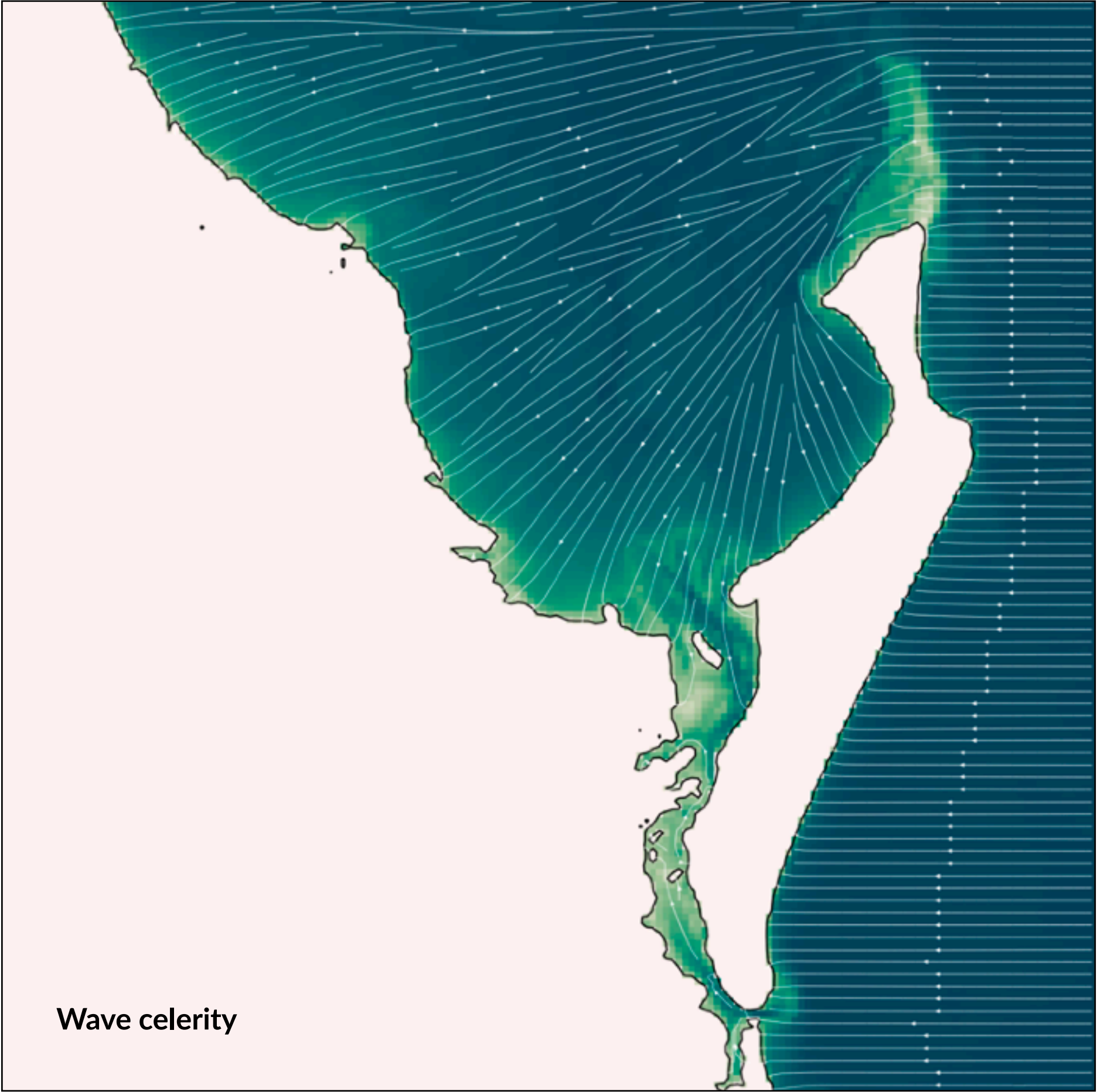
