

GROUP VALLETTA

**SEA STATE CONDITIONS AND TOURISM  
ACTIVITIES IN VALETTA MALTA**

# GROUP MEMBERS

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# INTRODUCTION

- ❑ Marine and Coastal tourism is a crucial component of the Blue Economy (JERICO-NEXT Summer School, 2018).
- ❑ Meteo Marine conditions is a major factor that could help in tourism planning and budgeting .
- ❑ Forecast made from available Meteo Marine factors could help in coastal destination planning in Maltese Island for the purpose of tourism.
- ❑ Sea states (e.g direction of currents, wave height, Jelly fish movement e.t.c) affects the experience at the beach,

## AIM AND OBJECTIVES

- ❖ Develop an application that will put up to date information into the hands of beach goers and other sea users.

### OBJECTIVES

- ❖ To identify the most optimal beach according to the Meteo-marine conditions forecast

# DATA SOURCES AND ANALYSIS

## DATA SOURCES

☐ COPERNICUS

☐ CALYPSO

## ANALYTICAL TOOLS

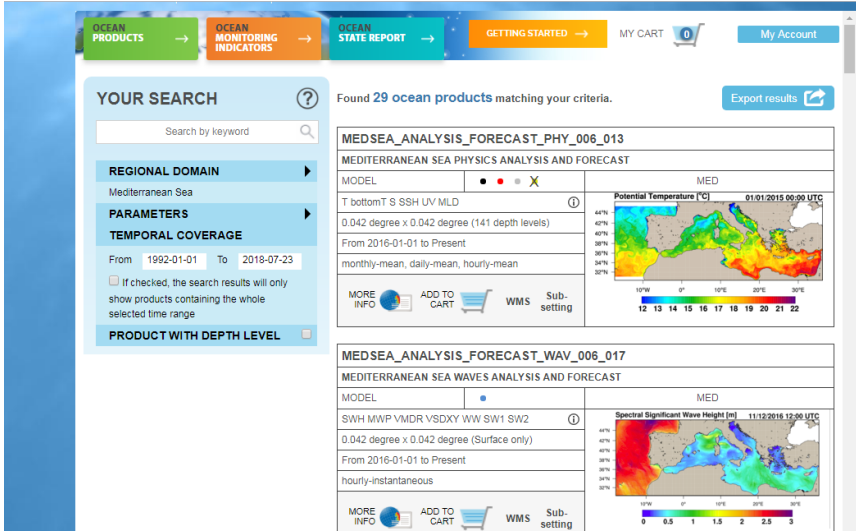
☐ MATLAB

☐ TEXTPAD (html code)

