



EVALUACIÓN DE UNA IMPLEMENTACIÓN DE MODELADO OLEAJE-CORRIENTE PARA EL PRONÓSTICO OPERACIONAL DE CORRIENTES DE RESACA EN LA ZONA DE ROMPIENTES.

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28 DE OCTUBRE DE 2022

ESTRUCTURA

A



CONTEXTO



OBJETIVO



MODELO NUMÉRICO



RESULTADOS



FUTUROS TRABAJOS

ESTRUCTURA



CONTEXTO



OBJETIVO



MODELO NUMÉRICO



RESULTADOS



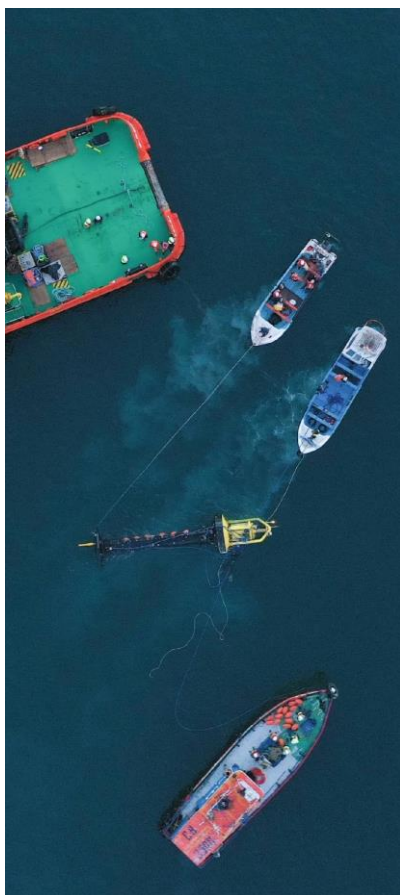
FUTUROS TRABAJOS

CONTEXTO

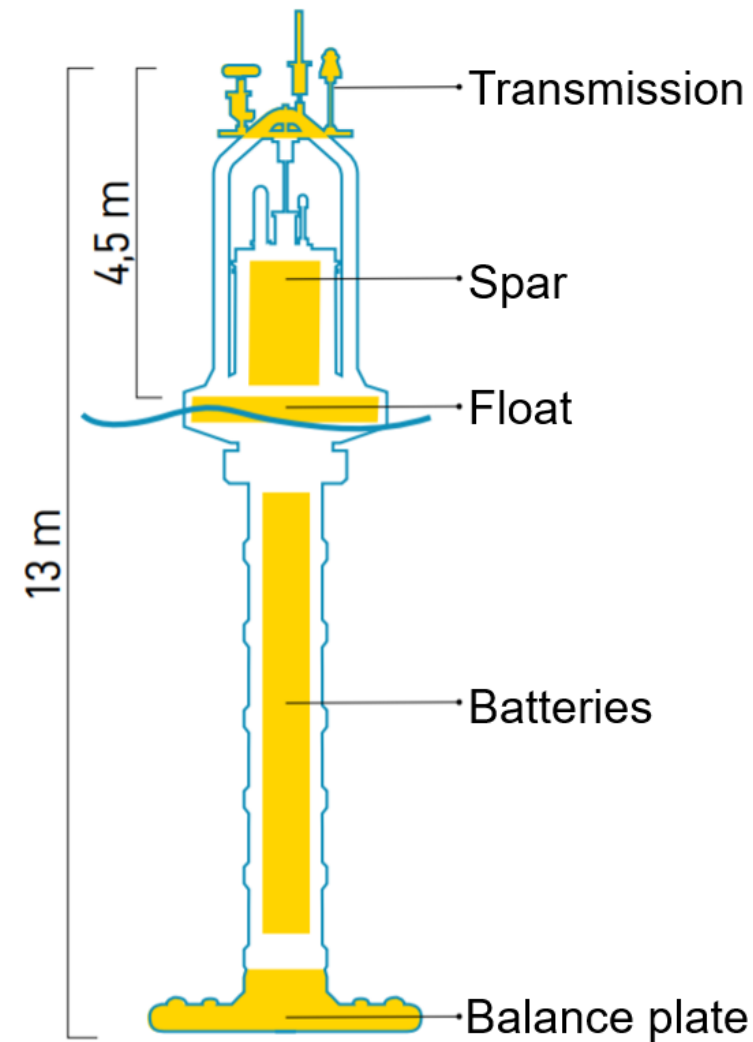
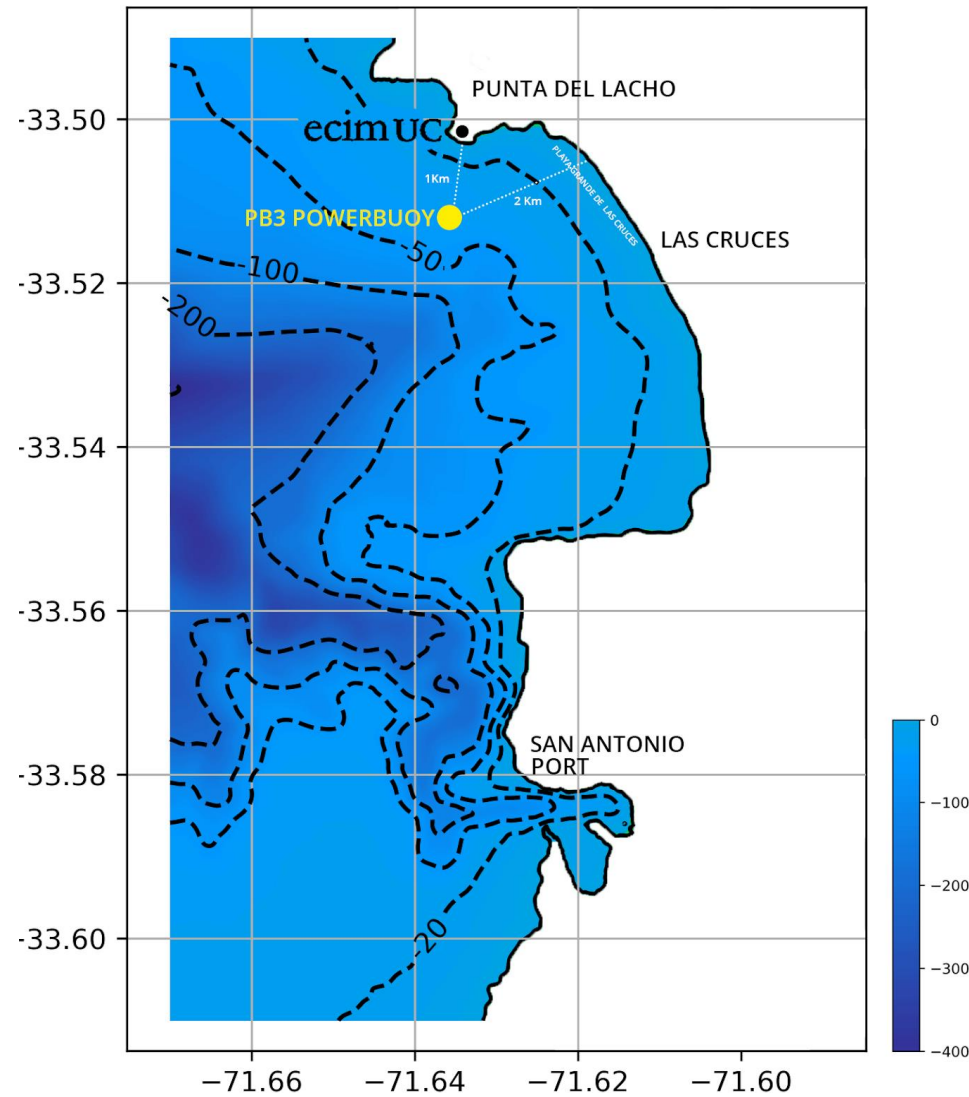