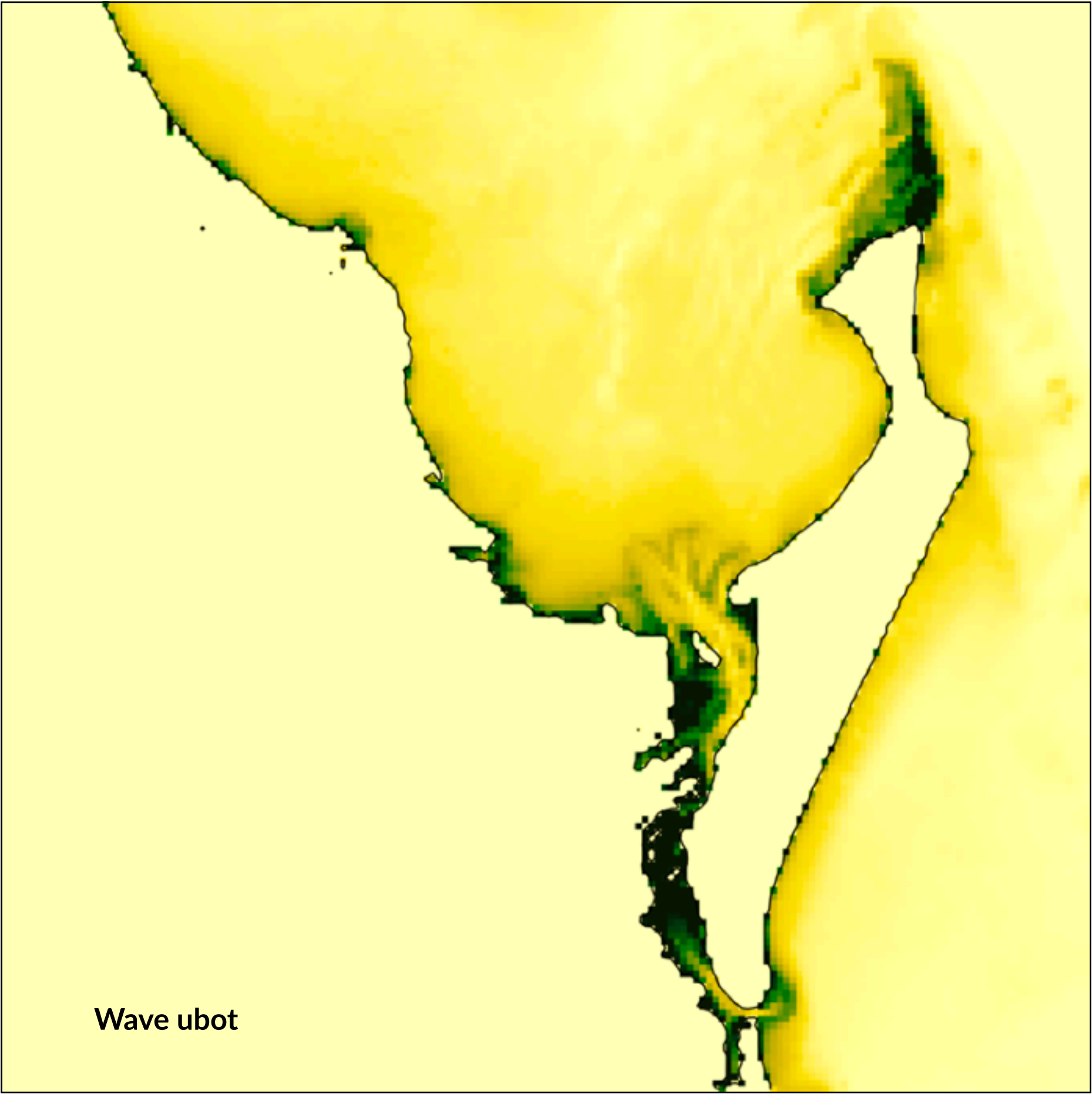


