### BETTER SCIENCE THROUGH BETTER DATA 2018 - Lightning Talk

## OVERCOMING DATA BARRIERS FOR REGIONAL-SCALE COASTAL-IMPACT ANALYSIS







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# What is the (scientific) Problem?

### **The goal:** Impact assessment & adaptation strategies







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### The problem: Data

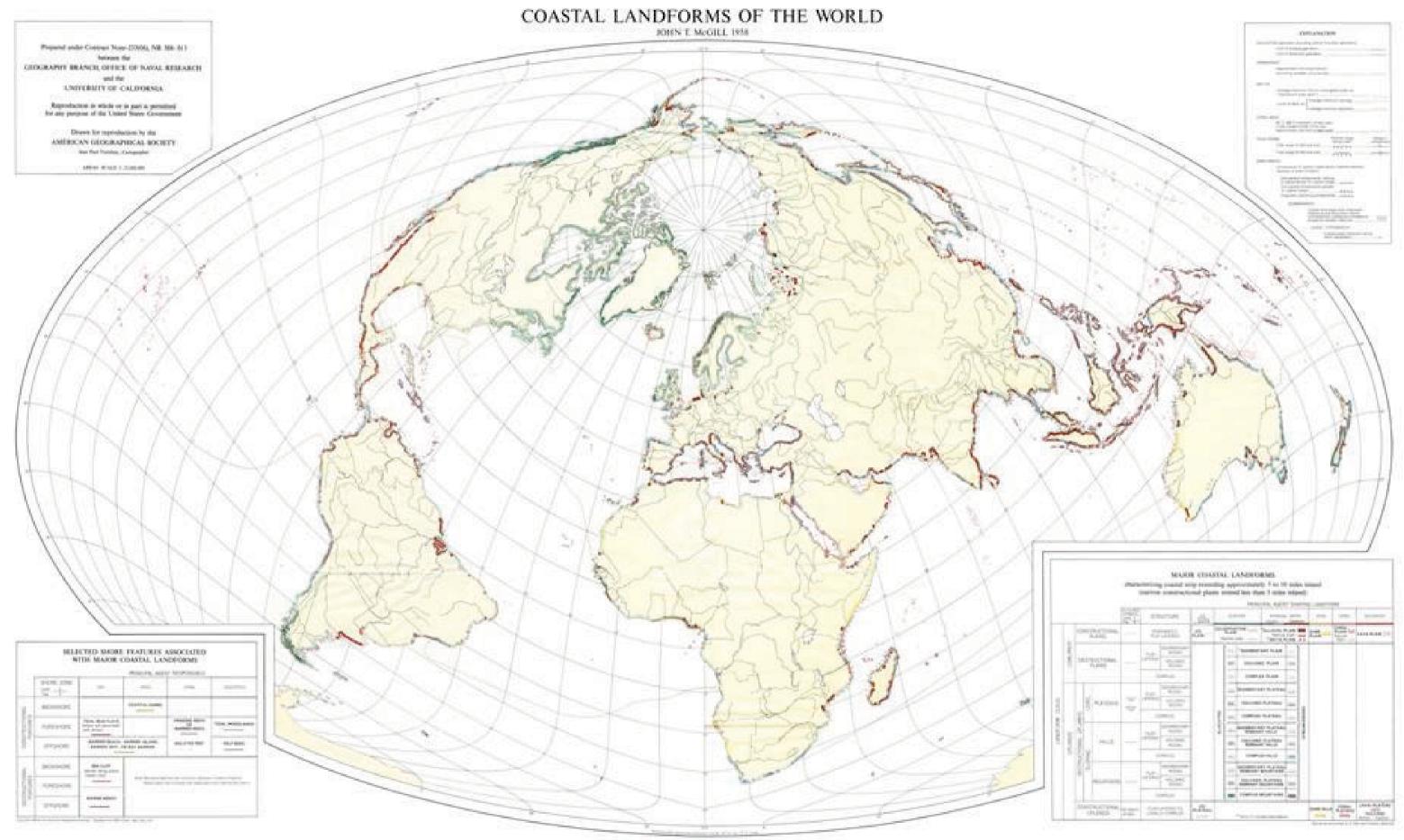
- Lack of primary data
- Need for consistent and multidisciplinary data
- Difficulties in merging data