Impulsar el desarrollo de las Energías Marinas y la industria vinculada al mar, generando innovadoras oportunidades de negocio.

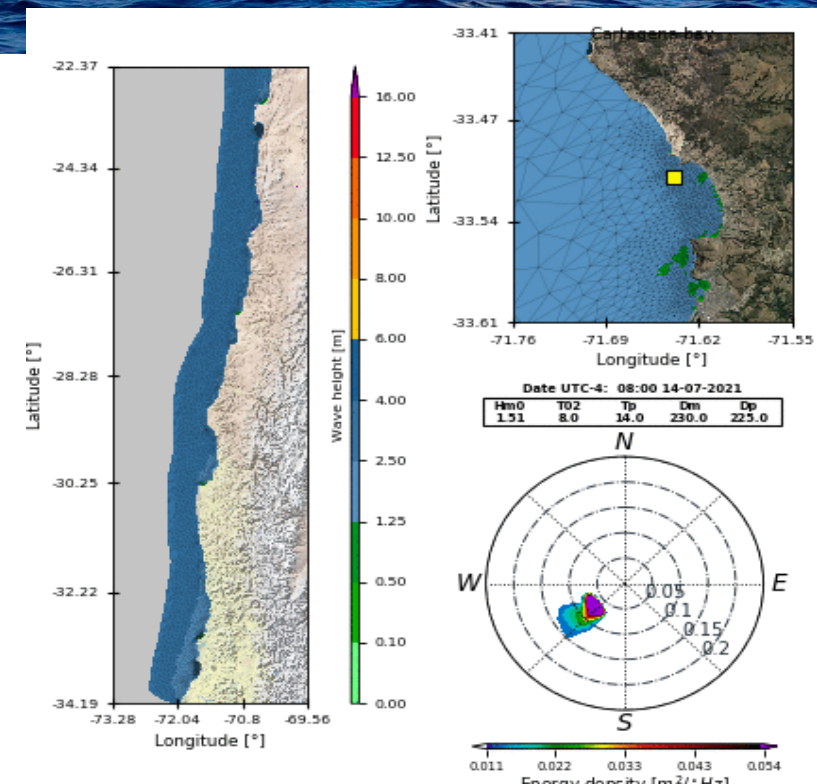
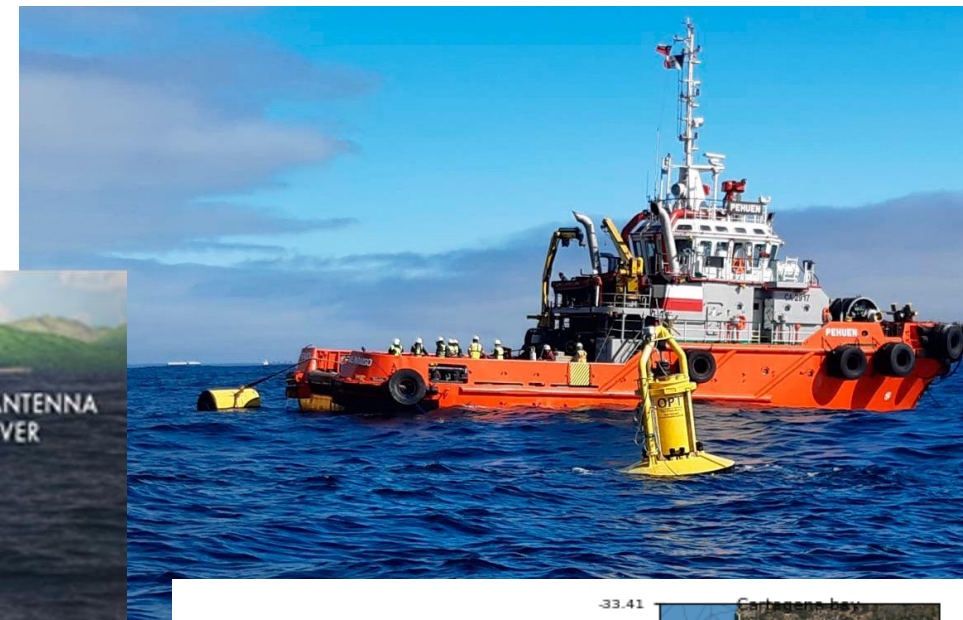
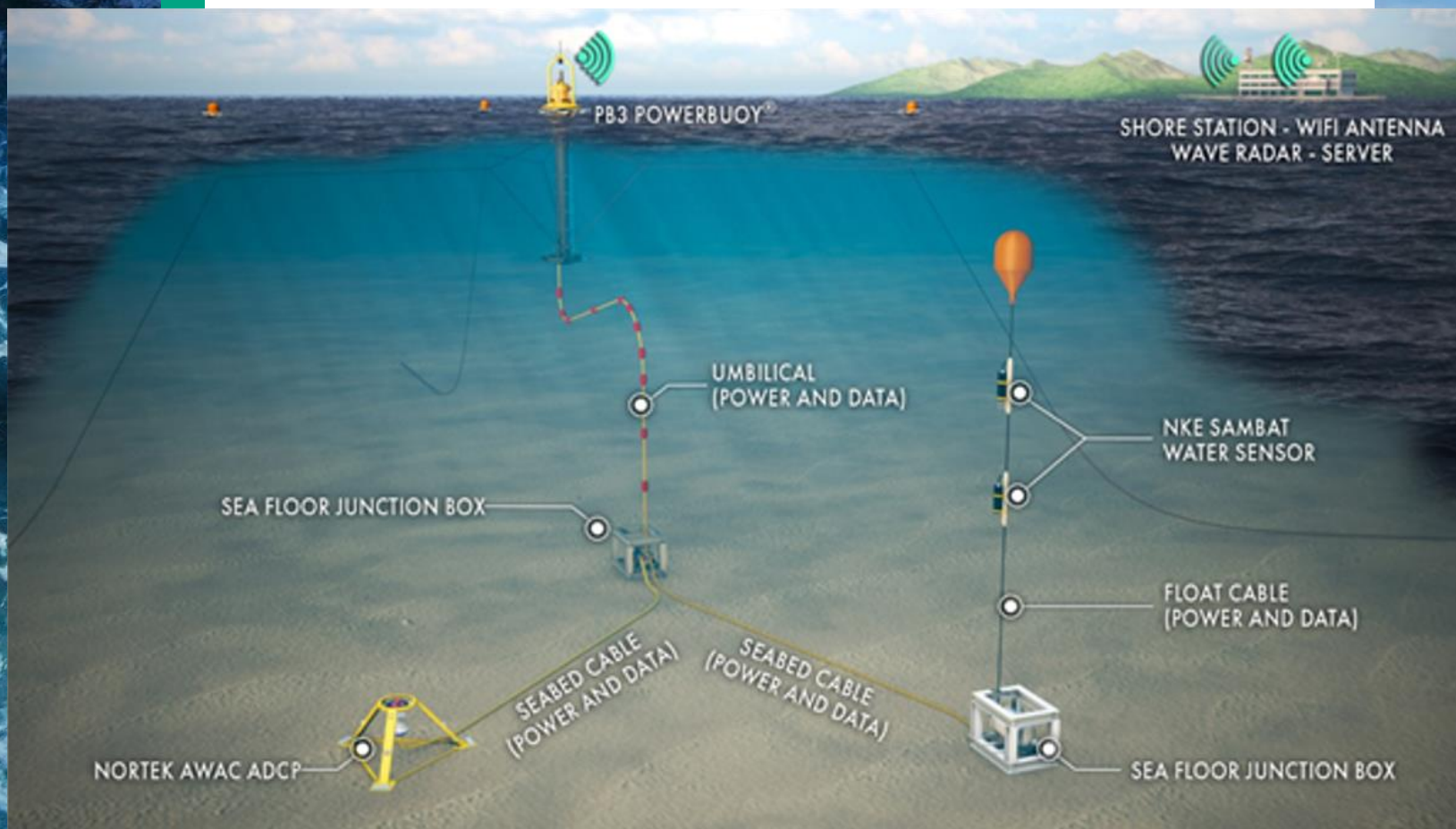
Creado en 2015 por:



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Cámara Monitoreo Costero

ESTRUCTURA



CONTEXTO



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RIP CURRENTS

Break the Grip of the Rip!

The diagram illustrates a rip current flowing from the beach towards the sea. Four arrows point outwards from the current, labeled 'ESCAPE', indicating the recommended path for someone caught in the current. The current itself is labeled 'RIP CURRENT'.

The currents are powerful currents of water moving away from shore. They are strong near the damaged seawall and to the left.

IF CAUGHT IN A RIP CURRENT

- ♦ Don't fight the current
- ♦ Swim out of the current, then to shore
- ♦ If you can't escape, float or tread water
- ♦ If you need help, call or wave for assistance

SAFETY

- ♦ Know how to swim
- ♦ Never swim alone
- ♦ If in doubt, don't go out

More information about rip currents can be found at the following web sites:
www.ripcurrents.noaa.gov
www.aquas.org

Logos for NOAA and the U.S. Coast Guard are displayed at the bottom right.

PODES SOBREVIVER AO
YOU CAN SURVIVE A

AGUIRO

RIP CURRENT

SE SOUBERES AS OPÇÕES
IF YOU KNOW YOUR OPTIONS

The diagram shows a rip current flowing from the beach towards the sea. Four arrows point outwards from the current, labeled 'ESCAPE', indicating the recommended path for someone caught in the current. The current itself is labeled 'AGUIRO'.

