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Intergovernmental
Oceanographic
Commission

Introduction to TEP

Experiences and Pilot Areas

Session 1.3
By Ardito Kodijat

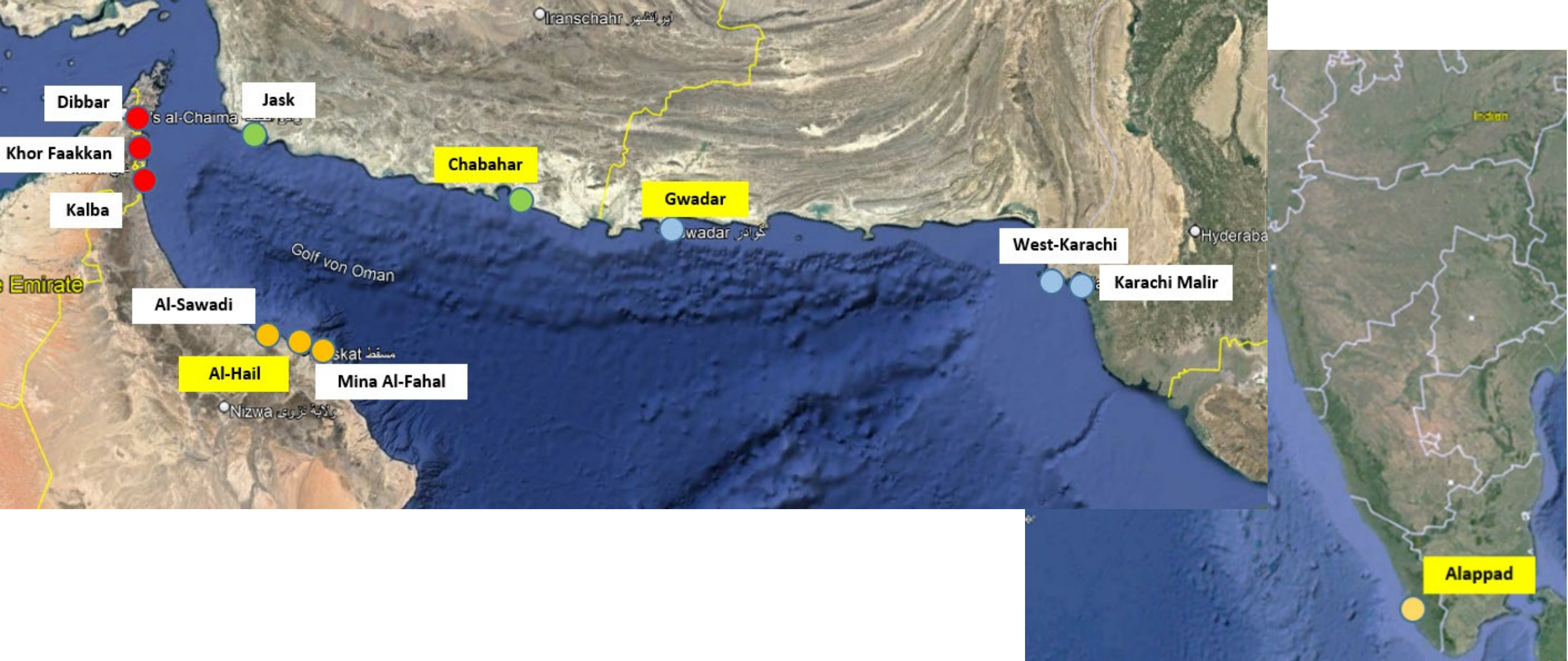
*North-West Indian Ocean Regional Workshops on
Tsunami Inundation Mapping and Evacuation Planning
Muscat, 21-25 April 2024*