# **Coastal Material**



### McGill, 1958





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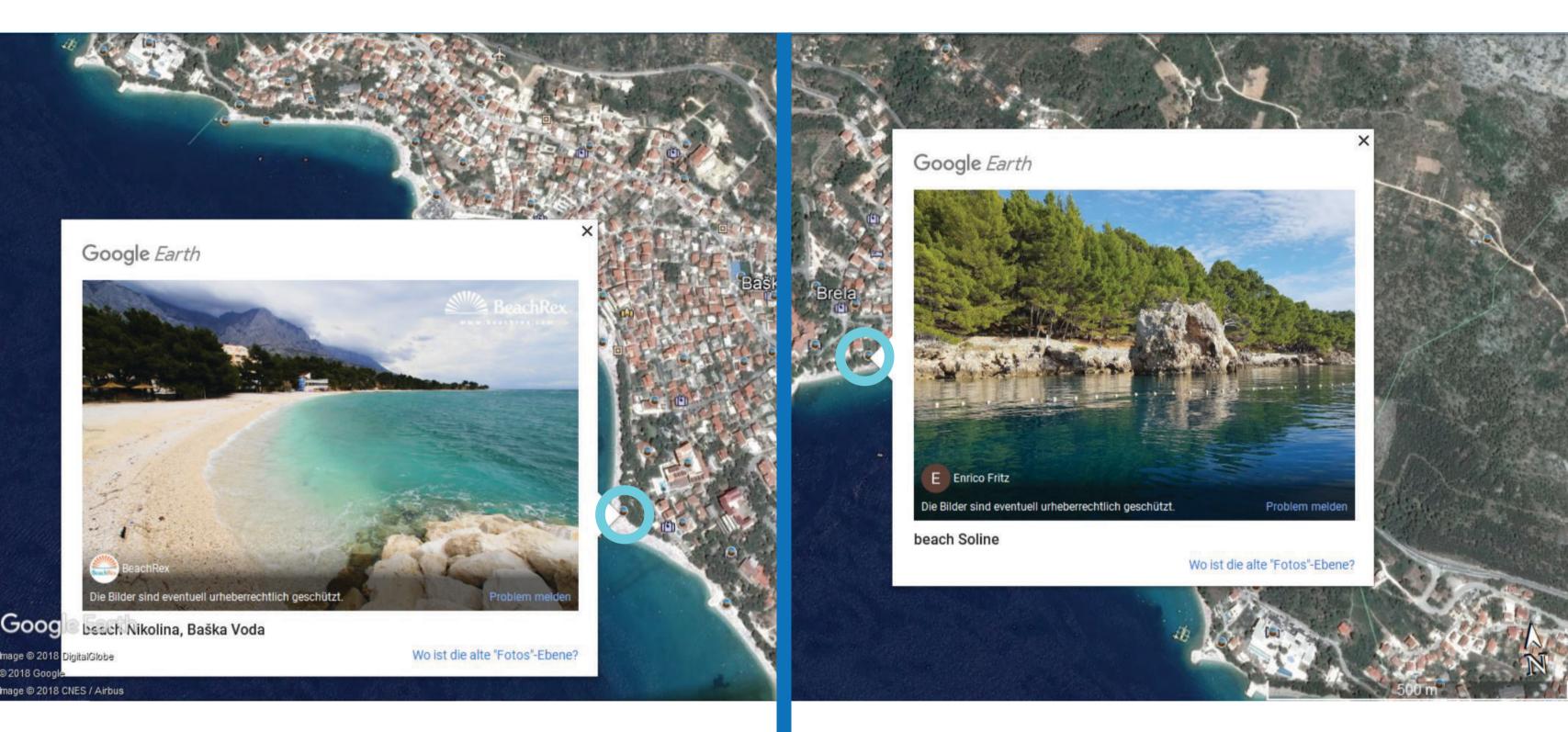








