

BETTER SCIENCE THROUGH BETTER DATA 2018 - Lightning Talk

OVERCOMING DATA BARRIERS FOR REGIONAL-SCALE COASTAL-IMPACT ANALYSIS



What is the (scientific) Problem?

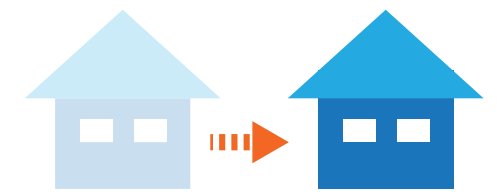
The goal: Impact
assessment &
adaptation strategies



Protection



Accommodation



Retreat

What is the (scientific) Problem?

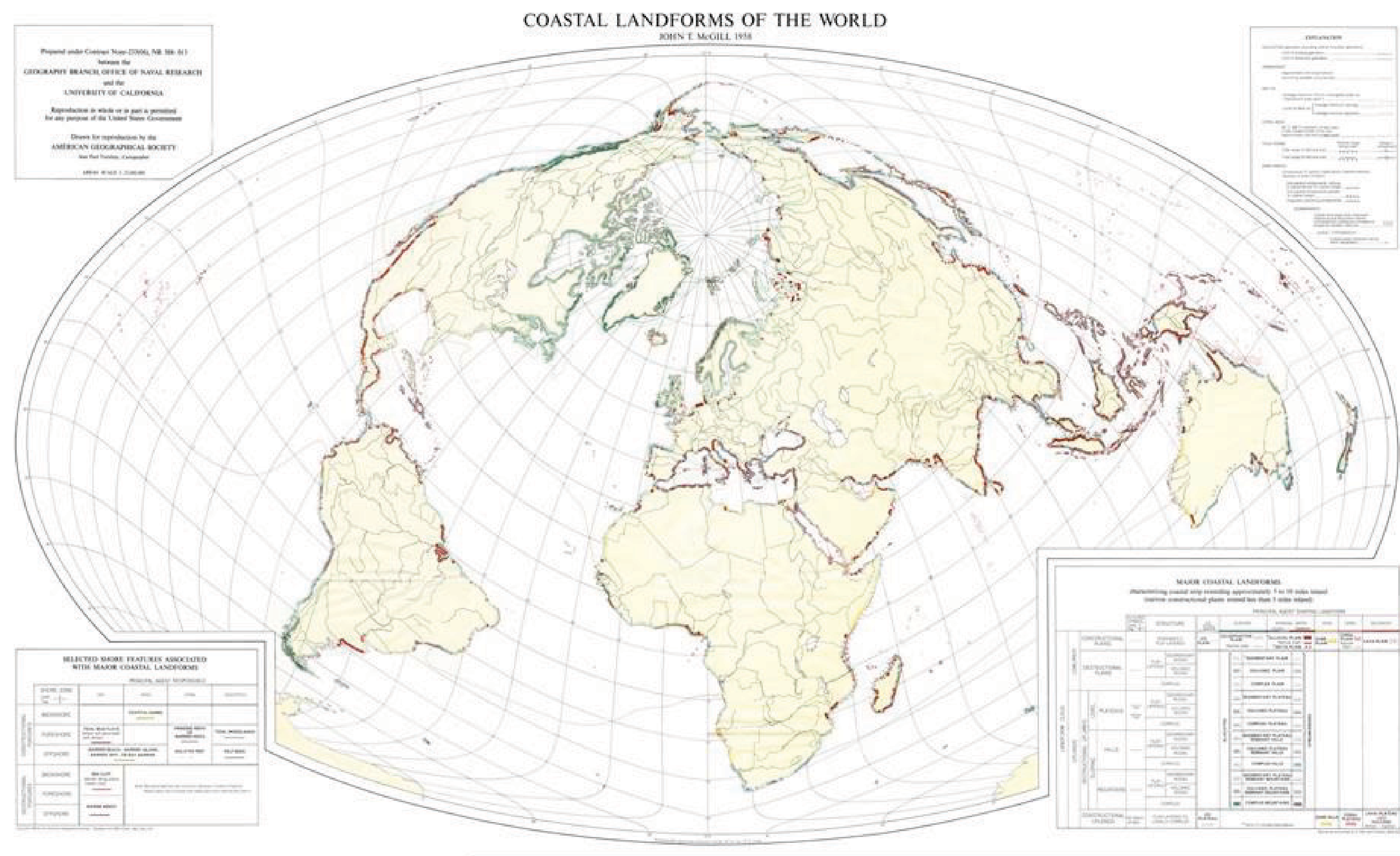
The goal: Impact assessment & adaptation strategies