AGUIROS SÃO CORRENTES PODEROSAS QUE SE AFASTAM DA COSTA
RIP CURRENTS ARE POWERFUL CURRENTS MOVING AWAY FROM THE SHORE

- ♦ EVITE AGUIROS, NADE PERTO DA ZONA DE QUEBRA DAS ONDAS
AVOID RIP CURRENTS, SWIM IN FRONT OF THE BREAKING ZONE
- ♦ PARA ESCAPAR DO AGUIRO, NADE PARALELO À PRAIA
TO ESCAPE A RIP CURRENT, SWIM PARALLEL TO THE BEACH
- ♦ NÃO RESETE, PEÇA AJUDA E MANTENHA A CALMA
DO NOT RESET, ASK FOR HELP AND STAY CALM
- ♦ CONSERVE ENERGIA, AS ONDAS ANIMAM A ESCAPA PARA A PRAIA
CONSERVE ENERGY, WAVES WILL ASSIST YOU BACK TO THE BEACH

**NA DÚVIDA, NÃO SAÍRE !
IF DOUBT, DON'T GO OUT !**

OBJETIVO



Evaluación de la
Implementación
de Modelado de
propagación de
oleaje para el
Pronóstico
Operacional de
Corrientes de
Resaca en la Zona
de Rompientes

