

“Citizens’ Observatories Infrastructures for Citizen Science and Crowd Sourcing - concepts, methodologies, apps and sensors with INSPIRE in mind” workshop



Luigi Ceccaroni
Lisbon, May 29th 2015



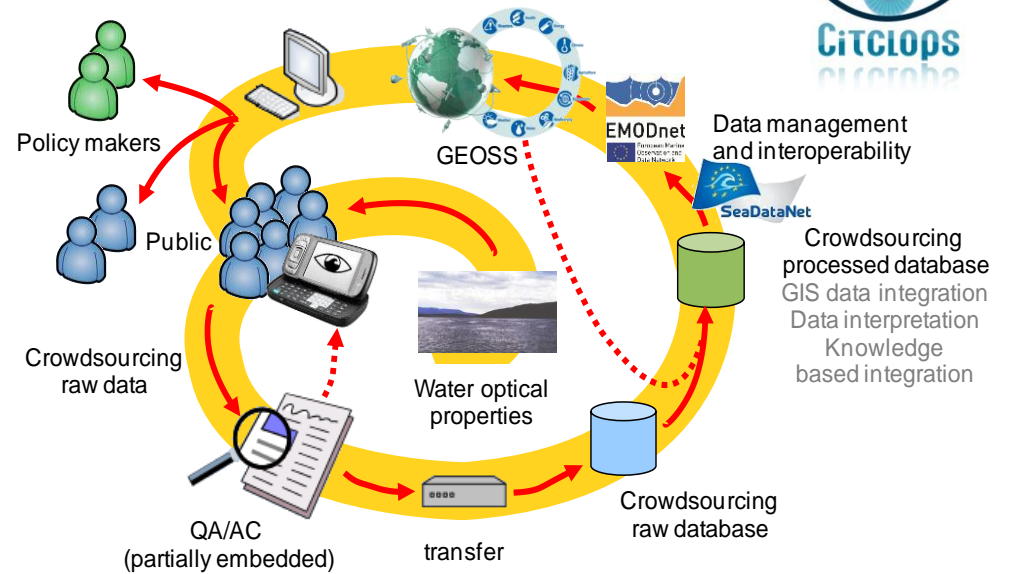
CiTcLOps

Citizens' observatory for coast and ocean optical monitoring



Objectives

- To enable citizens' participation in capturing data in **coastal and oceanic areas** through the use of existing devices, such as smart phones, as sensors
- To develop **low-cost** sensors and systems for monitoring water's **color, transparency and fluorescence**, and use them in combination with georeferencing and **context**





Citizens' observatory for coast and ocean optical monitoring



How to get the app

Google

citclops



citclops

citclops app

cyclops project

citclops eu project

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How to get the app

How to get the app. With the Citclops app you will... be more ...

Overview

Citclops project overview. Aquatic ecosystems are characterized ...

Newsletter

Below our latest newsletter. If you want to receive updates in your ...

[More results from citclops.eu »](#)

Documentation

Documentation. - Under construction
-. You will find here ...

App feedback

App feedback. Please give us a feedback. Did you find the APP ...

News & Events

Below a selection of important and relevant news and events. For ...



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How to get the app



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How to get the app

BLUE INFO DAYS A SUCCESS!



How to get the app

With the Citclops app you will...

- be more informed about the sea,
- be environmentally active doing coast-watching,
- enjoy more your favorite water activities.

If you have Android, [click here](#) and download the app or access directly through the QR code!



If you have iPhone, [click here](#) and download the app or access directly through the QR code!





