


EUCOLD WG Levees & Flood Defences Webinar on temporary / mobile / demountable flood defences

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Issues for temporary, mobile, demountable flood defences (1/2)

Not all temporary, mobile, demountable flood defences are the same

Some considerations of temporary, mobile, demountable flood defences

- Terminology/typology
 - temporary, mobile, demountable, ... ?
- Design
 - Hydraulic design
 - How will the defences protect against flooding / modify the flood
 - Locally, at the system scale
 - Structural design
 - Watertight, leakage rates
 - Stability - the defence itself, the rest of the system



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Issues for temporary, mobile, demountable flood defences (2/2)

- Ownership / Management
 - Collective
 - Private (companies, individuals)
- Operation
 - Not a passive solution
 - Requirements
 - Operation issues
- Regulation



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Environment Agency, England

Demountable defences

comprise purpose built structural components generally above ground and supported by permanent in-situ structural foundations. They form part of the above-ground solution of a permanent flood defence scheme. They should not be confused with temporary defences.

Temporary barriers

Temporary flood barriers are systems that are brought to site to provide a flood defence for a limited period (the duration of potential flood conditions). They are then removed until required again. They have no fixed foundation other than the natural ground on which they are based with perhaps minor modifications to drains, sewers, highways and footpaths to ensure proper stability or performance of the temporary barriers.



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