ESTRUCTURA



CONTEXTO



OBJETIVO



MODELO NUMÉRICO

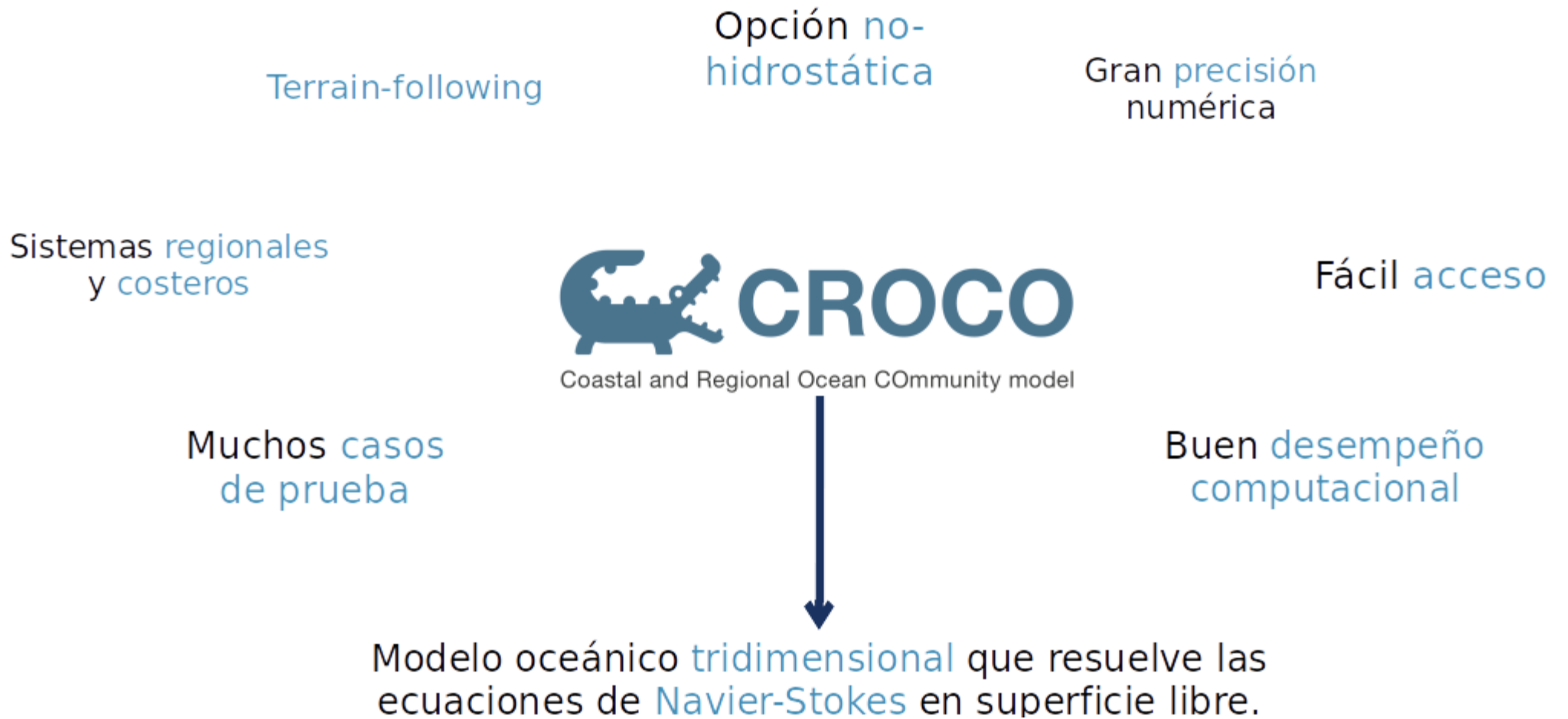


RESULTADOS