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How to access the collected data



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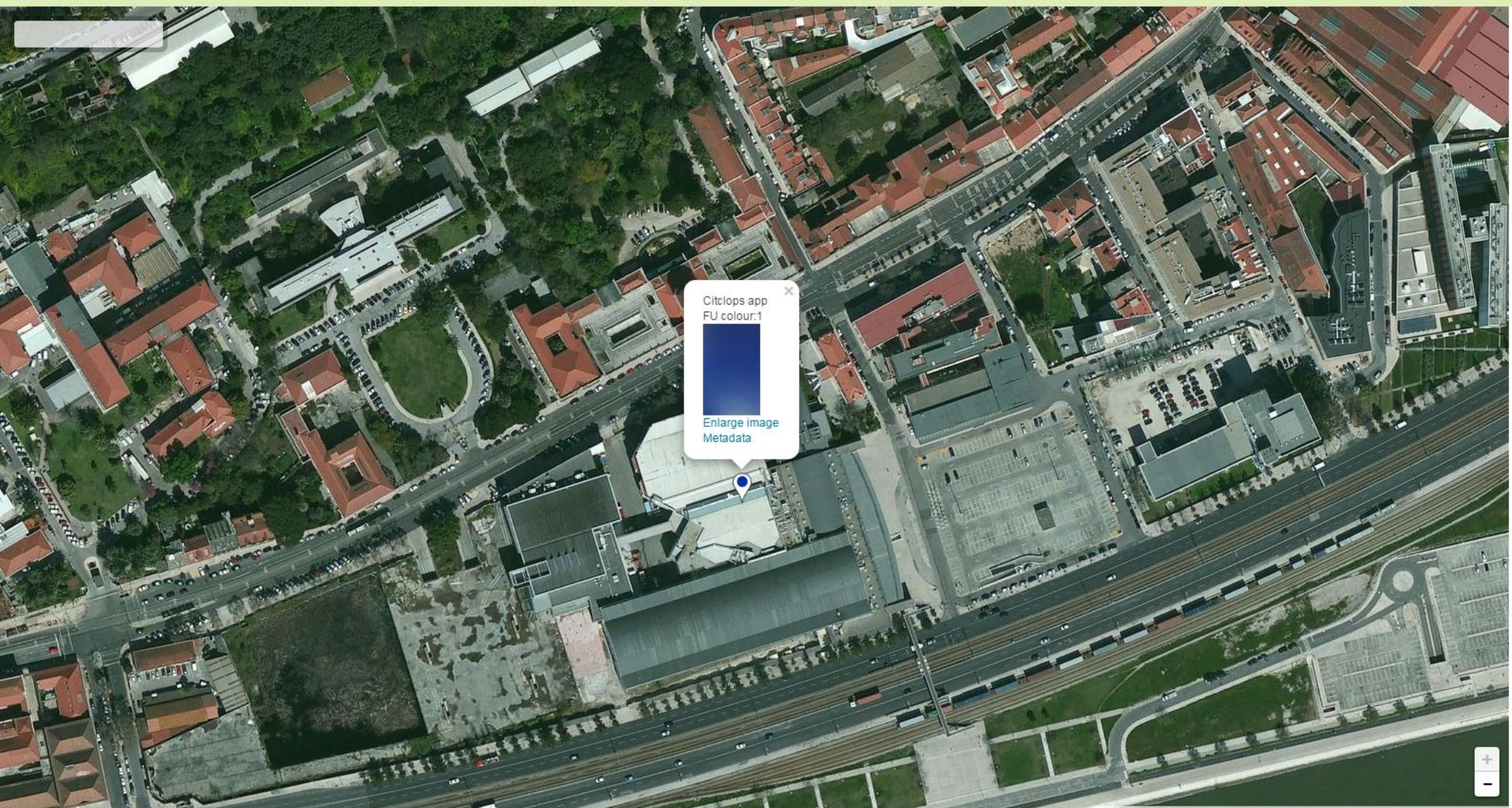
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How to access the collected data



[Citizen Observations](#) | [Marine Data Analyser](#) | [Marine Data Repository](#)

