



Risk assessment analysis on offshore platforms in South East Mediterranean (RAOP-MED)

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WP7: Impact Damage Assessment

Activity 7.1: Oil response equipment data collection (NCRD, OC-UCY, IOLR,)

Report : Preparatdess and response to oil pollution accidents by the east Mediterranean countries: Cyprus ,Egypt, Israel, Lebanon, Syria and Turkey

Activity 7.2: Bi and multi-lateral agreements (OC-UCY, IOLR, MSS)

Report :International and regional conventions and protocols for prevention control and combatting oil pollution-Status of their enforcement by Cyprus, Egypt, Israel, Lebanon, Syria and Turkey

Activity 7.3: Oil spill forecasting analysis for impact assessment:

We carried out oil spill predictions for 10 locations of planed offshore platforms at the EEZ of Cyprus, from 1 existing platform at the EEZ of Egypt and another 1 from Aphrodite field at EEZ of Cyprus.

A relevant publication has been published.

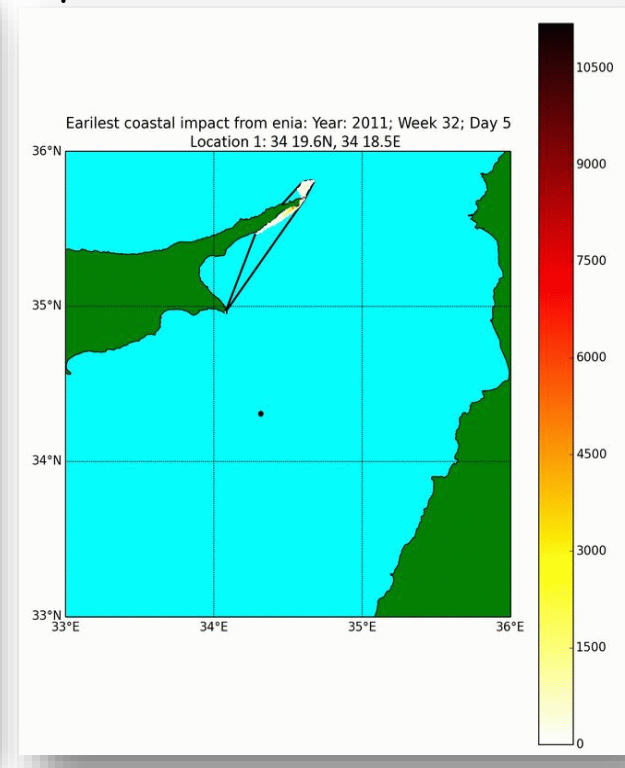
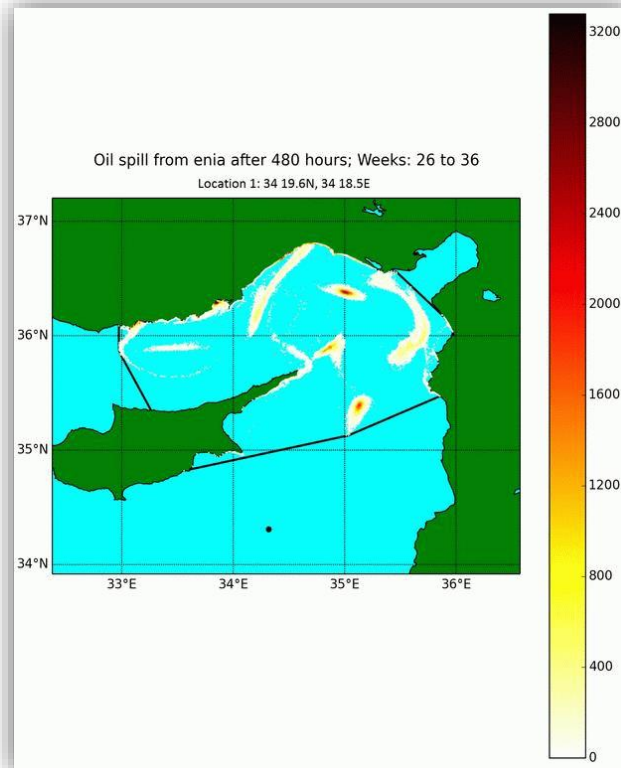
Example of oil spill forecasting from 10 planned offshore platforms