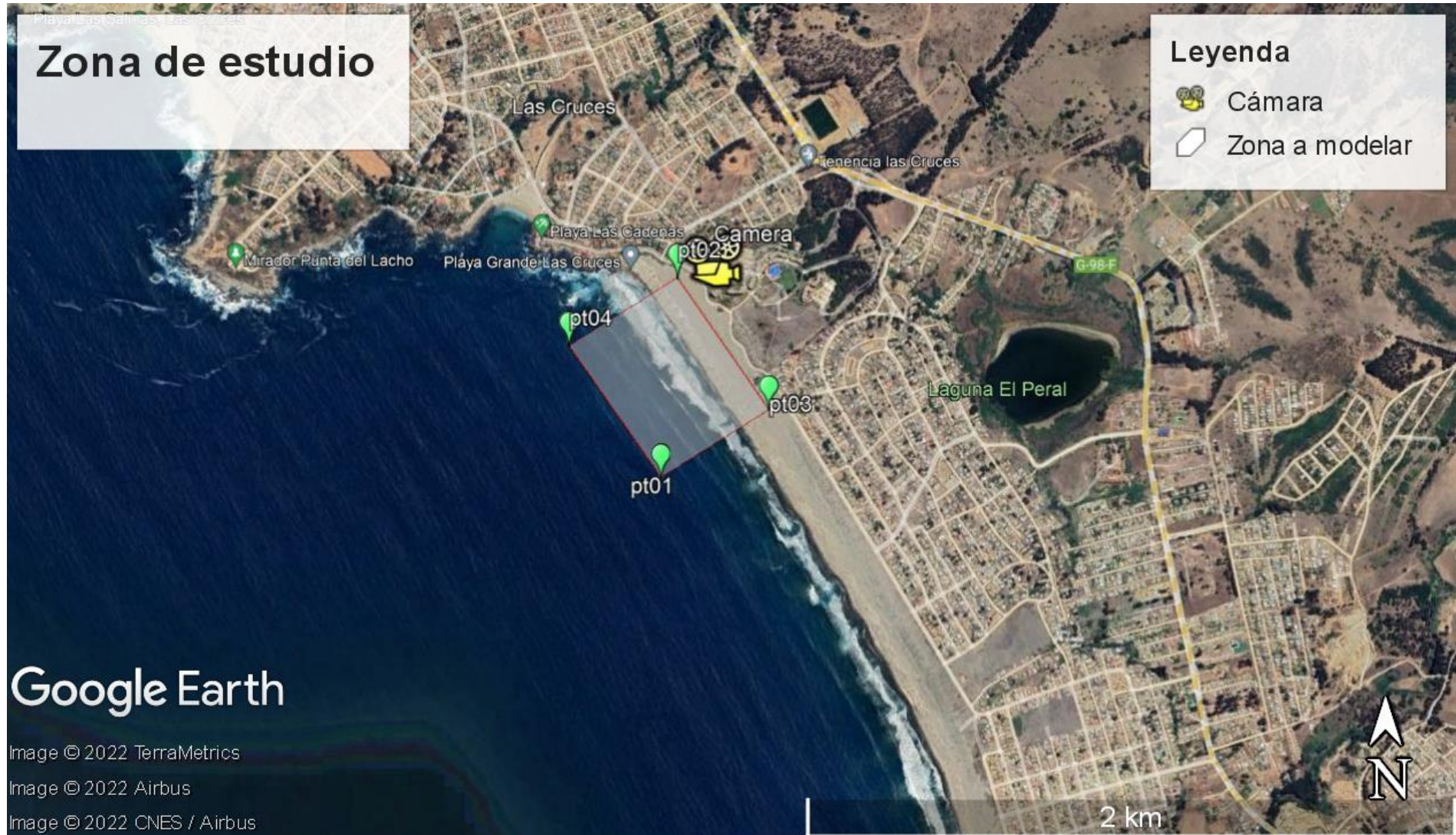


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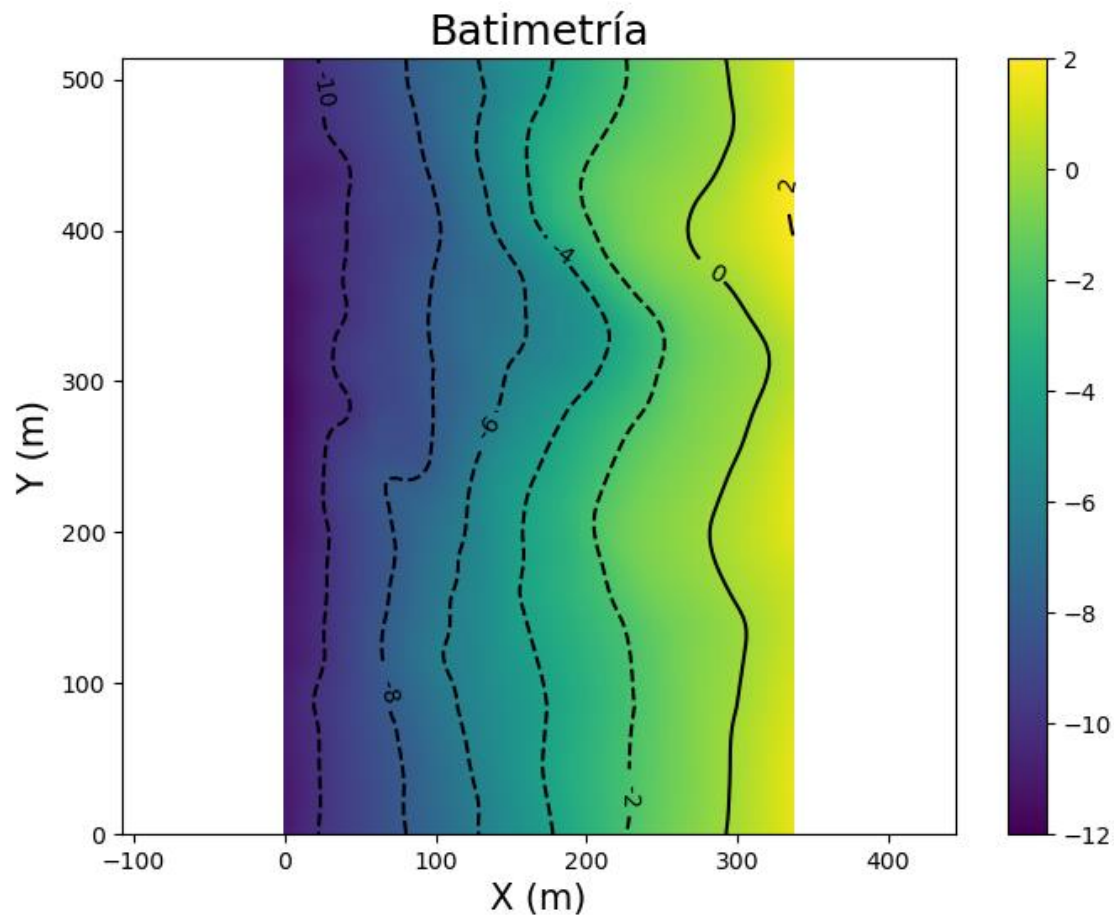


