

THE NETHERLANDS TRIAL

21-23 MAY 2019

FLOOD SCENARIO IN THE HAGUE

Severe weather conditions cause the Scheveningen lock to fail, flooding The Hague city centre, putting more than 500,000 people at risk. Cascade effects will be loss of electricity, gas, drinking water, telecoms networks and damage to roads, houses, cars, shops, tramlines...

PHASE 1: THREAT

Serious flood risk: The Safety Region prepares for evacuation (routes, shelters, organisations), protects vital infrastructure and strengthens weak spots.

PHASE 2: IMPACT

Severe inundation: The Safety Region coordinates emergency response and rescue operation; plans for evacuation of trapped people in flood areas.

INNOVATIVE SOLUTIONS

3D

A state-of-the-art hydrodynamic simulation software for pluvial, fluvial and coastal floods ZK

Up-to-date situational awareness information such as satellite or aerial imagery as well as geo data Keep Operational

Provides information about the current traffic situation and routes regarding the flood information CrisisSuite

Provides a Common Operational Picture for those Crisis Teams not having direct access to HumLog

An adaptable simulation environment for discrete event-based and agent-based simulations SIM-CI

Creates digital visualisation of the disaster, showing cascading effects on critical infrastructure and utility networks

OBJECTIVES

Enhance the capability to plan and coordinate resources for response Improve the ability to exchange crisis-related information Facilitate the planning and management of large scale evacuation

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