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TRAINING SLIDES

MANIFESTS DSS: COPTool

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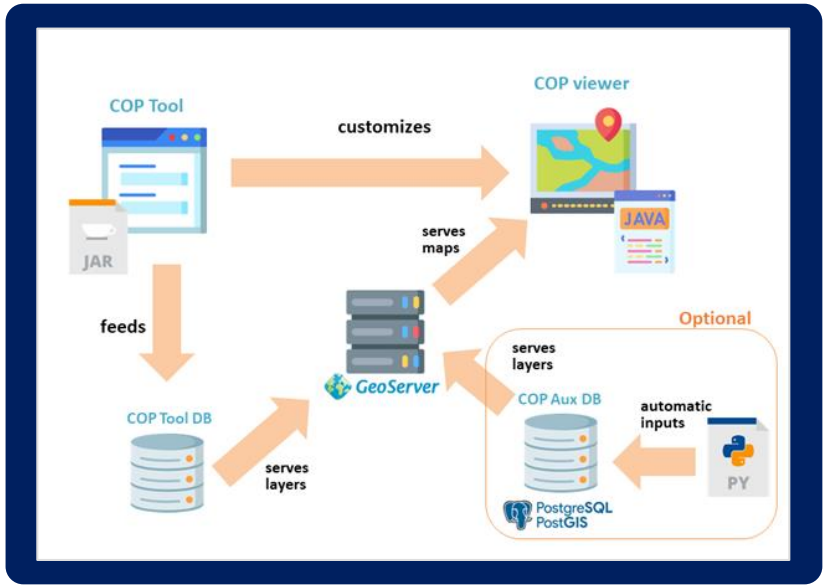
1 OVERVIEW OF THE TOOL

PROBLEM STATEMENT

During a contingency, the relevant information to support the fight against the pollution varies and is dispersed. The purpose of this tool is to ensure that all actors involved in crisis management have access to the same data, including standard reports, images, satellite observations, model simulations, and other georeferenced data collected by response teams.

OBJECTIVE

Web-based platform that creates and manages Common Operational Pictures (COPs) during maritime pollution events, particularly those involving Harmful and Noxious Substances (HNS).



DATA USED

Geographical layers shared using WMS, WFS or GeoJSON with information about the contingency: coastline, bathymetry, environmental resources, pictures, POLREP reports, etc.

HOW IT WORKS

COPTool centralizes information from various sources and distributes it to different users based on their roles and security clearance. There are two interfaces:

1. **COPTool:** The core application for user management and information control.
2. **COP Viewer:** The interface for exploring maps and data related to contingencies.

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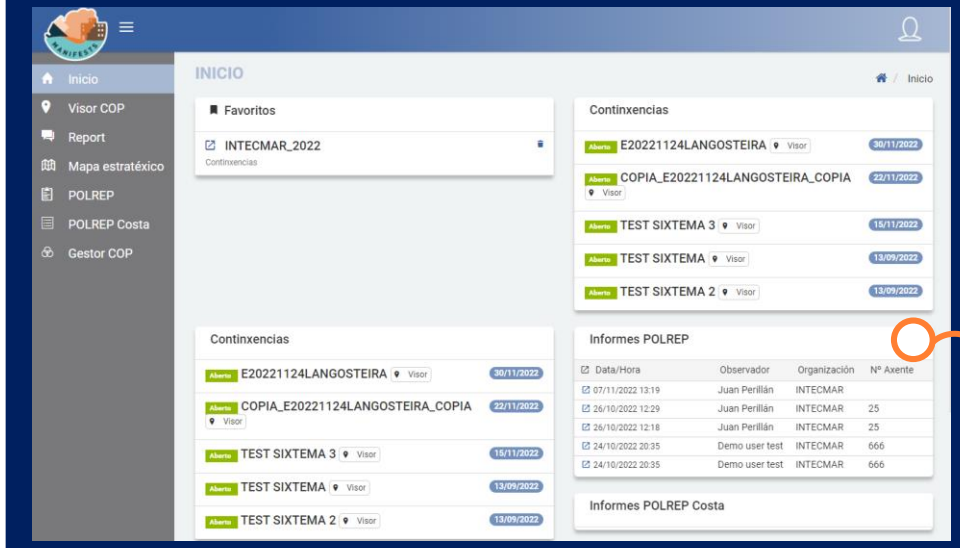
2 HOW IT WORKS & KEY RESULTS

USE CASE

During an exercise of HNS contingency, several information is shared along the participants: HNS cloud forecast, boom locations, response ship's locations, spill oil forecast, etc. All the user can access to an initial web app to chose the available COPs. Then, they can explore in a map viewer the different shared information of the exercise.

OUTPUT EXAMPLE

COPtool initial screenshot after user validation.



COP Viewer showing different information of a contingency: dispersion of a simulated cloud, boom locations, means positions, etc