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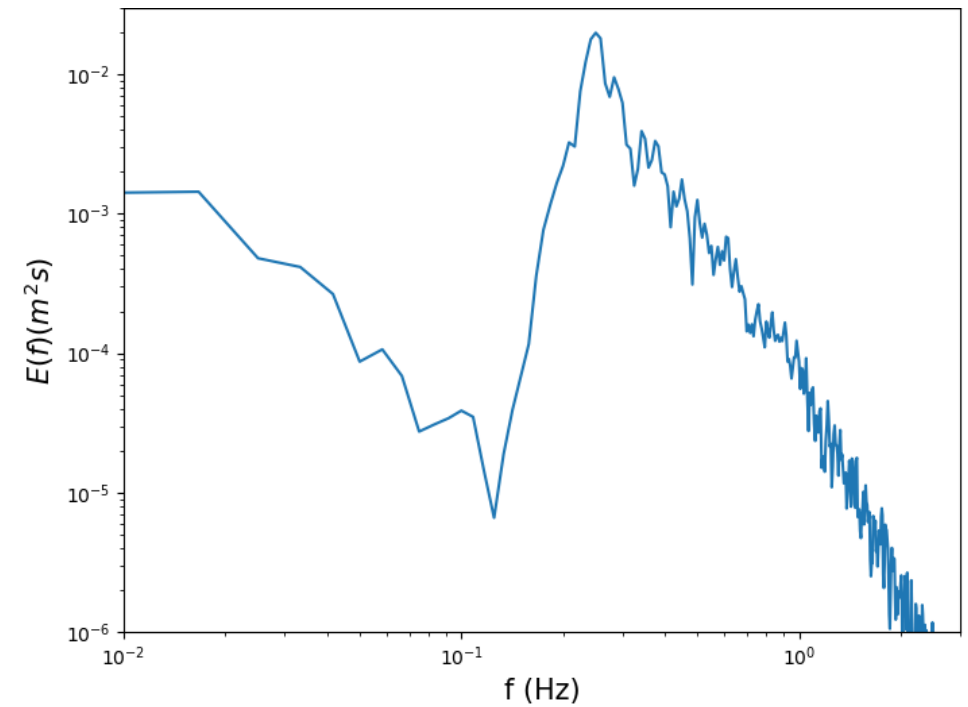


MODELO NUMÉRICO

Batimetría



Clima de oleaje



ESTRUCTURA



CONTEXTO



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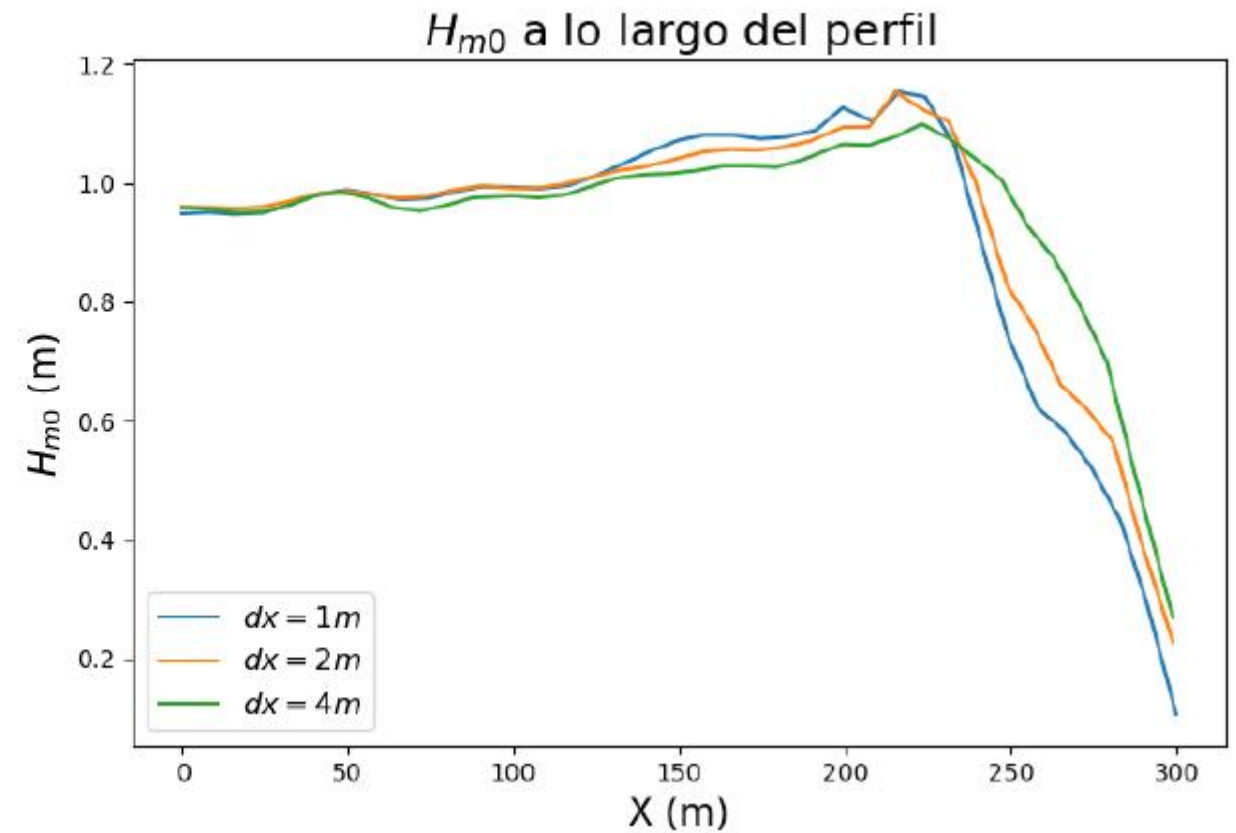
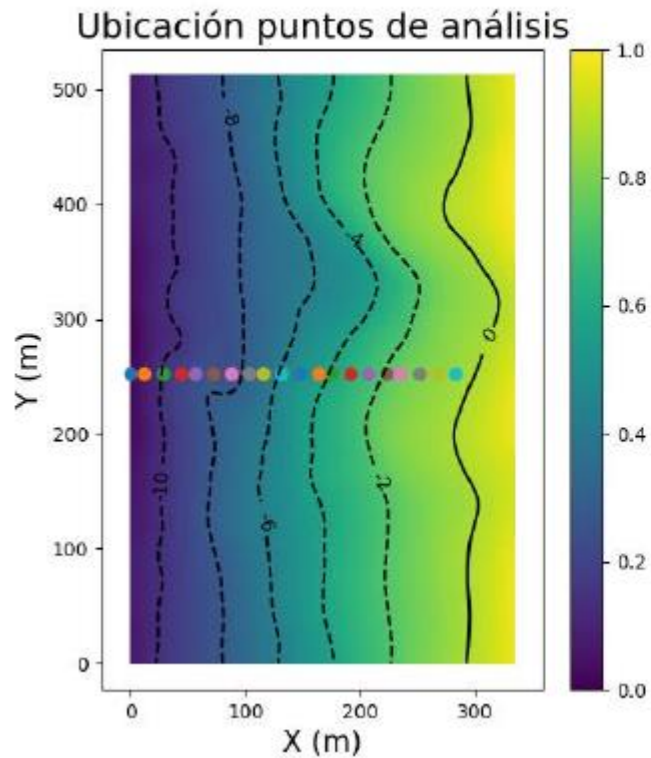


