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## **DEFHY3GEO French Regional project Detection and Study of Fracturing by HYdrological, GEOMorphodynamic, geological and geophysical approach**

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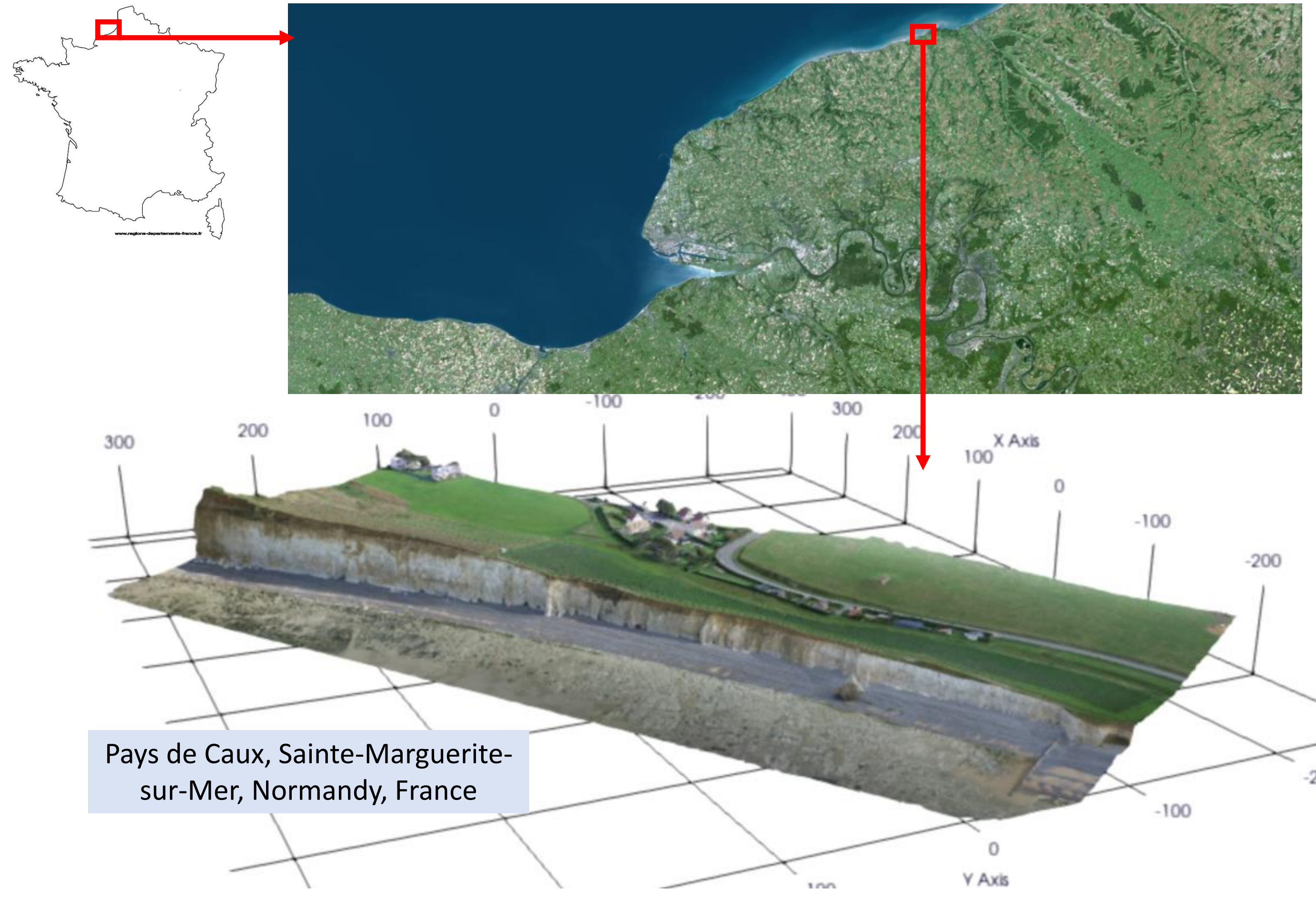
# DEFHY3GEO French Regional project