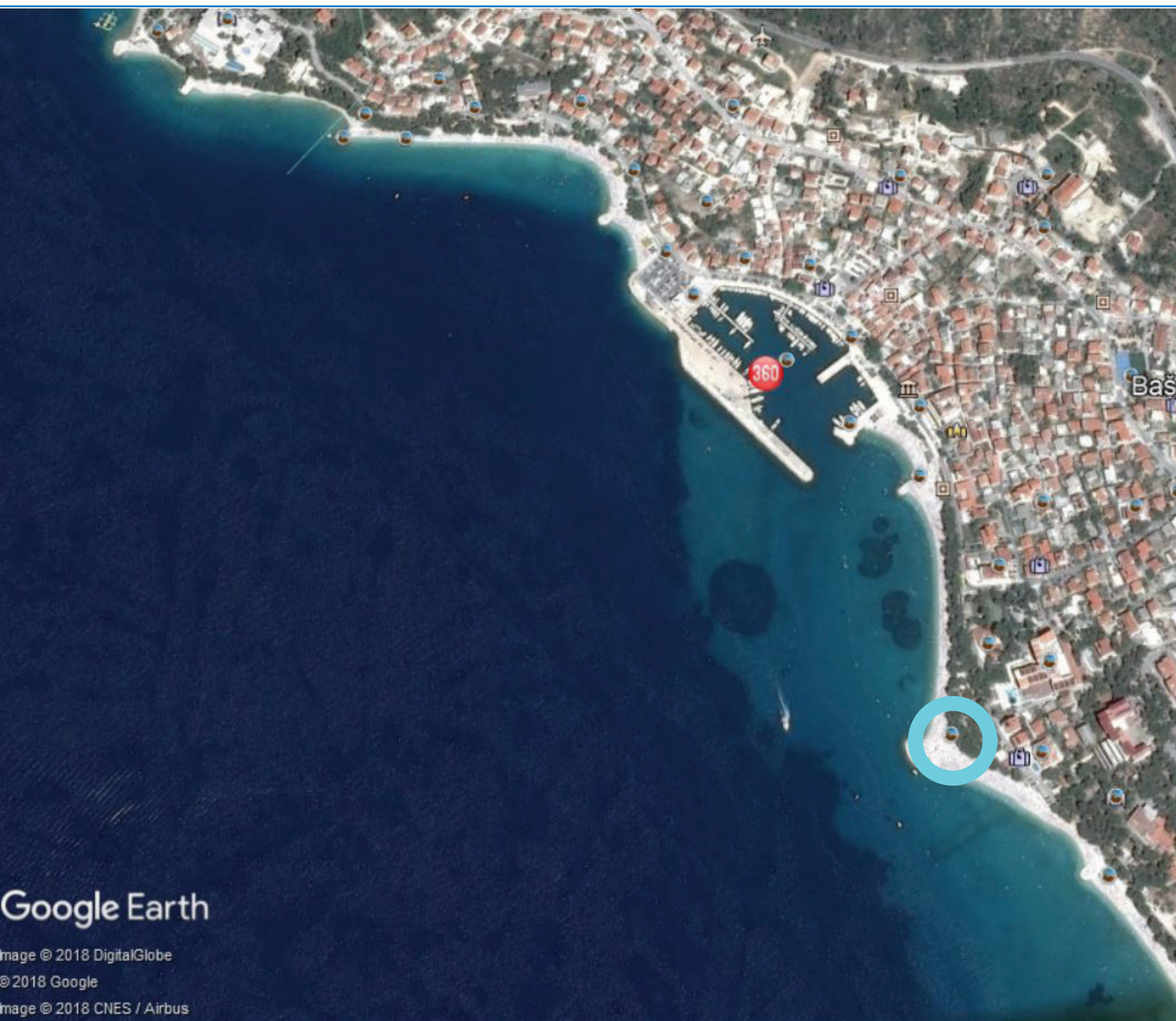
The problem: Data

- Lack of primary data
- Need for **consistent and multidisciplinary** data
- Difficulties in merging data