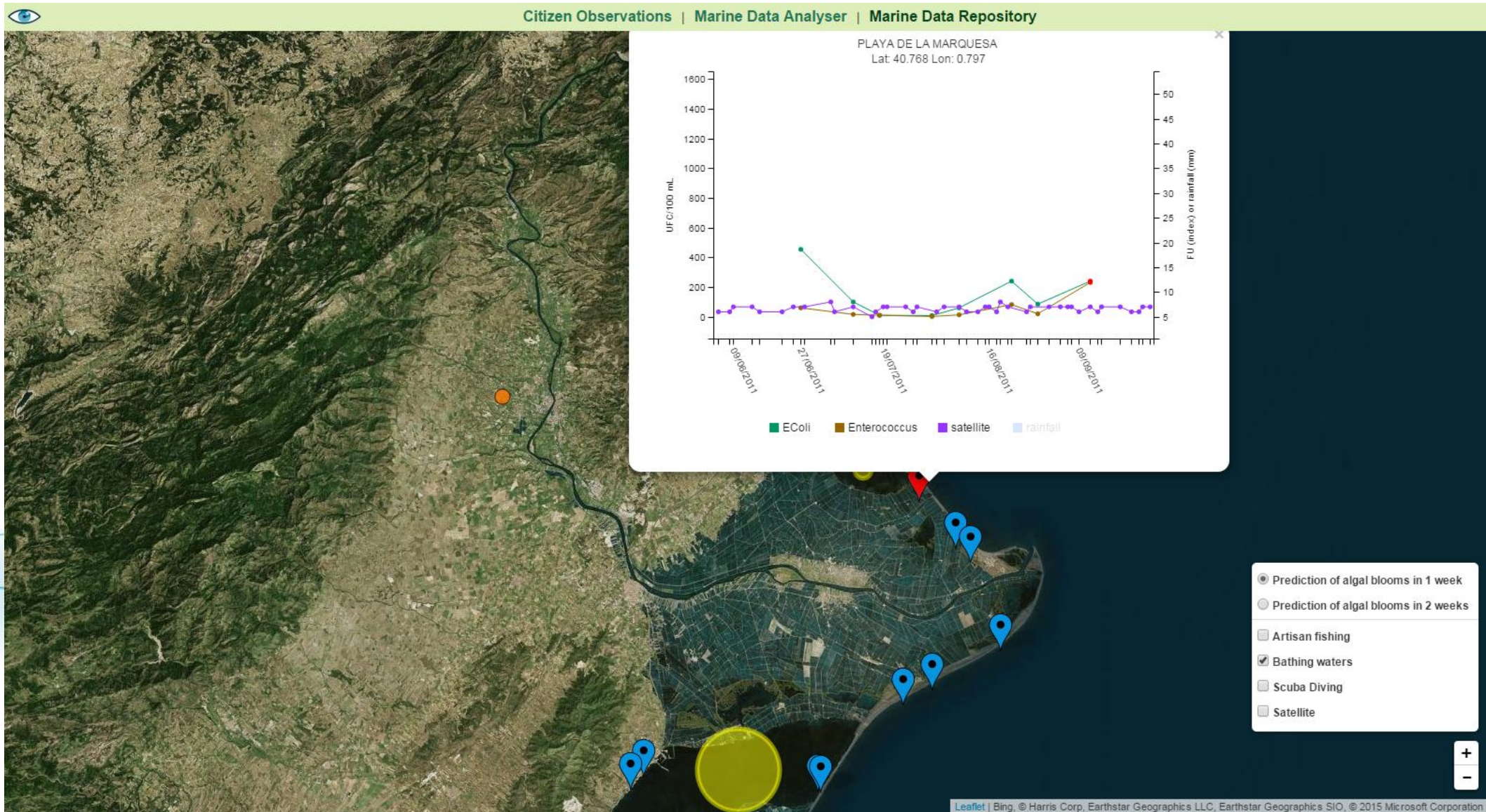


Citclops app
FU colour:1



[Enlarge image](#)
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How to access the collected data



Field name	Definition	Type	Multipli city	Reference code	Examples of codes
Datum_coordinate_system	Datum of the coordinate system. Default/Fixed = WGS84 (use SDN code list L101)	text	1	L101	4326: WGS84 (2D)
Flagging_reason_human	Output of humans saying why they are flagging something	text [1-16]	0-1		
FU_value_human_app	Value of FU colour reported by a human, via an app, using colour bars superposed to a picture	integer [1-21]	0-1		
FU_value_human_plastic_scale	Value of FU colour reported by a human using the colours of a plastic FU scale	integer [1-21]	0-1		
FU_value_machine_DQC	Value of FU colour reported by a machine using the the DQC algorithm applied to a picture	integer [1-21]	0-1		