Technical Guidelines

Results from Capacity & Gap Analysis 2022

	India	Iran	Oman	Pakistan
8. Are there any (official) technical guidelines on tsunami evacuation planning?	Green	Red	Red	Green
a) Overall concept for tsunami evacuation planning	Green	Red	Red	Red
b) Methodology for tsunami evacuation planning process	Green	Red	Red	Red
c) Technical guidance on terminology, risk and hazard assessment, zoning concepts, evacuation routes, evacuation sites or building	Green	Red	Red	Red
d) Guide on developing a Tsunami Evacuation Map (i.e. based on Inundation Map, Topography, Distance from the coast etc.)	Red	Red	Red	Red
e) Guidance and specifications for the design of tsunami evacuation maps	Red	Red	Red	Red
f) Specifications for the design of tsunami evacuation signage and signboards	Red	Red	Red	Red
g) Arrangements for receiving official tsunami early warning 24/7	Green	Red	Red	Green

TEP Pilot Areas

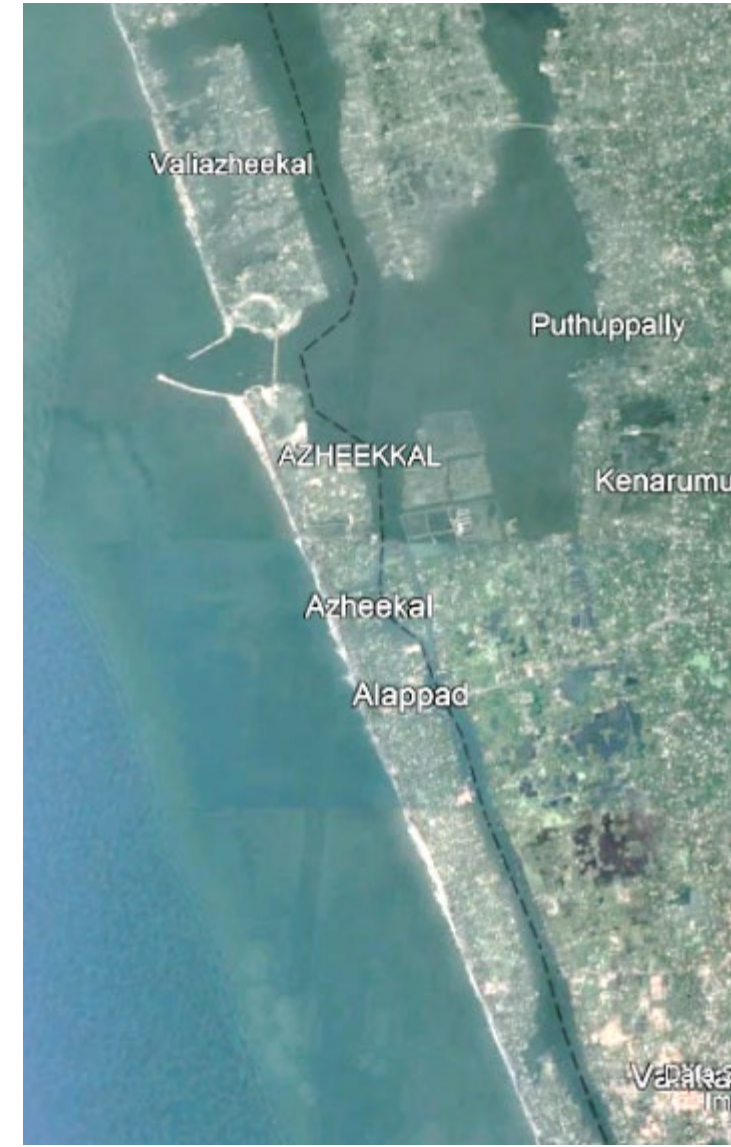


Case for TEP Training – Alappadu / India

Basemap of Alappadu



- Situated on a narrow strip of land sandwiched between the Arabian Sea and the TS Canal – the village is approximately 16 km long
- Portions of the village were damaged during the 2004 tsunami and several people lost their lives
- Difficult to evacuate area, but approx. 3-4 hours warning time from MSZ or Sunda Trench



Case for TEP Training – Chabahar / Iran



نقشه مسیرهای فرار سونامی در بندر چابهار
(Tsunami evacuation map)