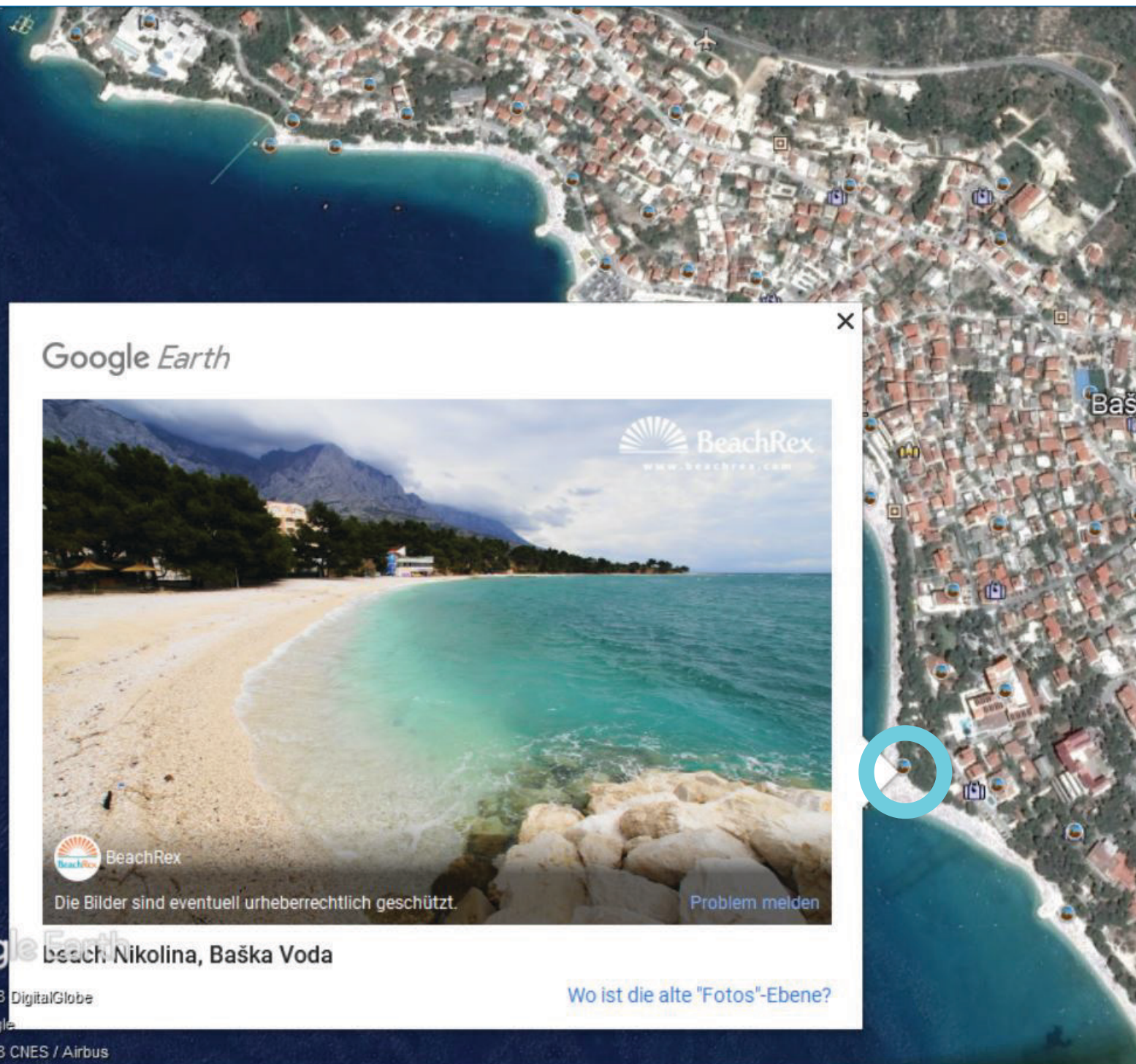
McGill, 1958