## Detection and Study of Fracturing by HYdrological, GEOMorphodynamic, geological and geophysical approach

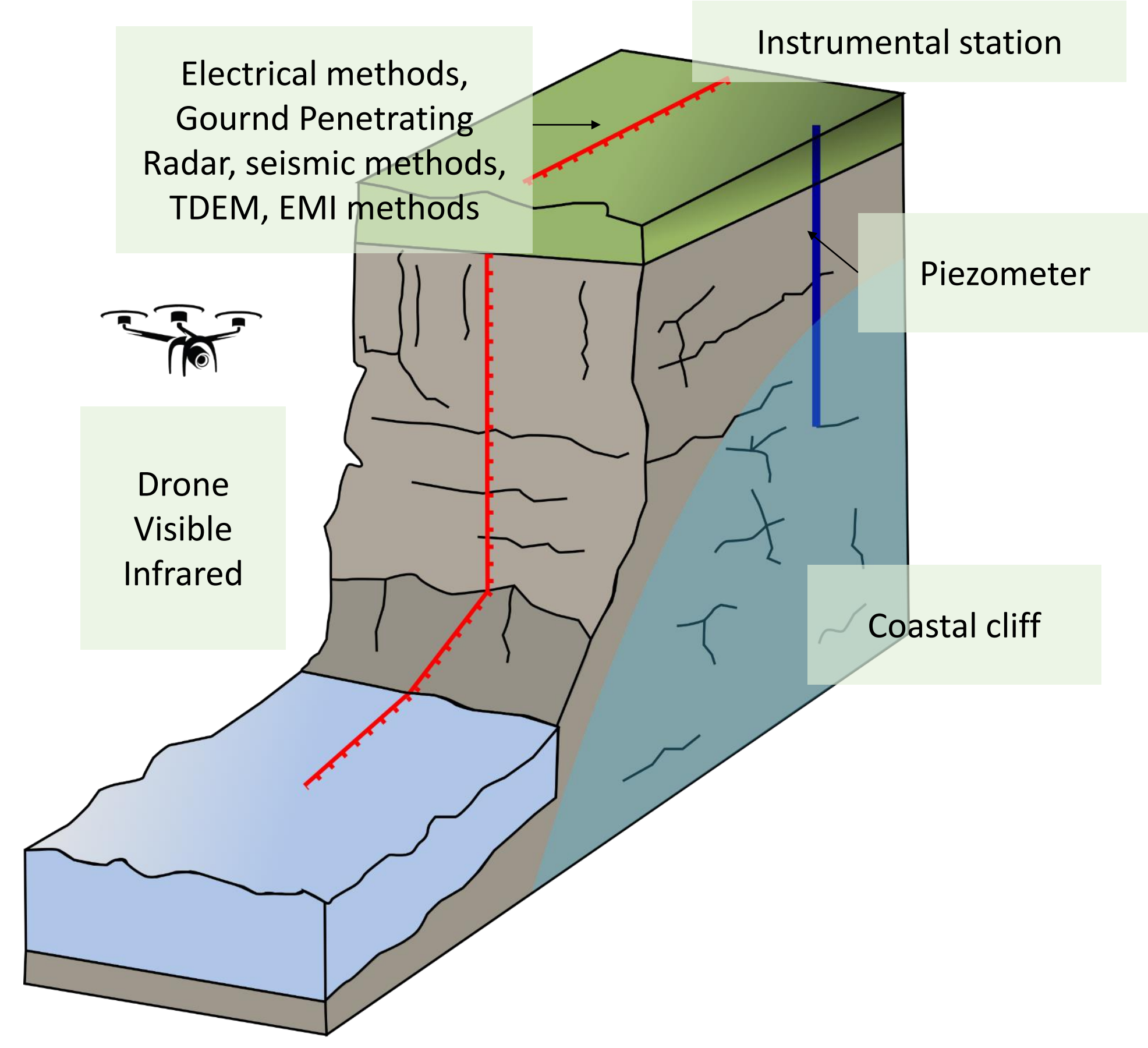


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### Chalk cliffs of Sainte-Marguerite-sur-Mer



