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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 causes of complex flooding incidents.*



## Flooding

Flooding is a significant problem in the UK, with 1 in 6 UK properties at risk. The Association of British Insurers' figures show 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
  - 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 and flood event
- Offering expert advice on resistance and resilience measures to reduce future flood risk
- Providing an assessment of post-flood contamination.

## Service Types

Hawkins is a multi-disciplinary forensic practice established in 1980. With offices in the United Kingdom, Dubai, Hong Kong and Singapore, we have over 100 experienced investigators able to provide advice and assistance at any stage of an incident, as well as provide ongoing support and guidance for the future.



### PRE-FAILURE RISK MANAGEMENT

Guidance on design, installation, and regulations to ensure safety, compliance, and risk reduction.



### ROOT CAUSE ANALYSIS

Scientific investigation into all aspects of an incident to determine what happened, why and in what sequence.



### EXPERT WITNESS SERVICES

Independent and impartial technical advice to assist Counsel during all aspects of litigation.



### POST-FAILURE ADVICE

Consultancy advice to reduce, mitigate and prevent risks associated with similar events happening in the future.



### MAJOR & COMPLEX LOSS

Global resources and multidisciplinary teams, armed with the knowledge, equipment and facilities to manage and investigate major and complex incidents.