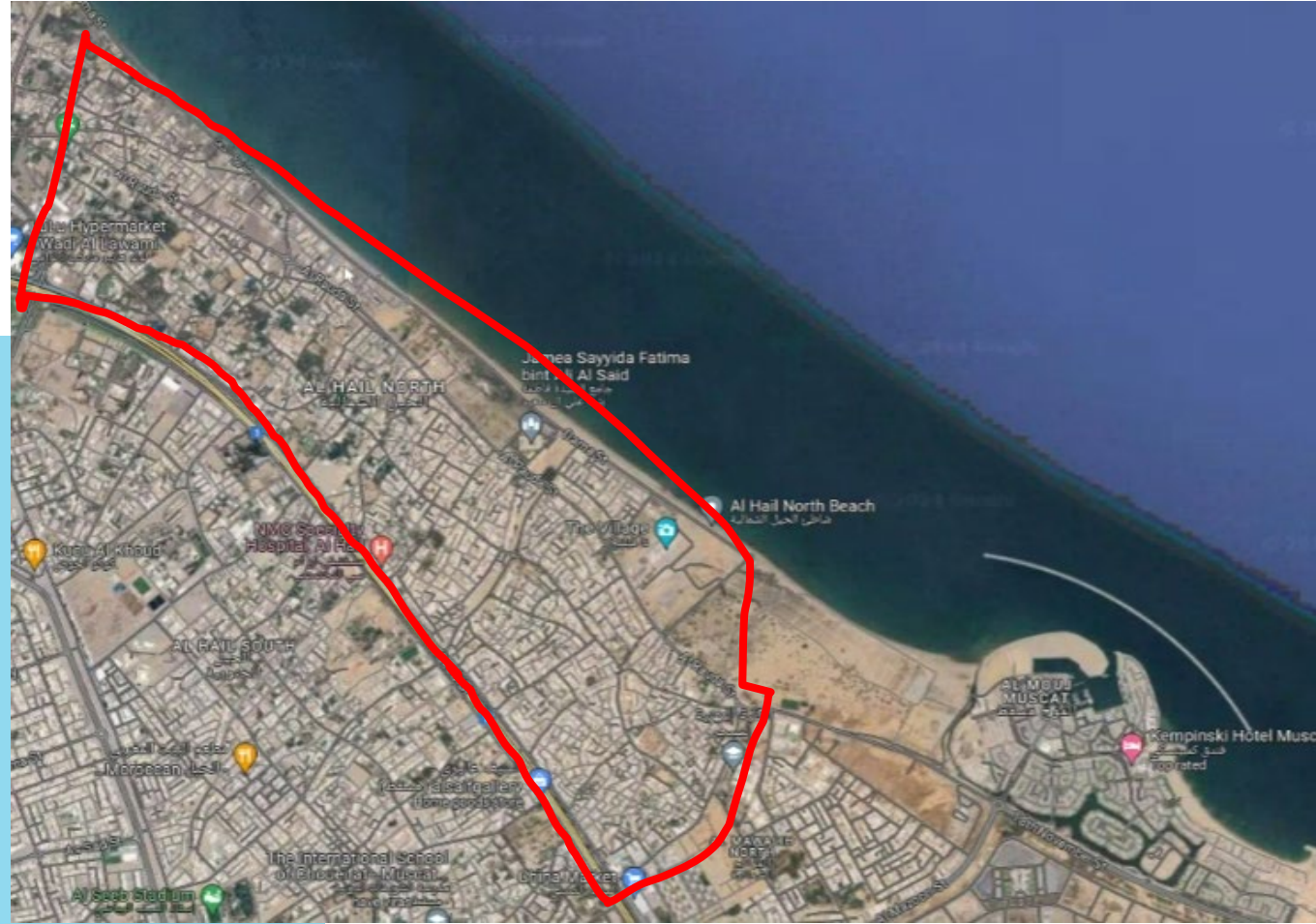
