
- Survey existing watercourses and flood defences
- Demonstrate compliance with national and local planning policy guidance.



Properties damaged by fluvial flooding



Predictive flood mapping



Characterisation of urban watercourses

Contacts: Matthew Cheeseman, Adrian Marsh

STATS Limited

Porterswood House, Porters Wood
St Albans, Hertfordshire AL3 6PQ

Tel: 01727 833 261

Fax: 01727 811528

Email: environment@stats.co.uk



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