Travel time



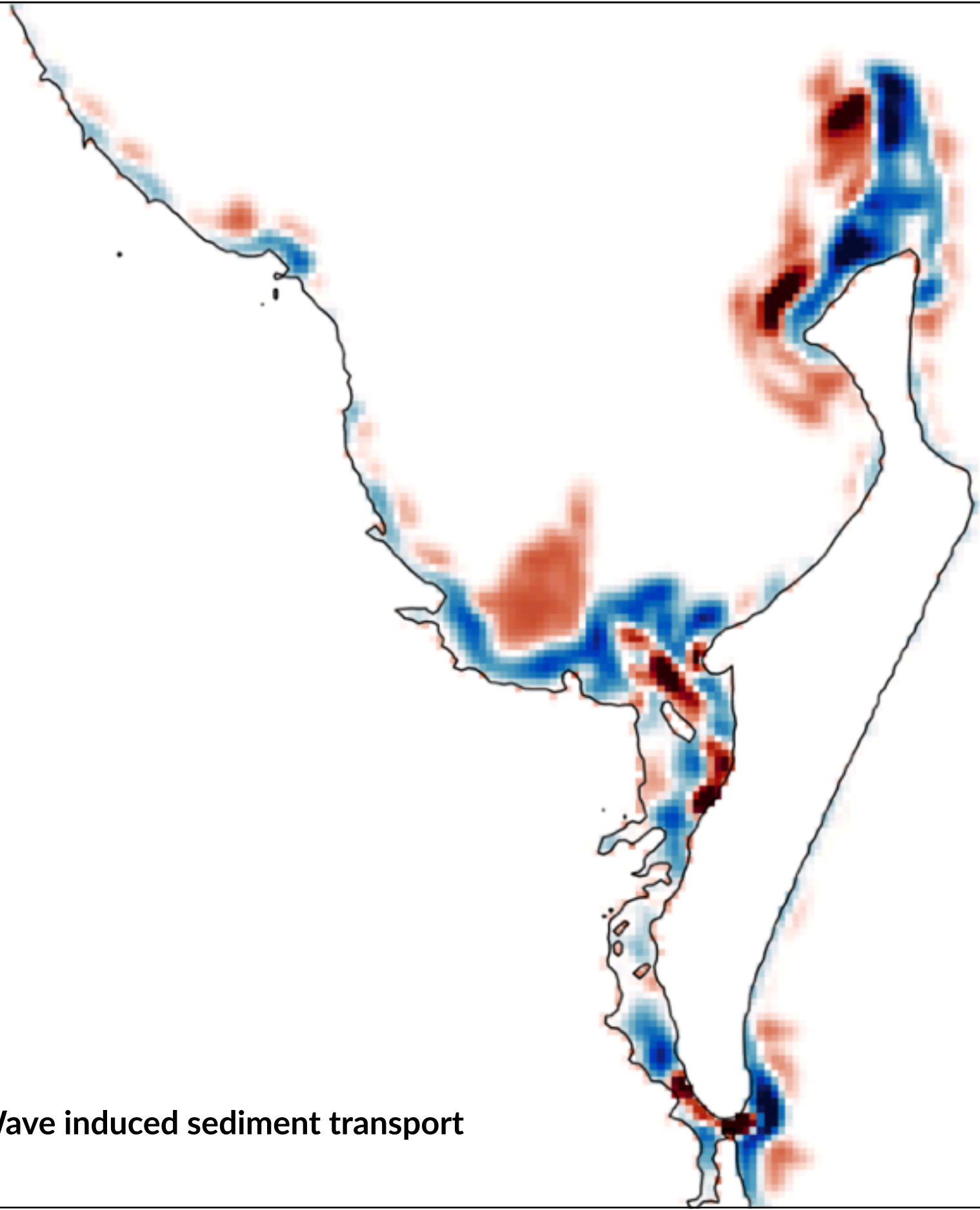


Wave celerity



Wave ubot

Wave induced sediment transport

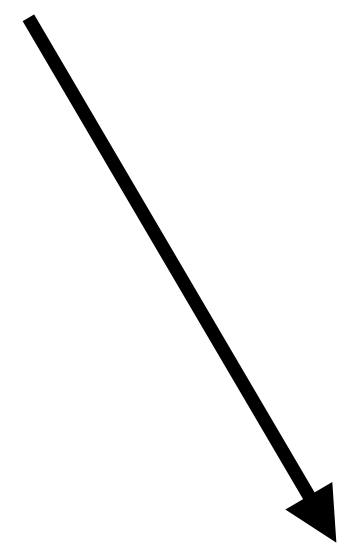


• Linear wave theory

Wave fronts propagation determined by wave celerity
and refraction due to variations in depth.

• Longshorement transport

Huygens principle



- Wave characteristics (H, T, c, ...)
- Maximum wave-orbital velocity

Simple wave-sediment modelling

Hands-on example

- Simple wave sediment modelling - exercise 5.

Simple wave-sediment modelling

- Linear wave theory

Wave fronts propagation determined by wave celerity and refraction due to variations in depth.

Huygens principle

- Wave characteristics (H , T , c , ...)
- Maximum wave-orbital velocity

- Longshore sediment transport

