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

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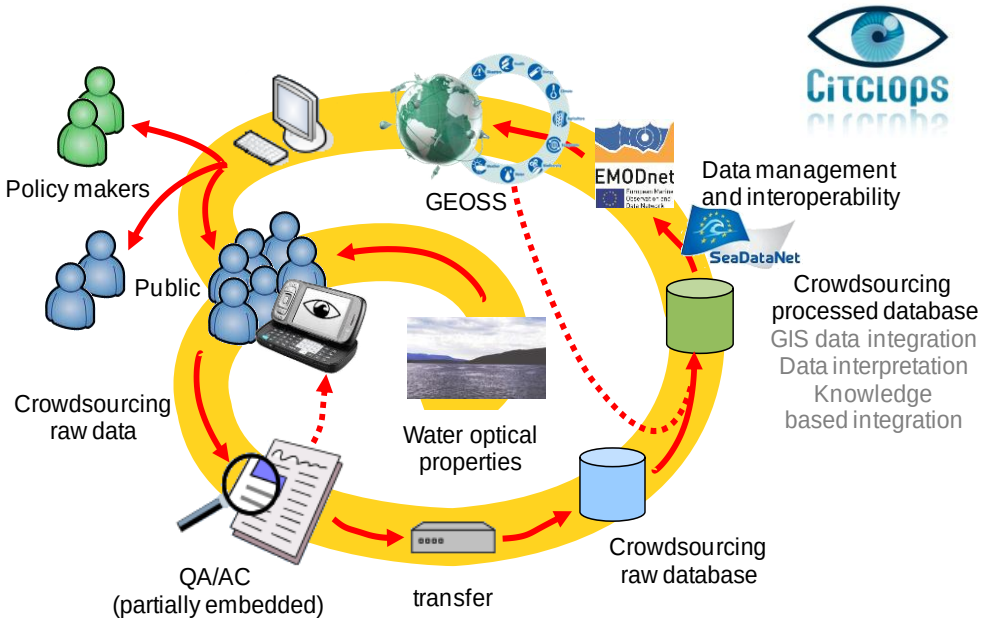
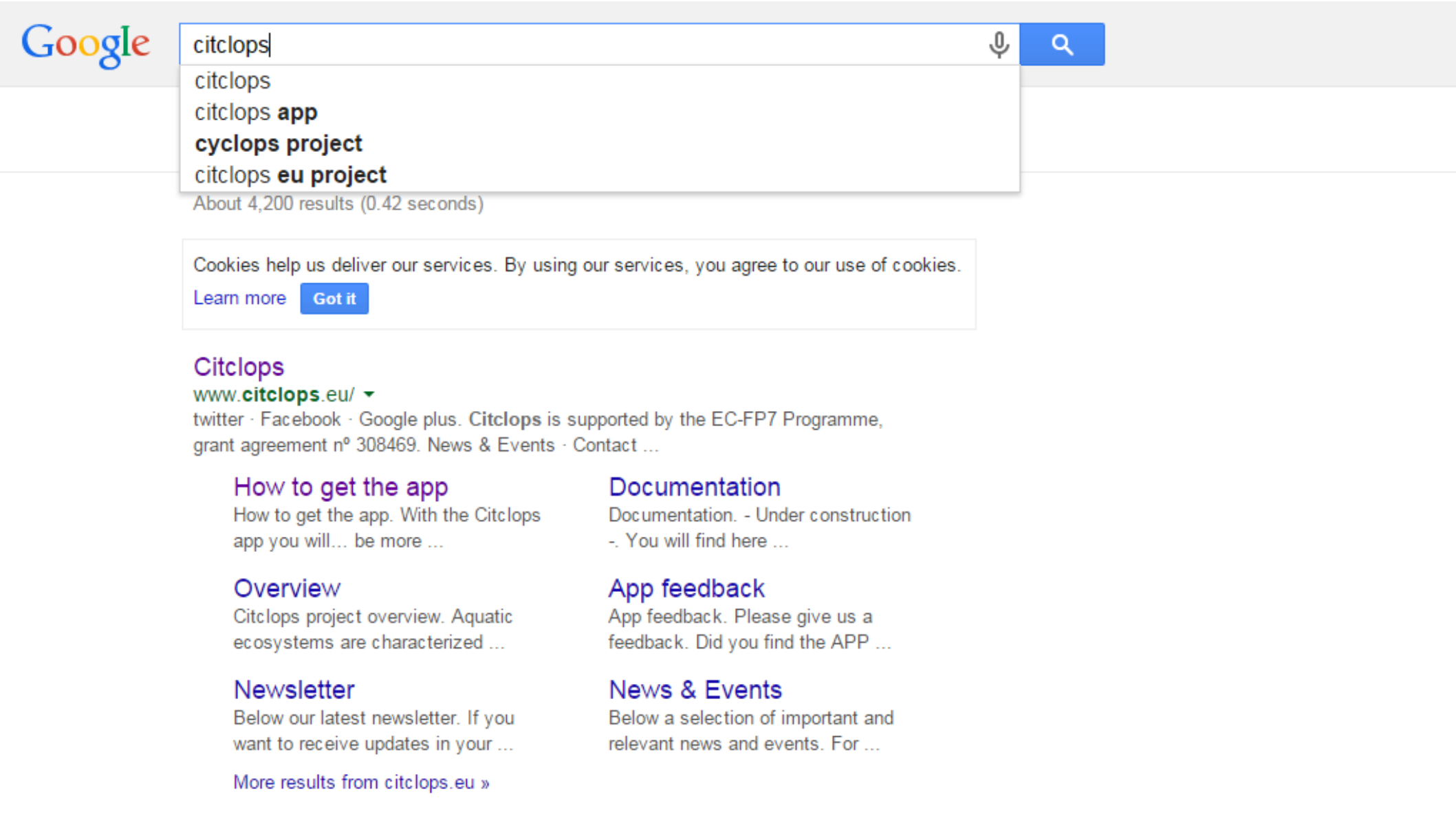
Citizens' observatory for coast and ocean optical monitoring

