Feb 2023, As part of the yearly Flood Response and Contingency Planning of the CCCM Cluster and OCHA, REACH supported updating last year’s National IDP Site Flood Hazard Analysis. In total, 4 datasets (CCCM Flood Report, CCCM Site Report, REACH Flood Hazard (HEC-RAS) Mapping, SNCC Estimated Flood Scores 2022) were triangulated to determine Estimated Flood Hazard Scores per site. To ensure a field perspective, estimated scores were reviewed by SNCCs. In total, 571 (25%) of assessed IDP sites have a High Flood Hazard covering a total of 603,227 site residents.

The top 5 governorates with assessed IDP sites having High Flood hazards include Al Hodeidah (29%), Hajjah (27%), Al Jawf (22%), Marib (13%), and Taiz (9%). Available outputs include a detailed Methodology Note, a Flood Hazard Dataset with scores, National and regional maps as well as a presentation of findings.

Based on this analysis, the cluster established an exercise to capture all the needed CCCM flooding preparedness activities in the high risked sites covered by partners. (needed Soft & Hard interventions) Those outputs can also be found on the Partners Flooding preparedness activities dashboard.

### CCCM SOFT FLOOD PREPAREDNESS INTERVENTION

- **Assessment of potential flood risks**: 39% (30% 28% 3%)
- **Allocation of funds for CCCM site maintenance projects to address urgent infrastructural and sectoral gaps resulting from floods**: 2% (60% 32% 6%)
- **Adequate number of Sand bags available for the site**: 8% (34% 58%)
- **Access: Leveling, drainage, backfill of pits and swamps at close proximity, and repair of access road to ensure access to site in case of flooding (outside/around the site)**: 43% (57% 5%)

### CCCM HARD FLOOD PREPAREDNESS INTERVENTION

- **Undertaking flood safety awareness campaigns for the IDPs, including local authorities (capacity building) and CCCM staff (posters, training, information tool kits)**: 36% (50% 13%)
- **Site cleaning campaigns prior to flood season, and improving/maintenance of solid waste management (including waste bins)**: 9% (54% 37%)
- **Rehabilitation of unprotected water sources and points (gabion walls around water source and so on)**: 10% (40% 88%)
- **Preparing Multi-sectoral Site-level flood preparedness & response Plan, including 3Ws and response matrix**
- **Identification, relocation and levelling of shelters and site facilities at high risk of flooding**: 26% (54% 14%)
- **Evacuation plan (identification of evacuation assembly point and route, storage space to keep IDPs belongings including food and non-food items, assigning evacuation wardens from the...**
- **Establishment of flood committee for the site, and encouraging community small-scale measures**: 38% (32% 30%)
- **Establishing/rehabilitating evacuation sites in coordination with local authorities**: 12% (88%)
- **Establishing site/area-level community alert systems and effective methods of communication, information dissemination, and clear feedback channels (related to flood and risk mitigation)**: 1% (26% 70% 3%)
- **Assessment of potential flood risks**: 31% (37% 29% 3%)
- **Ensure that CCCM partner in charge of site has a functional water pump available for the sites covered to pump the flood water away from the site**: 1% (26% 70% 3%)
- **Ensure contingency response stocks (NFIs, tool kits, tarpaulin, etc.) are available for flood response in the area-based coordination**: 2% (78% 13% 7%)
- **Drainage upkeep: Levelling, road ditches, channels around the tents, soil embankment on flood path, dislugging of drainage systems, maintenance of sewage networks, including backfill pits and...**
- **Construction of flood protection walls / gabion barriers**: 4% (51% 45% 45%)
- **Site cleaning campaigns prior to flood season, and improving/maintenance of solid waste management (including waste bins)**: 3% (24% 73%)

### FLOODING RISK SCORING FOR SITES

- **High risk**: 25%
- **Medium risk**: 10%
- **No/Low risk**: 53%
- **Unknown**: 12%

### FLOODING RISK SCORING FOR SITES PER HUB

<table>
<thead>
<tr>
<th>Hub</th>
<th>High risk</th>
<th>Medium risk</th>
<th>No/Low risk</th>
<th>Unknown</th>
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<tr>
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<td>11%</td>
<td>69%</td>
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<tr>
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<td>1%</td>
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<td>20%</td>
</tr>
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</table>

**Data Source**: Yemen CCCM Partners Reporting - Feb 2022 updates

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