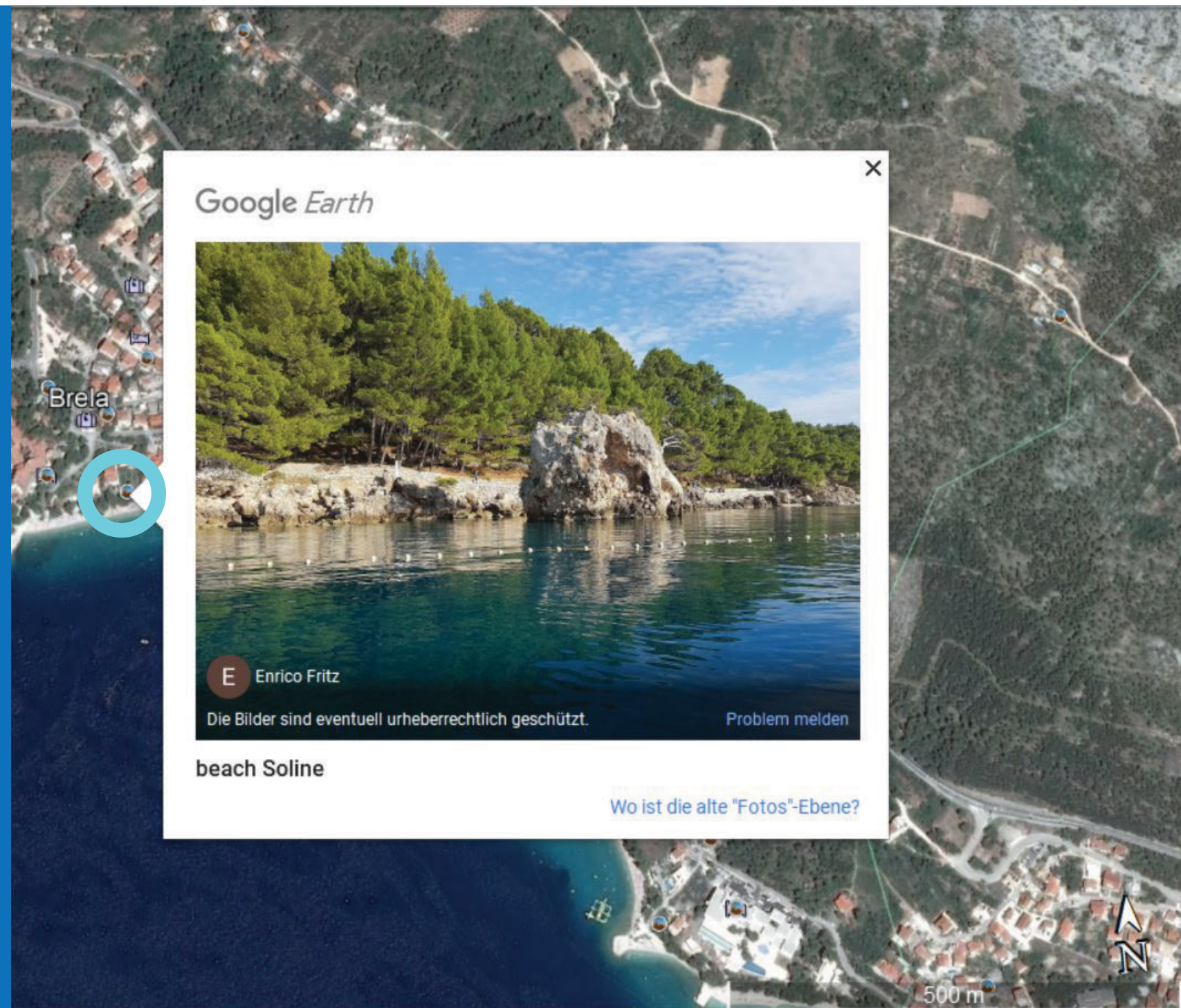
○ Material?