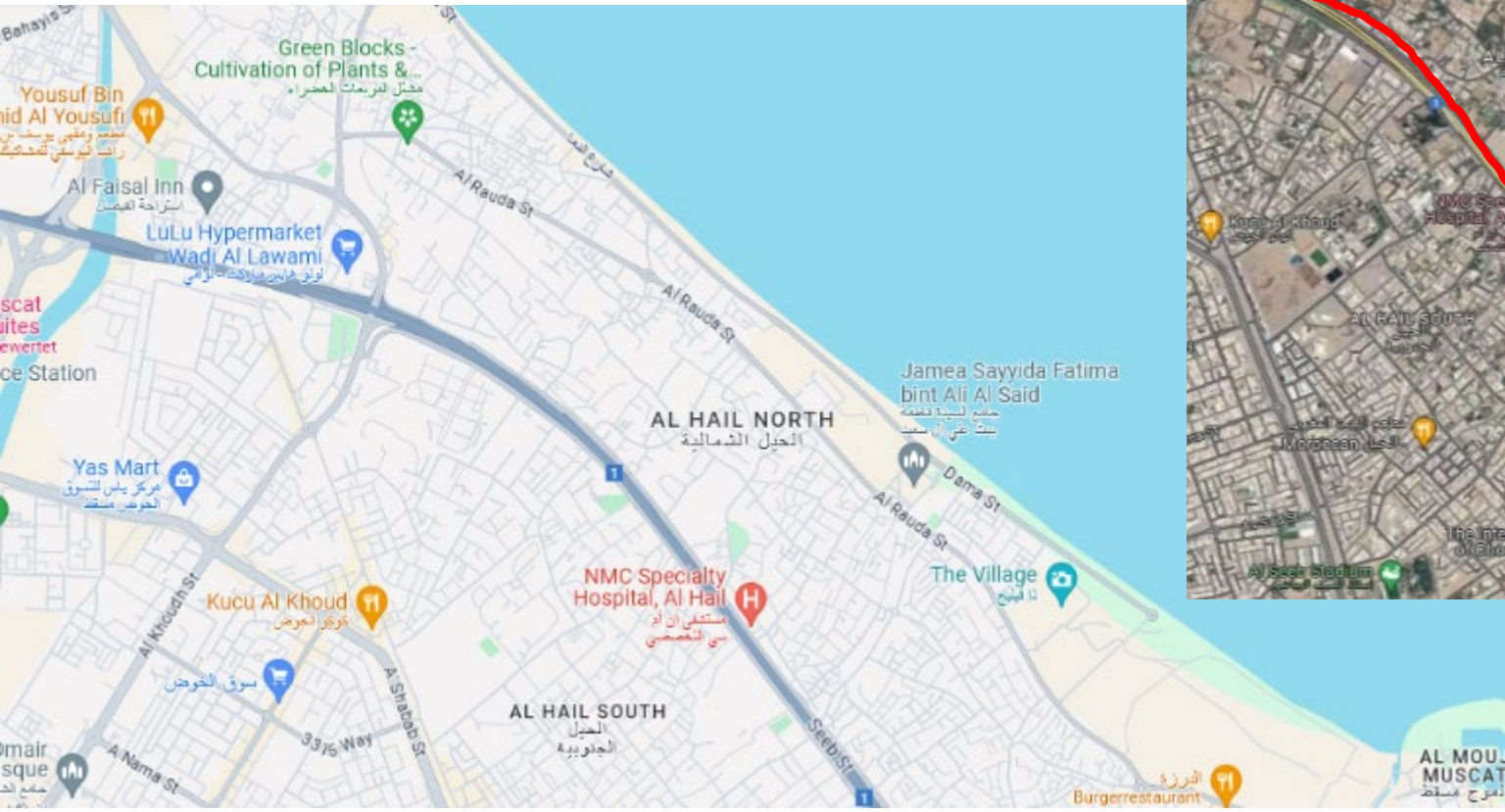