☐ GOOGLE MAPS

☐ OPEN STREET MAP

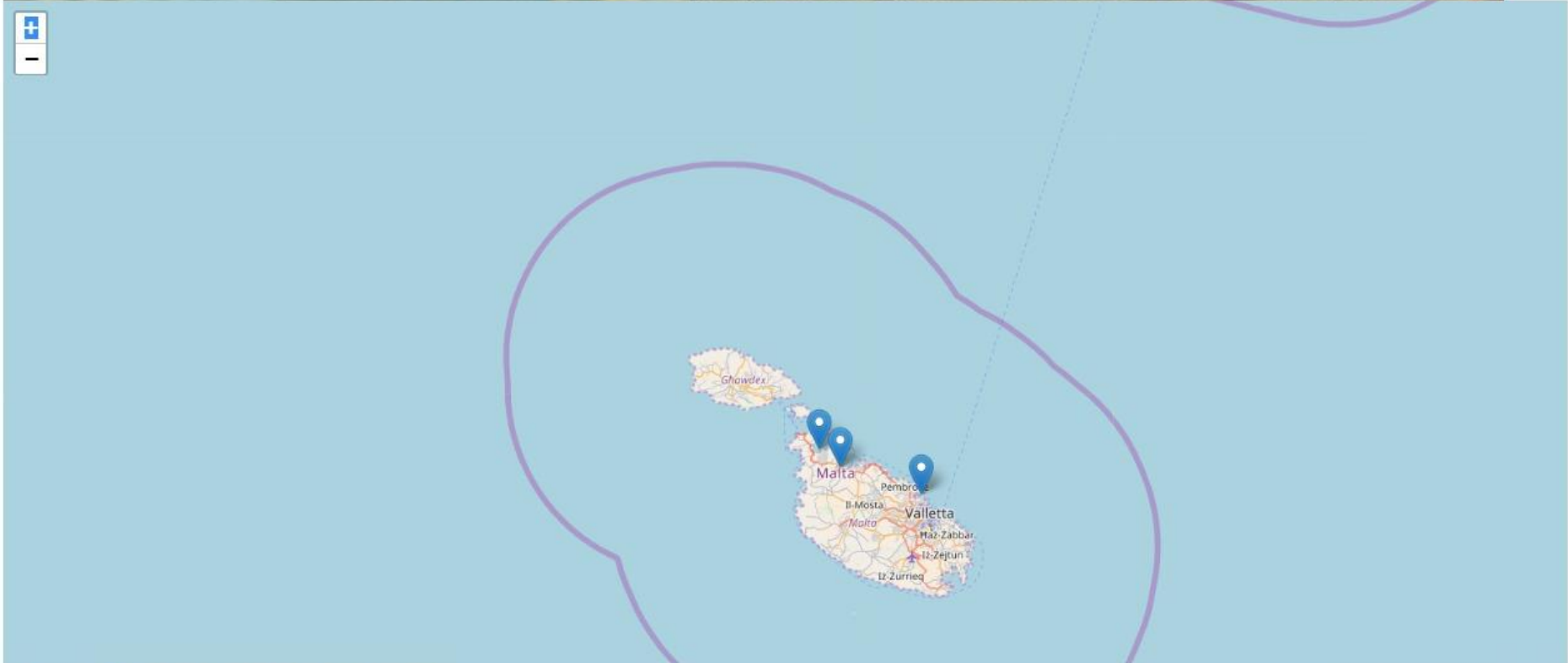


☐ BROWSER



# APPLICATION

file:///C:/Users/Jerico/Desktop/CtB/CBeach3.html

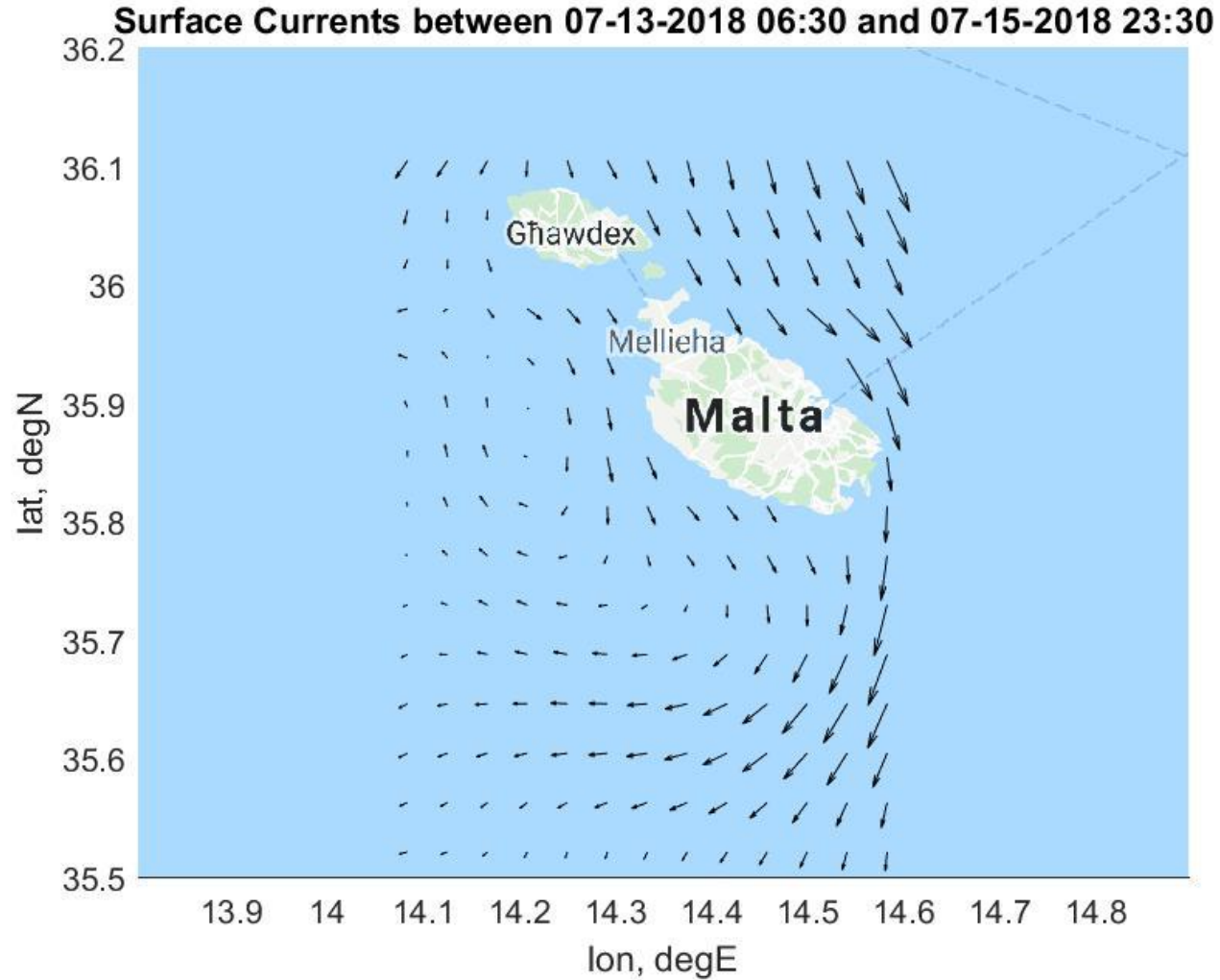
## Check the Beach



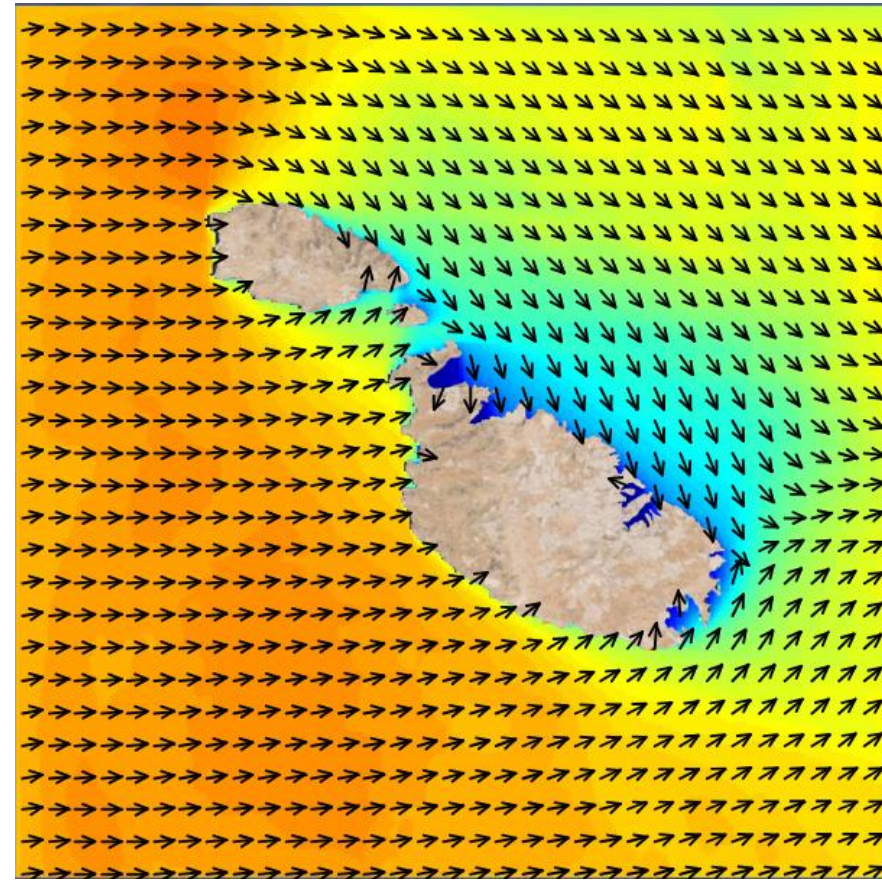
15:35  
13/07/2018

# Evaluating currents and wave heights

MATLAB results, using Copernicus  
SV04-MED-INGV-CUR-AN-FC-H PRODUCT



Calypso application results:



## RELEVANCE OF THE APPLICATION

- ✓ Provide short term forecast to aid planning
- ✓ Attract most demanding clients and initiative planned business activities and foreign investment
- ✓ Make extra profit on swimming, diving, surfing among others
- ✓ Increase general family welfare by developing and revitalization of various activities for particular beach