Oil spill animation for each location from June - September, as average for the summer, for the years 2010-2013

First impact from offshore platform in the Levantine



10 planned locations in the Levantine Basin

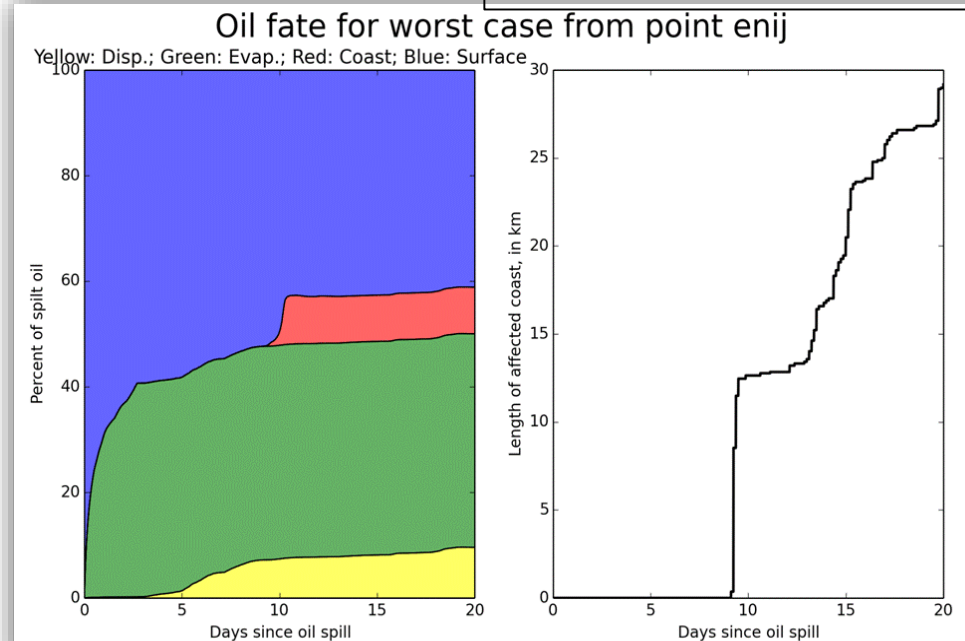
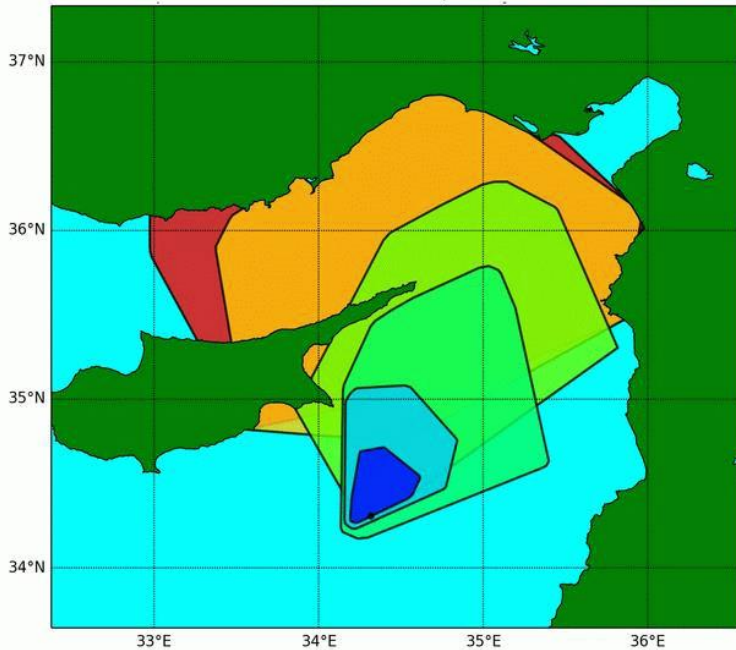