راهنمای نقشه

- محدوده آبگرفتگی
- مسیر فرار

Case for TEP Training - Al Hail North / Oman

Site Visit on Tuesday afternoon!

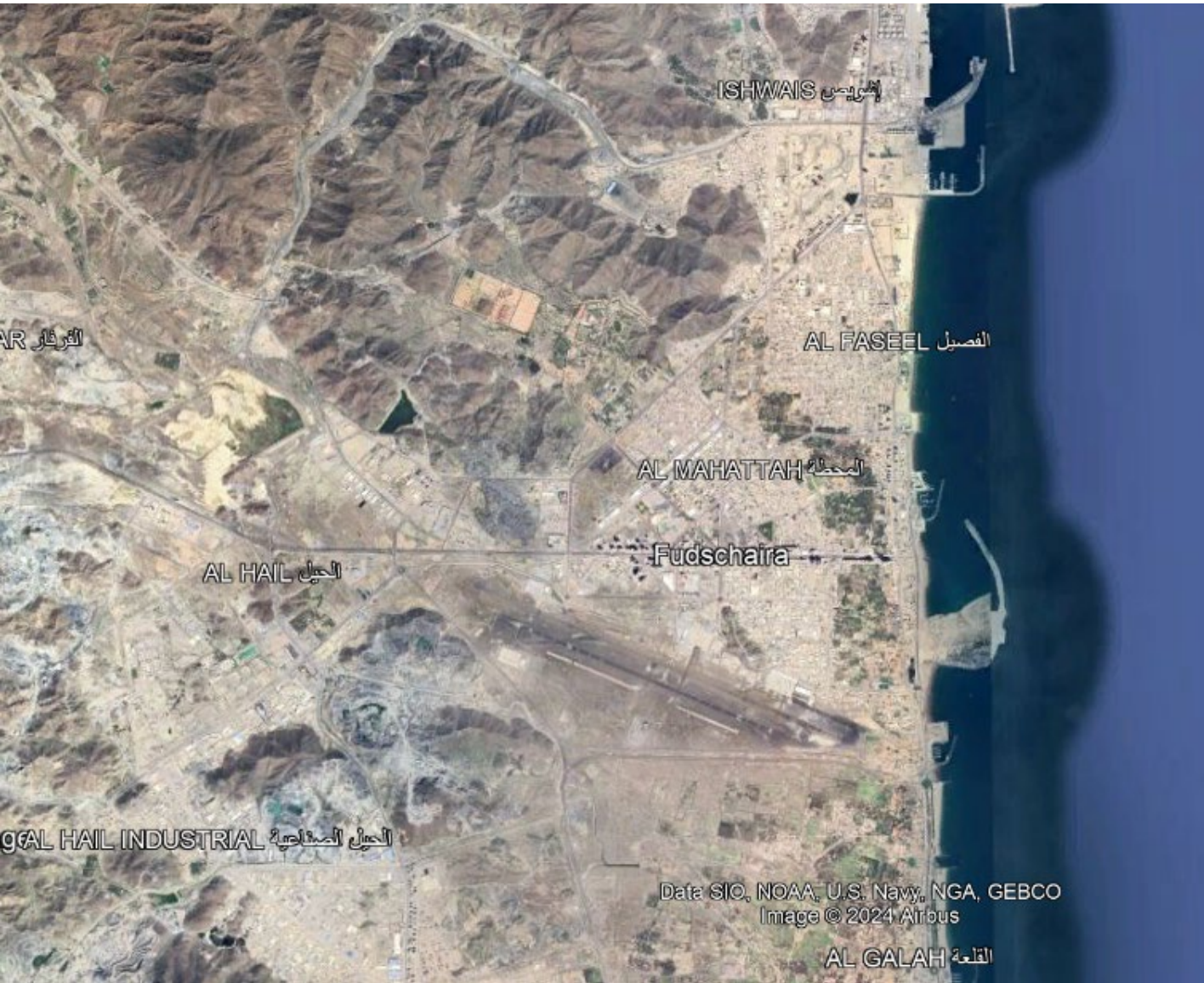


Case for TEP Training – Gwadar / Pakistan



- Situated on a 12 km long, narrow and sandy isthmus which connects the 150 m tall Gwadar Promontory to the Makran coastline
- A population of 300.000+, Gwadar Port and an industrial free zone are important features in the area
- Can be impacted by tsunamis from both sides and considered as “Difficult to Evacuate” area

Case for TEP Training - Fujairah / UAE





THANK YOU