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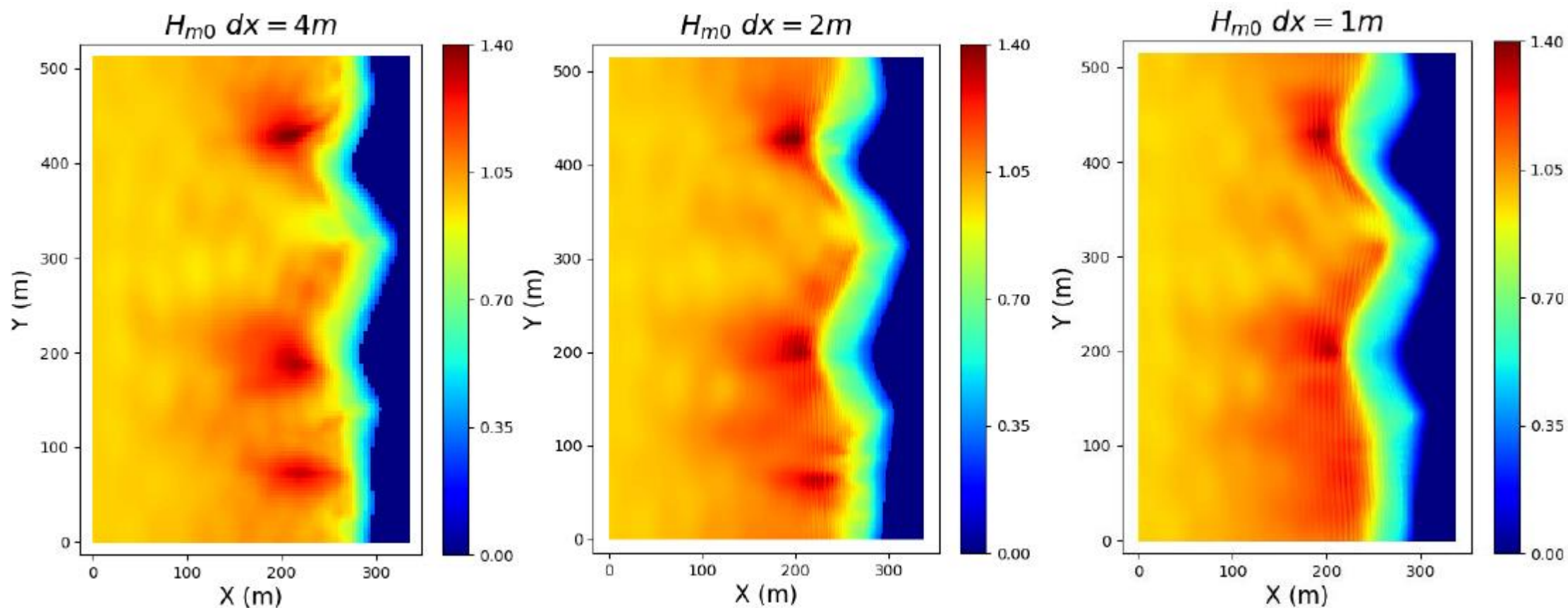