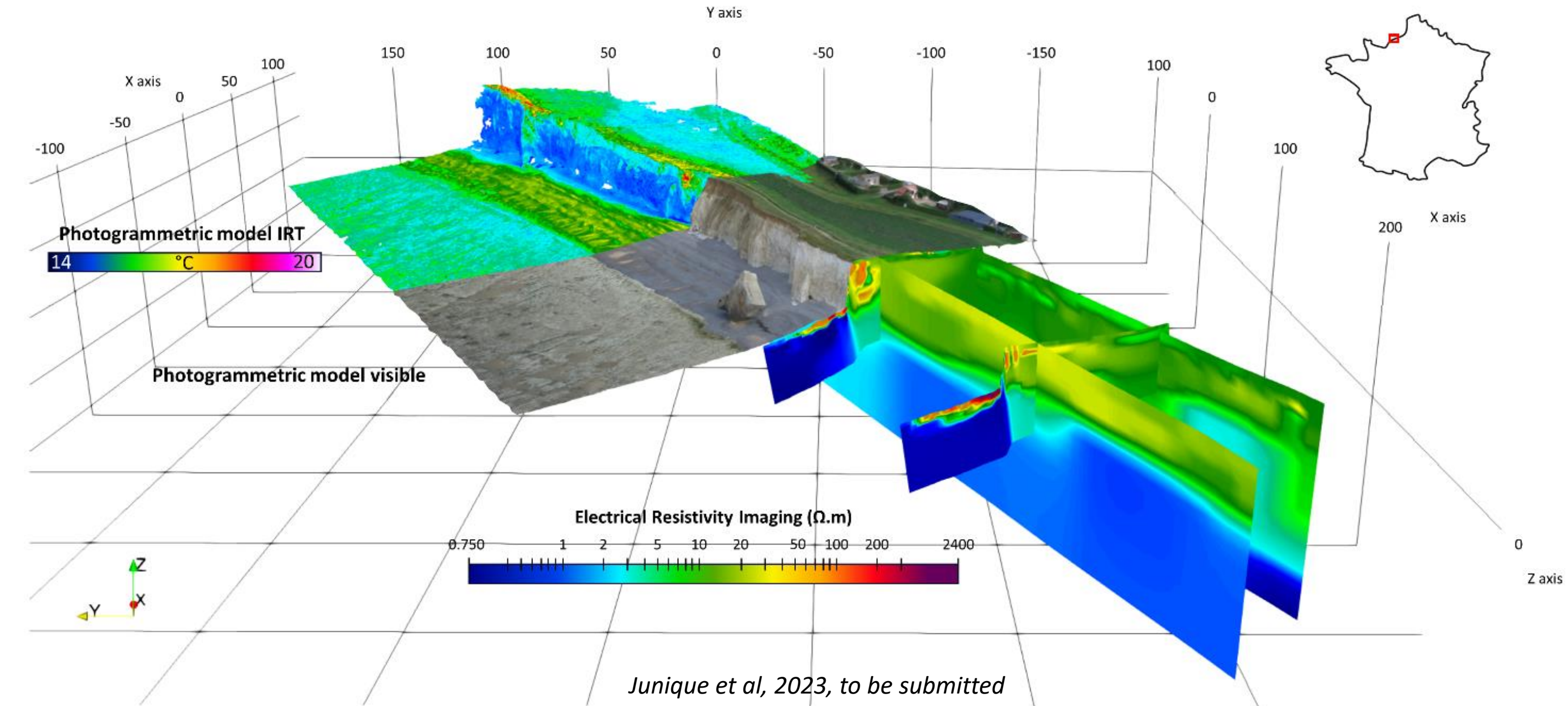
Cracks in chalk cliffs => accelerated erosion  
Aim of the project = Monitoring/studying the cliffs with various approaches and techniques