### O Material?





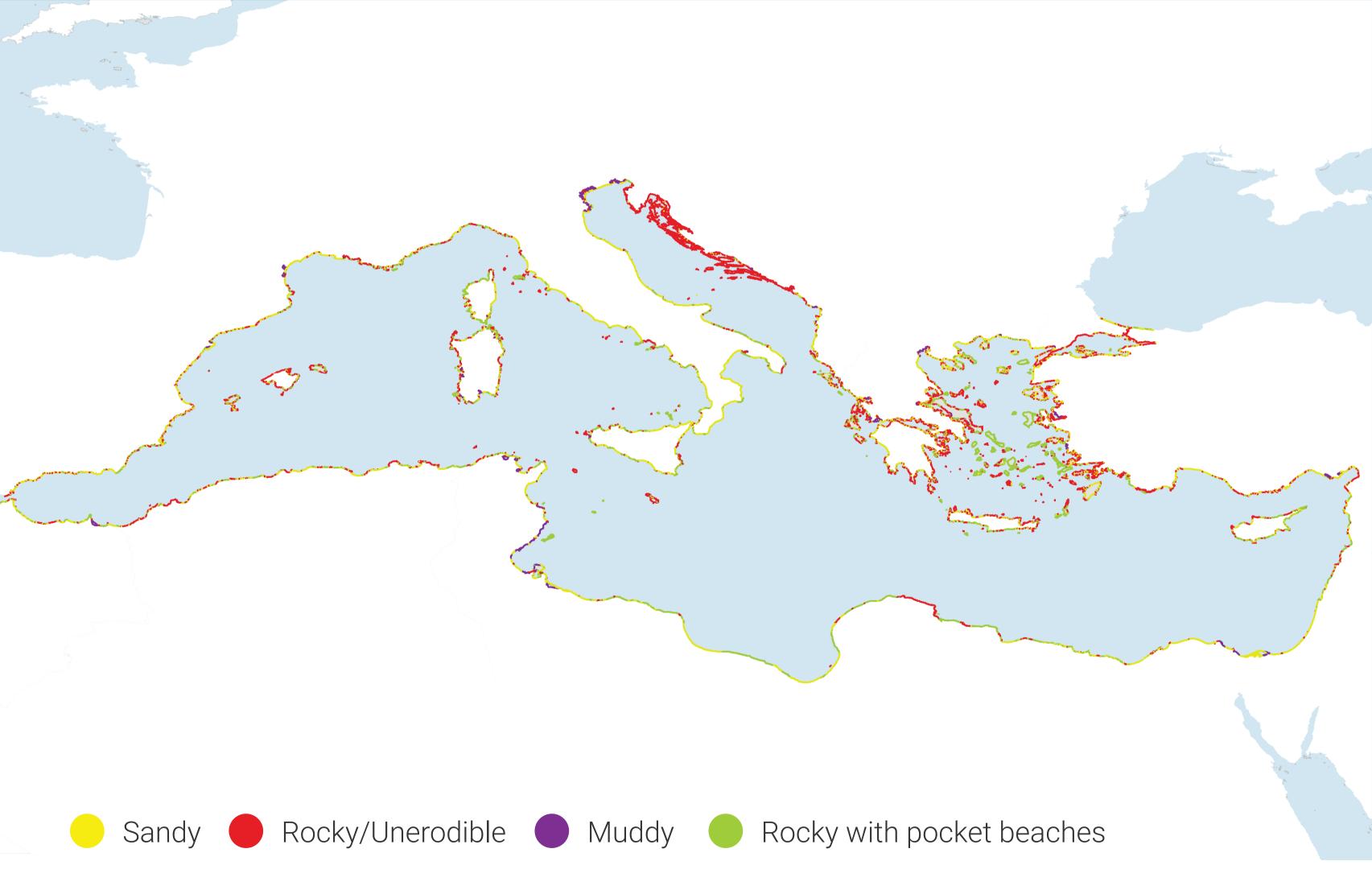






### Rocky/Unerodible

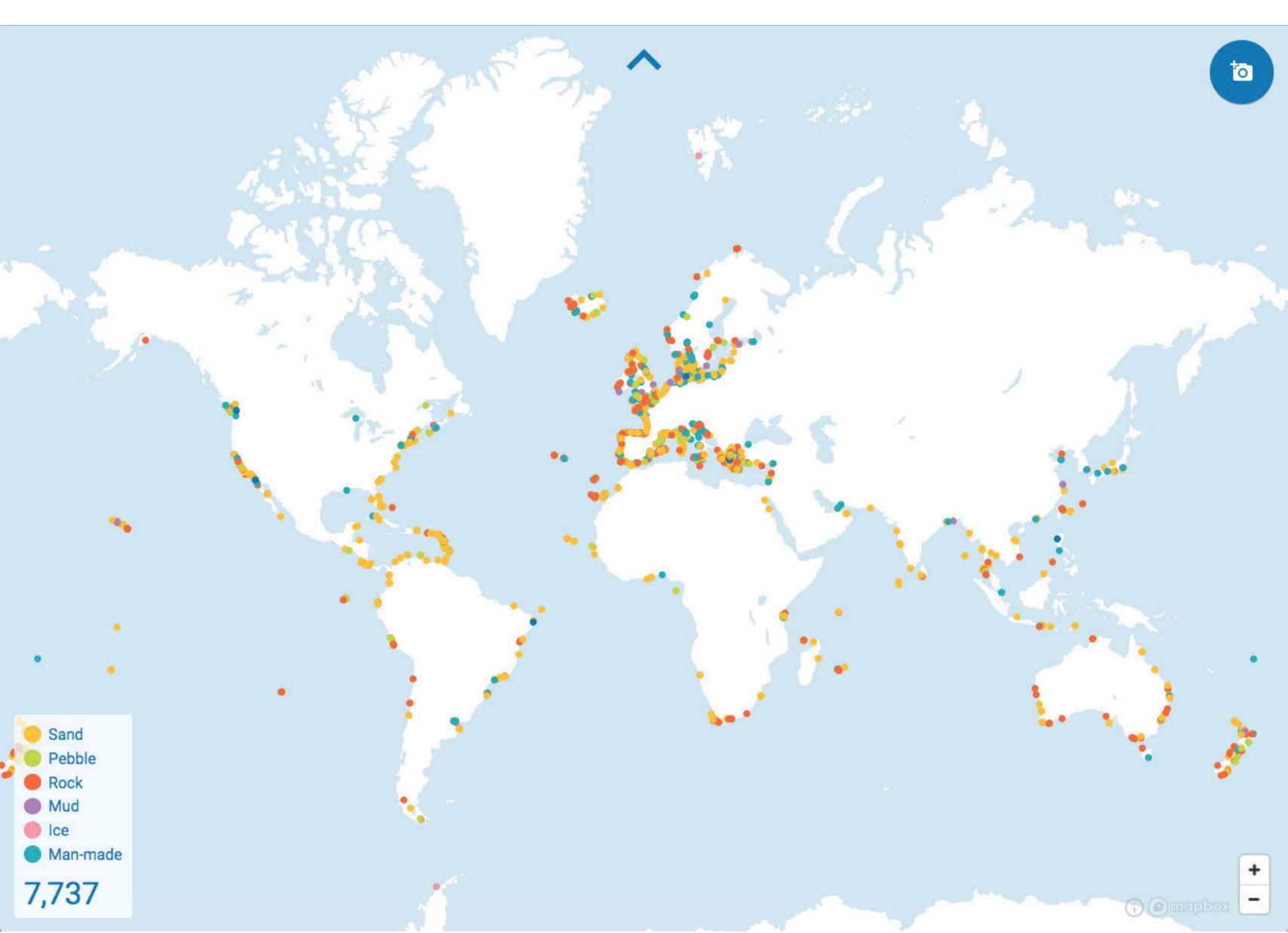
# Mediterranean Coastal Types







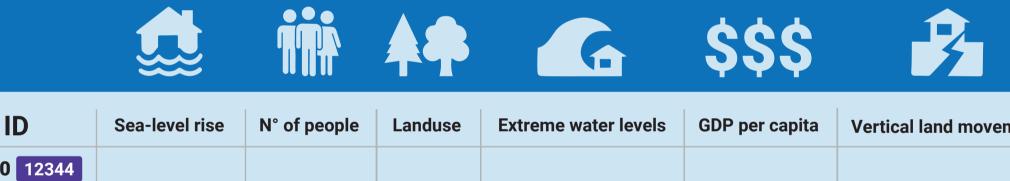








## Mediterranean Coastal Database



ID	Sea-level rise	N° of people	Landuse	Extreme water levels	GDP per capita	Vertical land movement	Coast material	
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(Wolff et al., 2018; Scientific Data)