Example of oil spill forecasting from 10 planned offshore platforms

Dispersion and State of the oil

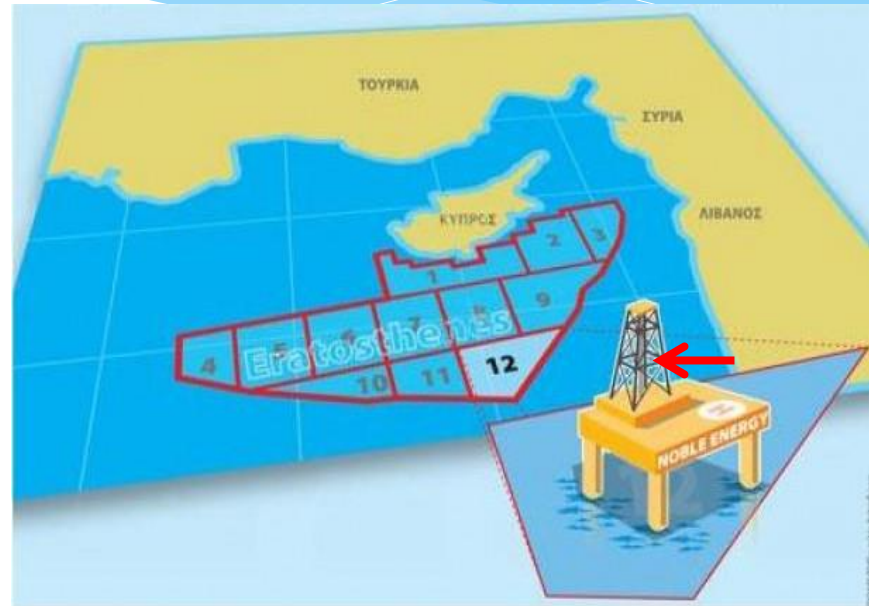
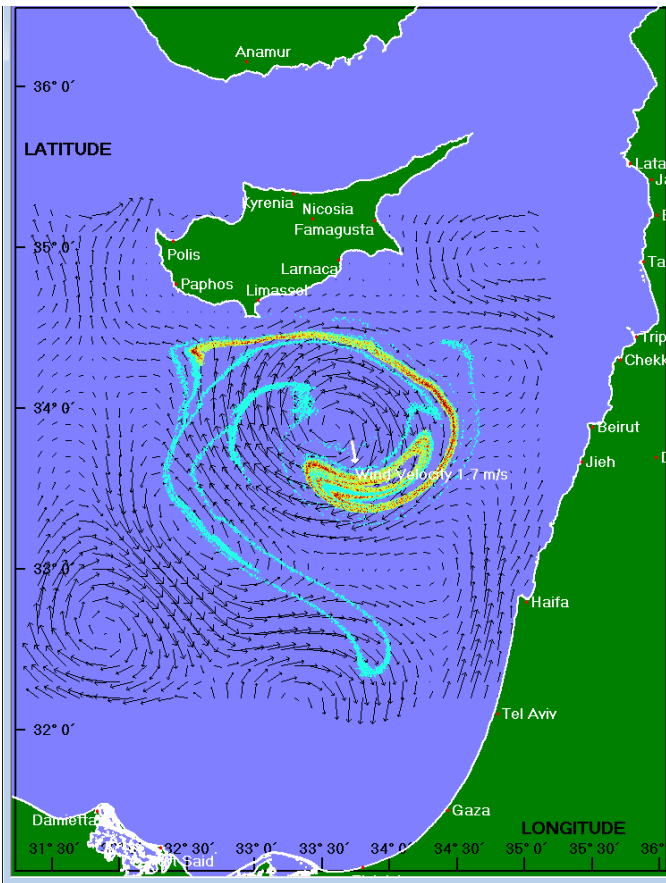
Yellow: Dispersion
Green: Evaporation
Red: on the Coast
Blue: on the Surface

Oil spill from enia after 1, 2, 4, 7, 14, 20 days; Weeks: 26 to 36 (from June-September)
Location 1: 34 19.6N, 34 18.5E



The oil fate and coastal length for the worst scenario from the location 10.

Example of oil spill forecasting from an existing offshore platform at EEZ of Cyprus



Preliminary oil spill forecasting at the "Aphroditi" well (predictions from 1-30/5/12)