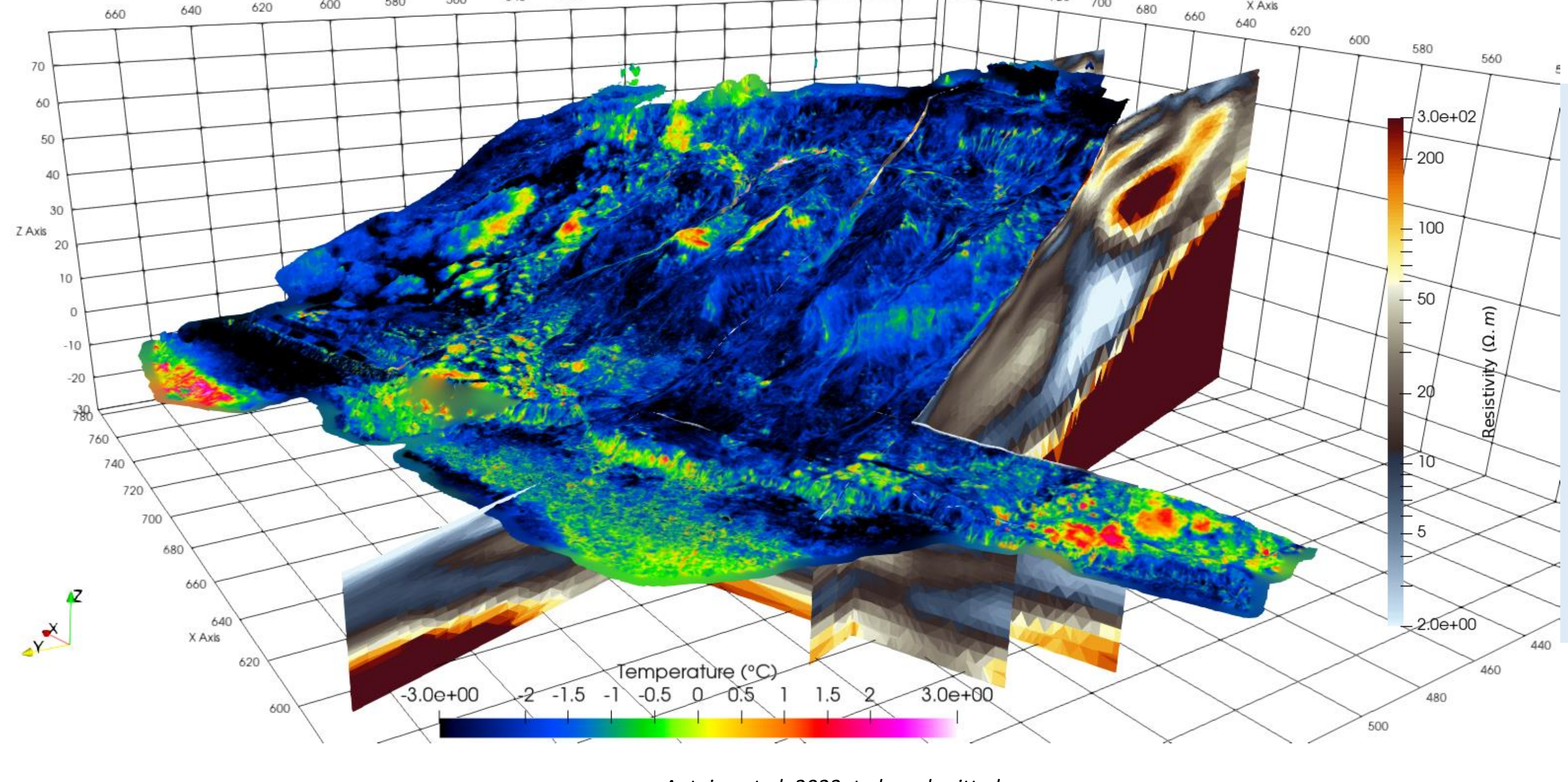
### In situ measurements



### Some current results



### New combined results in 3D: IRT and ERT



### Perspectives

Full 3D inversion of ERT  
Correlation with seismic, EMI and TDEM data  
Hydrodynamic modelisation of cracked cliffs  
Study of potential salt wedge, accelerating erosion