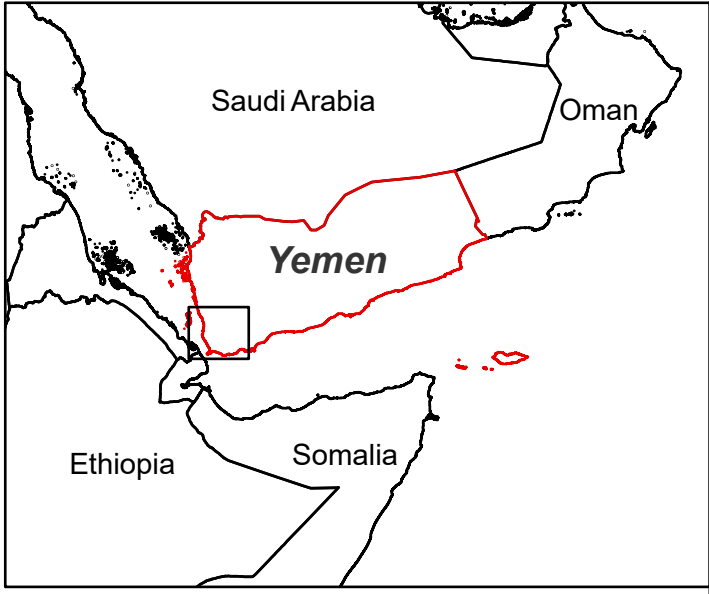


A two-dimensional (2D) unsteady flow hydraulic model was built using HEC-RAS to derive flood hazard and depth products, which were then translated to a flood risk score. This map specifically shows the HEC-RAS flood depth product. The results from these types of modelling outputs can provide a high-level understanding of flood hazards on a catchment-wide scale and help identify flood susceptible areas, especially areas at risk of flash flooding. Catchment areas with a higher overall number of IDP population and IDP population density were prioritized for this exercise.



Flood Depth (meter)

- 0 - 0.5 (Low - No Risk)
- >0.5 - 1 (Medium)
- >1 - 2 (High)
- >2 - 5 (Very High)
- >5 (Extreme)

Legend

- Governorate
- District
- ▨ Basins
- IDP Sites
- Critical 4 Sites
- High 58 Sites
- Medium 20 Sites
- Low 38 Sites
- Unknown 9 Sites

IDPs Sites Flood Depth Classification

- Critical 4 Sites
- High 58 Sites
- Medium 20 Sites
- Low 38 Sites
- Unknown 9 Sites

This map illustrates IDP hosting sites in Ta'iz according to their flood hazard score classification from the REACH 2024 National Flood Hazard Analysis Dataset. Crucially, not all sites are displayed on this map due to the unavailability of GPS coordinates for many sites. This map was designed by REACH as part of the National Flood Hazard Analysis for Yemen.

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map.
Coordinate System: GCS WGS 1984
File: REACH_YEM_Map_Ta'iz_CCCM_Flood_Depth_IDPSites_30May2024_A2_V1
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