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Include crowd sourced data from the platform www.coastwards.org

> + 151 PARAMETERS

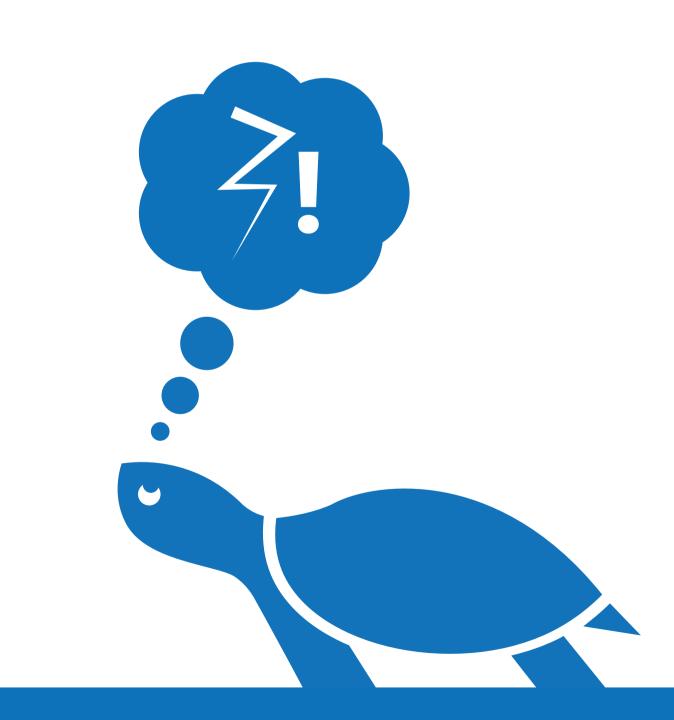








- Scientific credit
- Documenting: It's annoying but everyone benefits







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







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