○ Material?

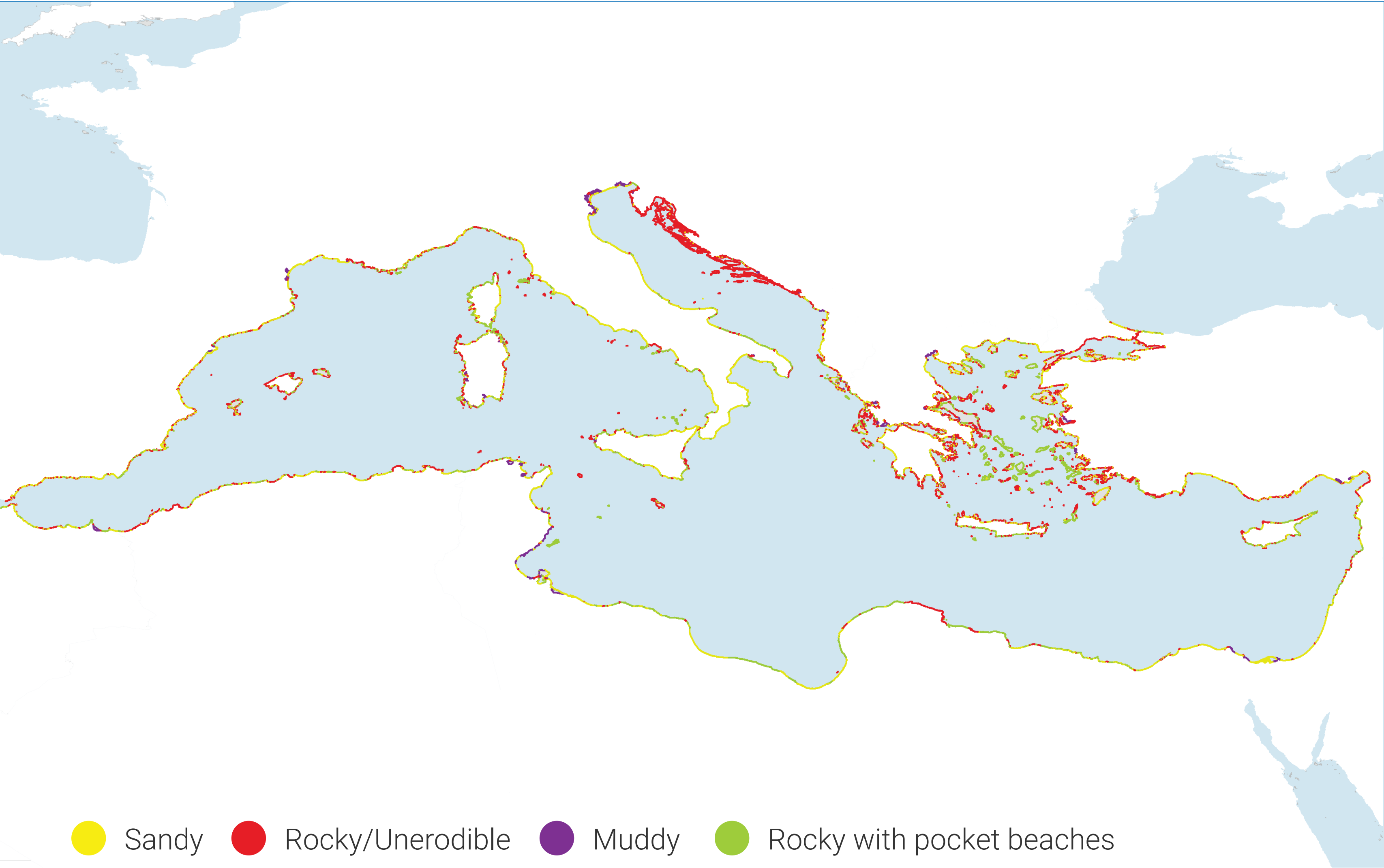


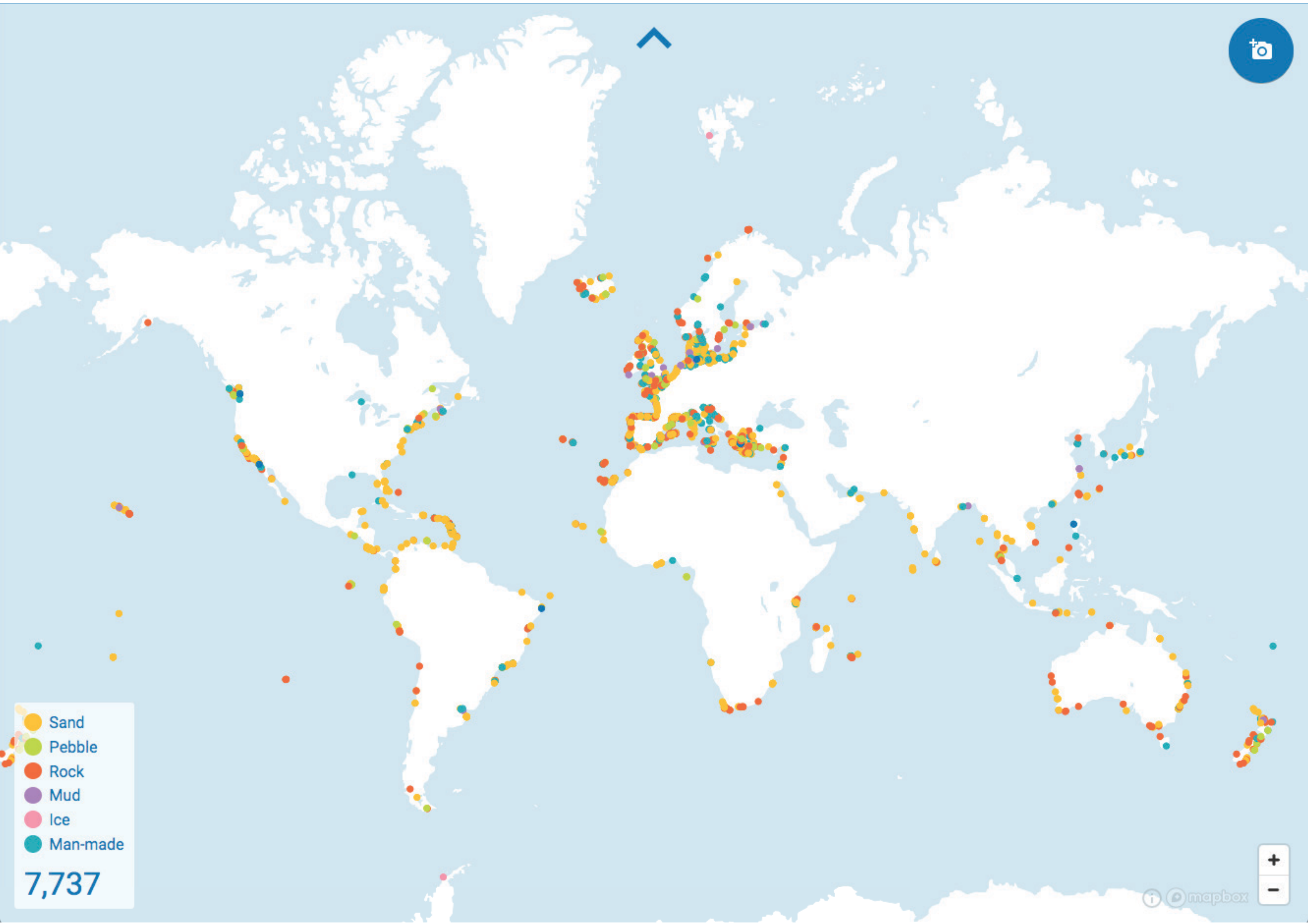
● Sandy



● Rocky/Unerodible

Mediterranean Coastal Types







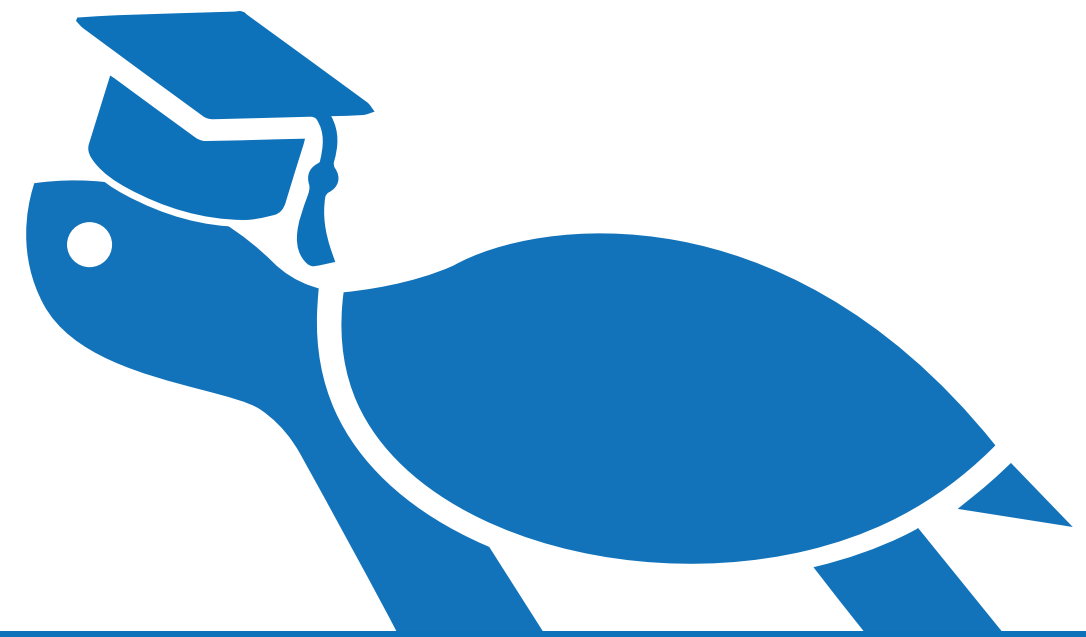
ID	Sea-level rise	N° of people	Landuse	Extreme water levels	GDP per capita	Vertical land movement	Coast material
100 12344							
100 12345							
200 12345							
300 12345							
300 12346							
(...)							

+ 151
PARAMETERS

(Wolff et al., 2018; Scientific Data)

Why have we shared the data?

- Scientific credit



Why have we shared the data?

- Scientific credit
- Documenting: It's annoying but everyone benefits



Why have we shared the data?

- Scientific credit
- Documenting: It's annoying but everyone benefits
- Give something in return



Why have we shared the data?

- Scientific credit
- Documenting: It's annoying but everyone benefits
- Give something in return
- Lower one of the main barriers of regional coastal analysis