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**



How to get the app



Citizens' observatory for coast and ocean optical monitoring

How to get the app

Citizens' observatory for coast and ocean optical monitoring

How to get the app

BLUE INFO DAYS A SUCCESS!


Bürger sammeln Meeresdaten für Wissenschaf

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!

GET IT ON Google play

If you have iPhone, click here and download the app or access directly through the QR code!

Available on the App Store

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How to access the collected data

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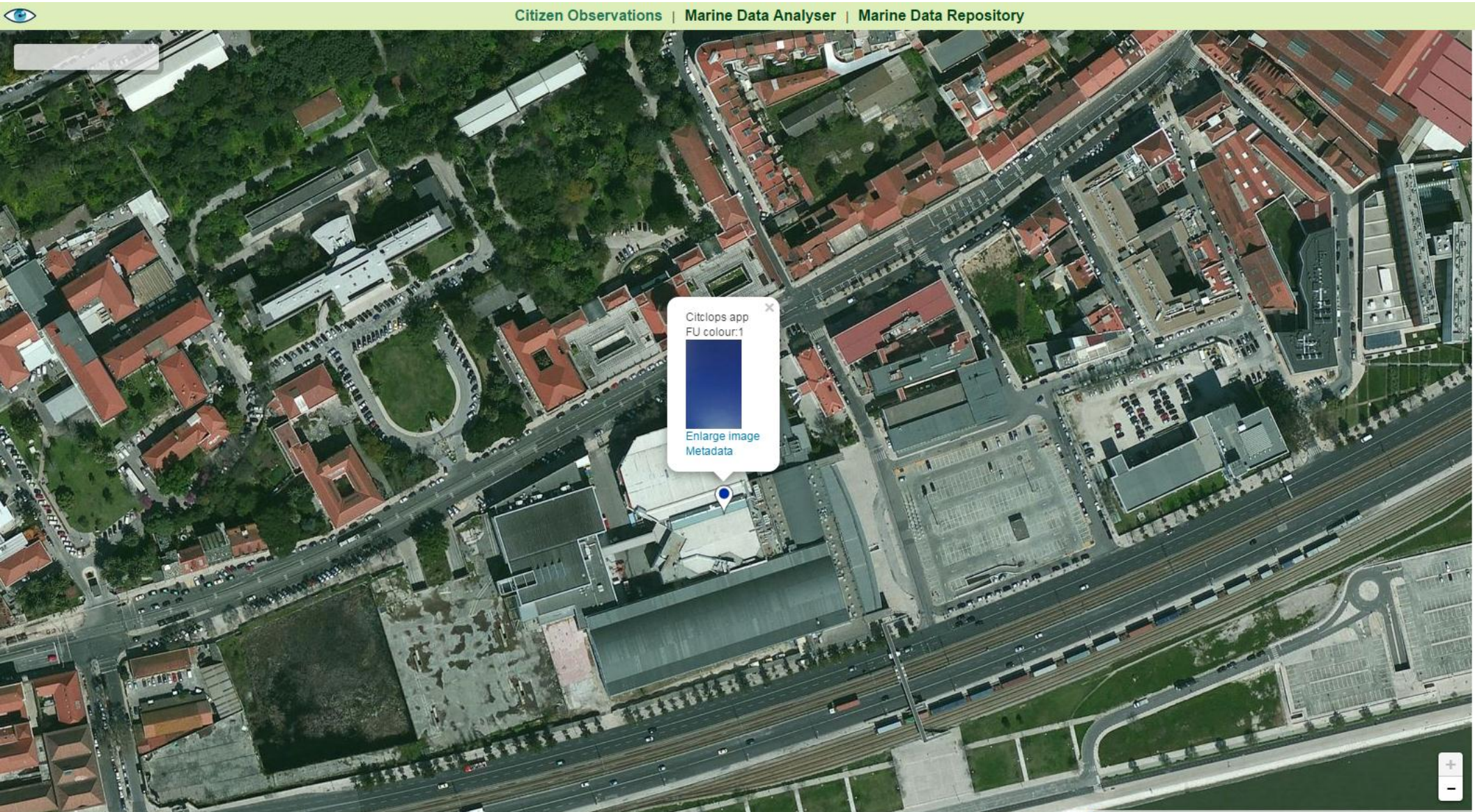
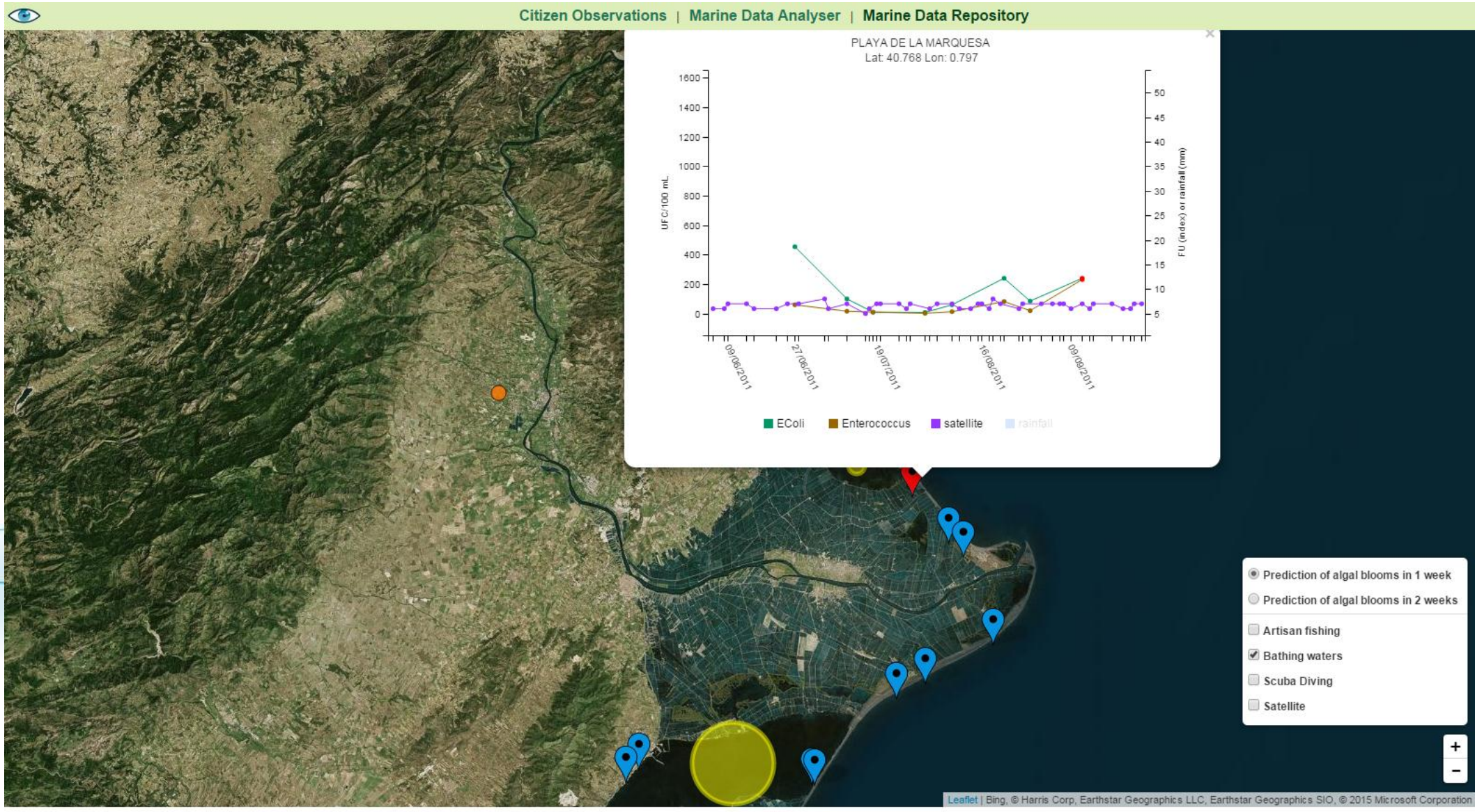


How to access the collected data



Field name	Definition	Type	Multiplicity	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		