



## UK OFFICES

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## INTERNATIONAL OFFICES

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# Hawkins

Leaders in forensic investigation



## Flooding & Hydrology

*Our expert hydrologists and engineers have years of experience identifying the cause(s) of complex flooding incidents.*





## Flooding

Flooding is a significant problem in the UK, with 1 in 6 UK properties at risk of flooding. The Association of British Insurers indicated that the average cost of repairing a flood damaged home in 2020 was £33,600.

*“We expect this figure to increase substantially due to the effects of inflation and repair material shortages.”*

UK Insurers also report that £543m was paid out to settle storm and flooding claims following storms Ciara, Dennis and Jorge (ABI, April 2022).

[www.hawkins.biz](http://www.hawkins.biz)

## How Hawkins Can Help



We can assist by:

- Investigating the causes of flooding from
  - natural sources including rivers, sea, surface water, and groundwater, and
  - artificial sources such as surcharging of urban drainage systems, foul sewers, water main bursts, and reservoir failures;
- Assessing the contribution of other causative factors, such as the maintenance and condition of channels and structures, blockages, and pump failures;
- Assessing the annual probability of a rainfall/flood event;
- Offering expert advice on resistance/resilience measures to reduce future flood risk;
- Providing an assessment of post-flood contamination.

## Our Service

Hawkins is a multi-disciplinary forensic practice established in 1980. With offices in the United Kingdom, United Arab Emirates, Hong Kong and Singapore, we have over 100 experienced investigators able to provide specialist pre-loss risk assessment, forensic root cause analysis, expert witness services, post-loss remediation and prevention advice.

### Rapid Response

We can attend the scene immediately if required and provide initial, verbal feedback directly from site.

### On-Site Analysis

We assess the extent, depth and timing of flooding, perform flood risk assessments, and use hydraulic modelling and hydrological data in our investigations.

### Short Turn-Around

We can provide detailed written reporting, and where appropriate, advice on how to reduce the risk of flooding in the future, and how to maintain proper drainage where necessary.

