

OGC pilot in WaterInnEU



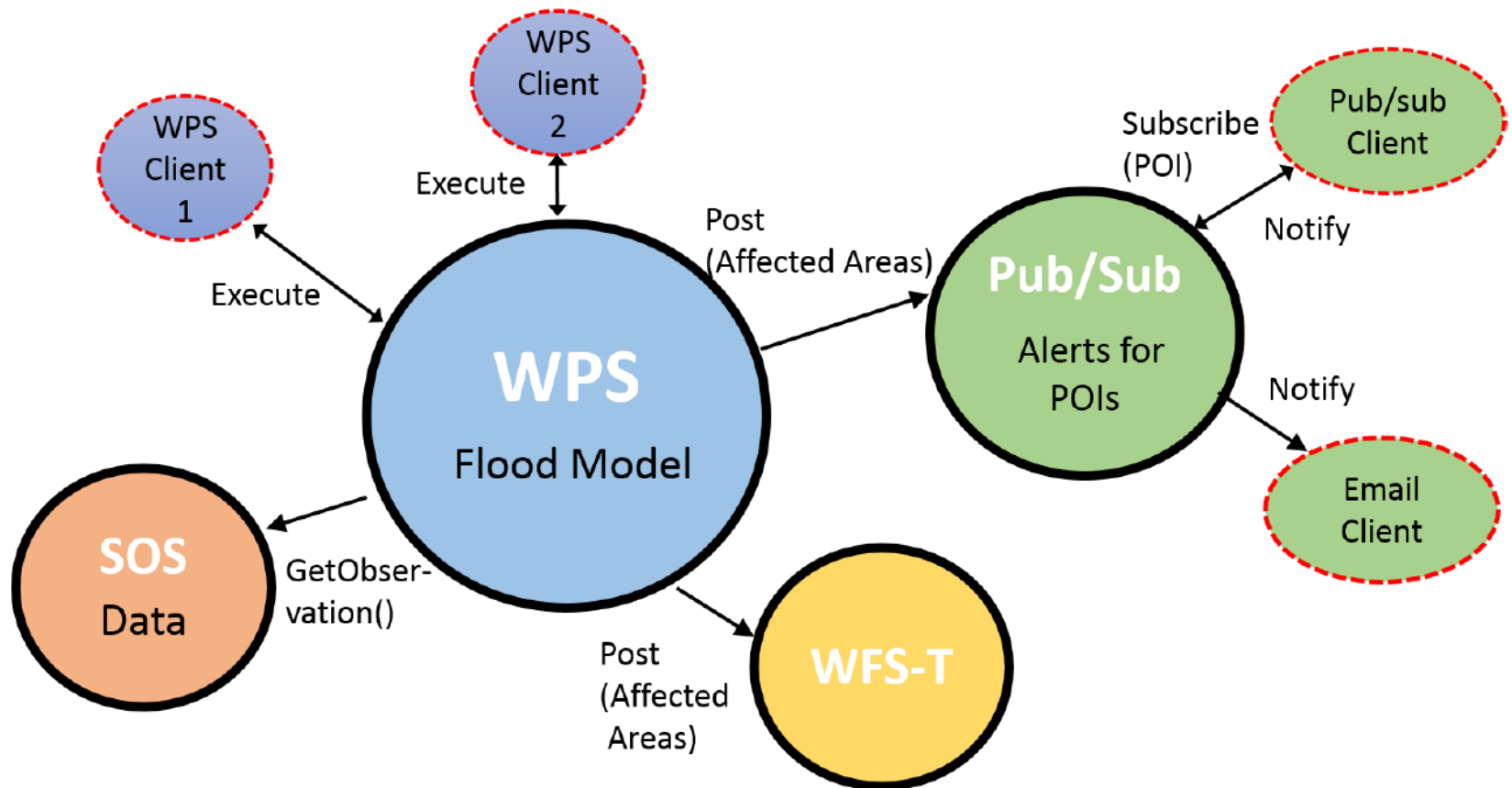
Water sector needs standards for:

- ❑ Exchange of geographic information at local and global levels
- ❑ Transmission of hydrological information to different agencies
- ❑ Alerting and notification between data/models providers and decision makers

WaterInnEU goals:

- It deals with integration and harmonization of the different tools and initiatives into a common framework applying the relevant standards (in the INSPIRE context as well as into the WFD)
- It determines where there is a need to make progress and conduct interoperability experiments

Architecture of the OGC pilot in a flood scenario





WaterInnEU WPS Clients

WaterInnEU WPS test

Scale: 3' 20.00" (1: 25 000 000) Coord: X,Y: 27,55, 40,00

WPS Setup Capabilities Processes Execute

WPS Setup and Configuration

This is the basic configuration-tab. To use Web Processing functionalities you first have to choose an available service and also specify it's vesion. With each re-selection (WPS or version), a GetCapabilities request will be executed. The capabilities response is then used to update the application and enable the remaining tabs. The tabs 'GetStatus' and 'GetResult' are permanently blocked for version 1.0.0.

Execute a process (WPS)

Operation to execute: Flood areas generation

Input parameters: Option: 3 River Basin identifier: Maritsa Date-time in ISO format: 2016-05-28T00:00

WPS Capabilities

This area gives an overview of general information about the chosen Web Processing Service. An overview of all processes can be accessed from the 'Processes'-tab.

WPS Processes

This area provides you with information about the selected process, divided in 'common information' and the 'inputs' and 'outputs' of the process.

Available Processes

Flood areas generation from a DTM and from measurements and stations provided

General Information

Title
Flood areas generation from a DTM and from measurements and stations provided (Option 1)

Identifier
MiraMon.Inundac:Param01:1

Description
Flood areas generation at specified data from a DTM and from measurements and stations indicated by the user (Option 1). The point station measurements are spatialized through Thiessen polygons.

Process -Version
1

Available Output Transmission Modes
["value","reference"]

Available Job Execution Modes
["sync-execute","async-execute"]

Success! The DescribeProcess request for the currently selected process was successful.

OGC
Making location count.