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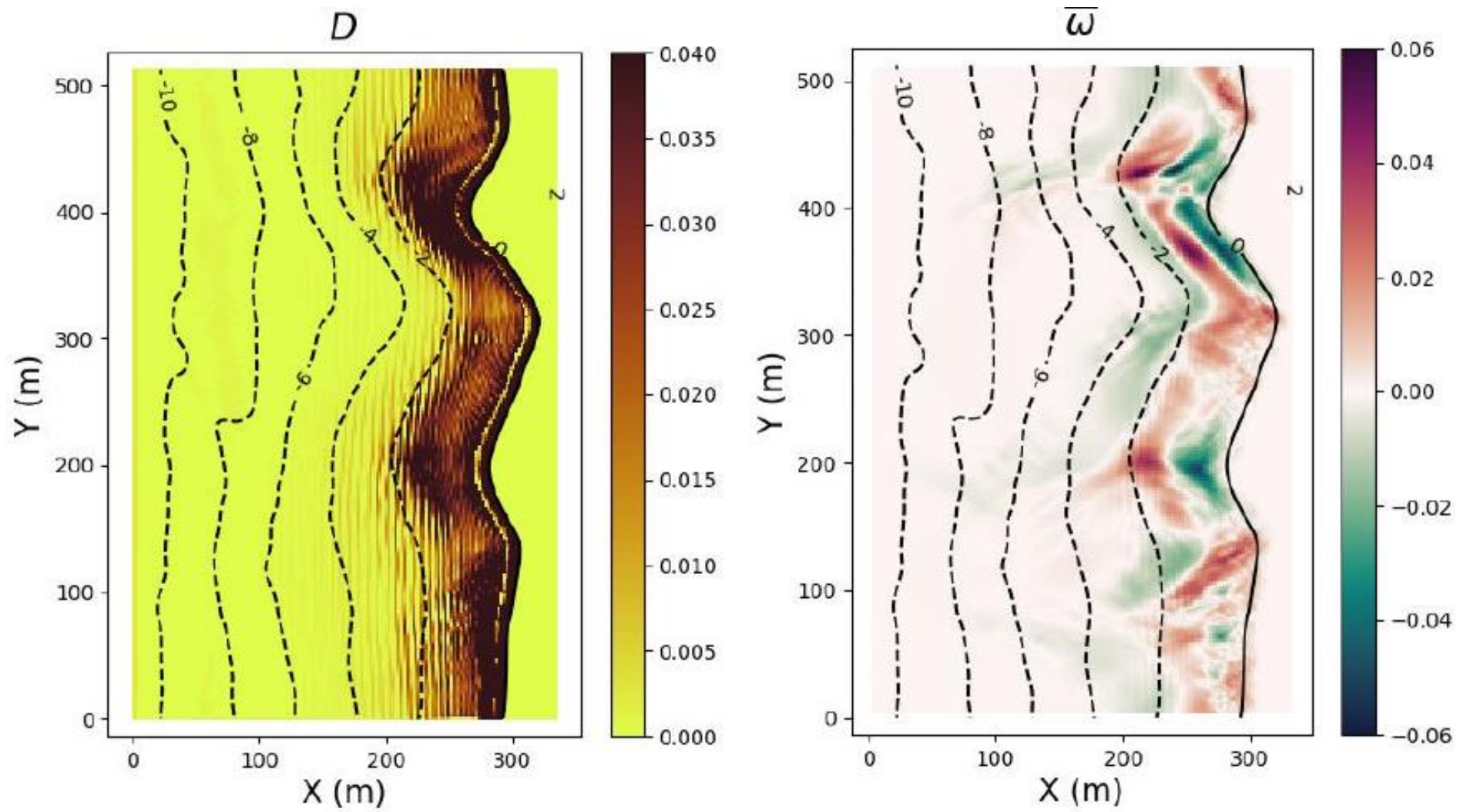
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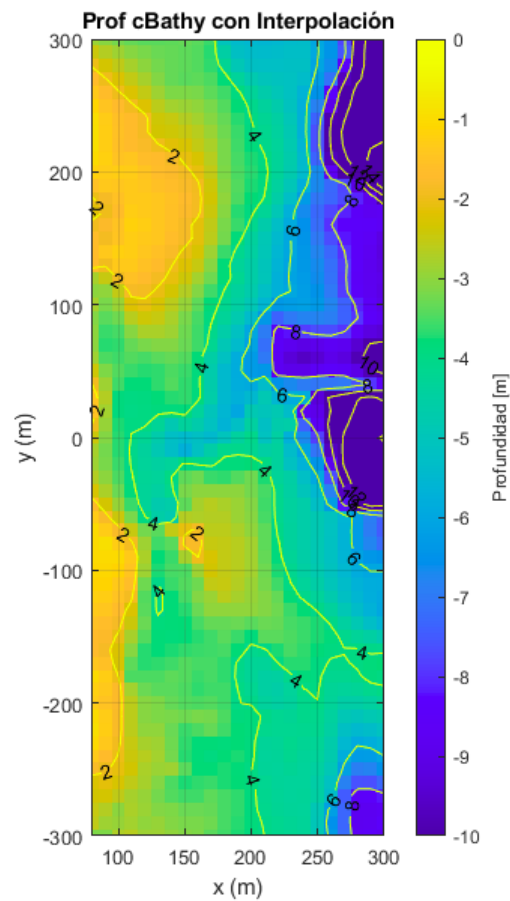
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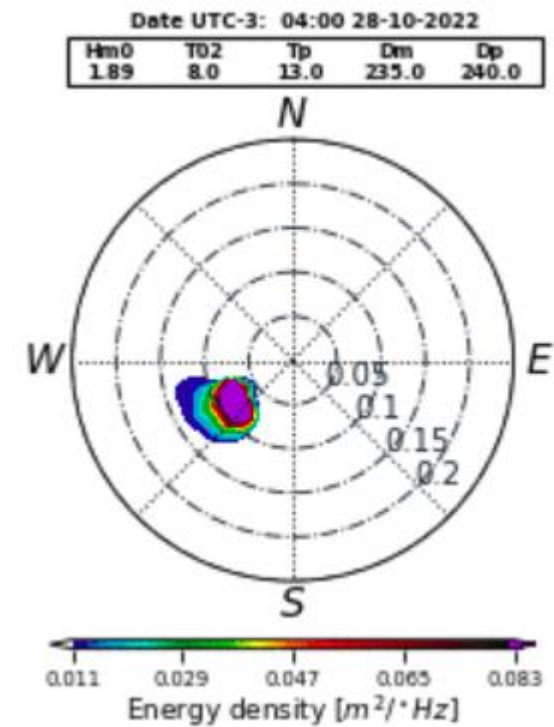
FUTUROS TRABAJOS

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Batimetría



Clima de oleaje





GRACIAS



Universidad Austral de Chile
Conocimiento y Naturaleza