Meteorology and Climate Anticipation

Project Summary

**Problem**

Extreme weather events (floods, heat waves, droughts, tropical cyclones, etc.) represent a significant threat to humanity. MSF lacks an optimized approach to track, anticipate and respond to weather hazards faced by vulnerable populations a timely and effective way.

**Proposed Solution**

Assess MSF’s operational response mechanism for extreme weather events to determine barriers and opportunities to respond rapidly and effectively. Provide recommendations for MSF’s Emergency Prep and Emergency Response approach to meet the need of beneficiaries.

**Potential Impact**

- Improve response time to extreme weather events to improve quality of patient care
- Improve understanding to address internal barriers that prevent rapid response

**Viability**

- Incorporates a strong link with operations (emergency desk)
- Leverages existing MSF data as a starting point for analysis

**Risk Mitigation**

- Engages a wide range of external actors to strengthen understanding of best practices

**Scalability**

- Will recommend options to improve operational response, which can be used across MSF movement

Area/Type: Operations Improvements and Technology; Incubator
Sponsor/Support: OC Brussels
Length/Project Status: 8 months; ONGOING