



Context:

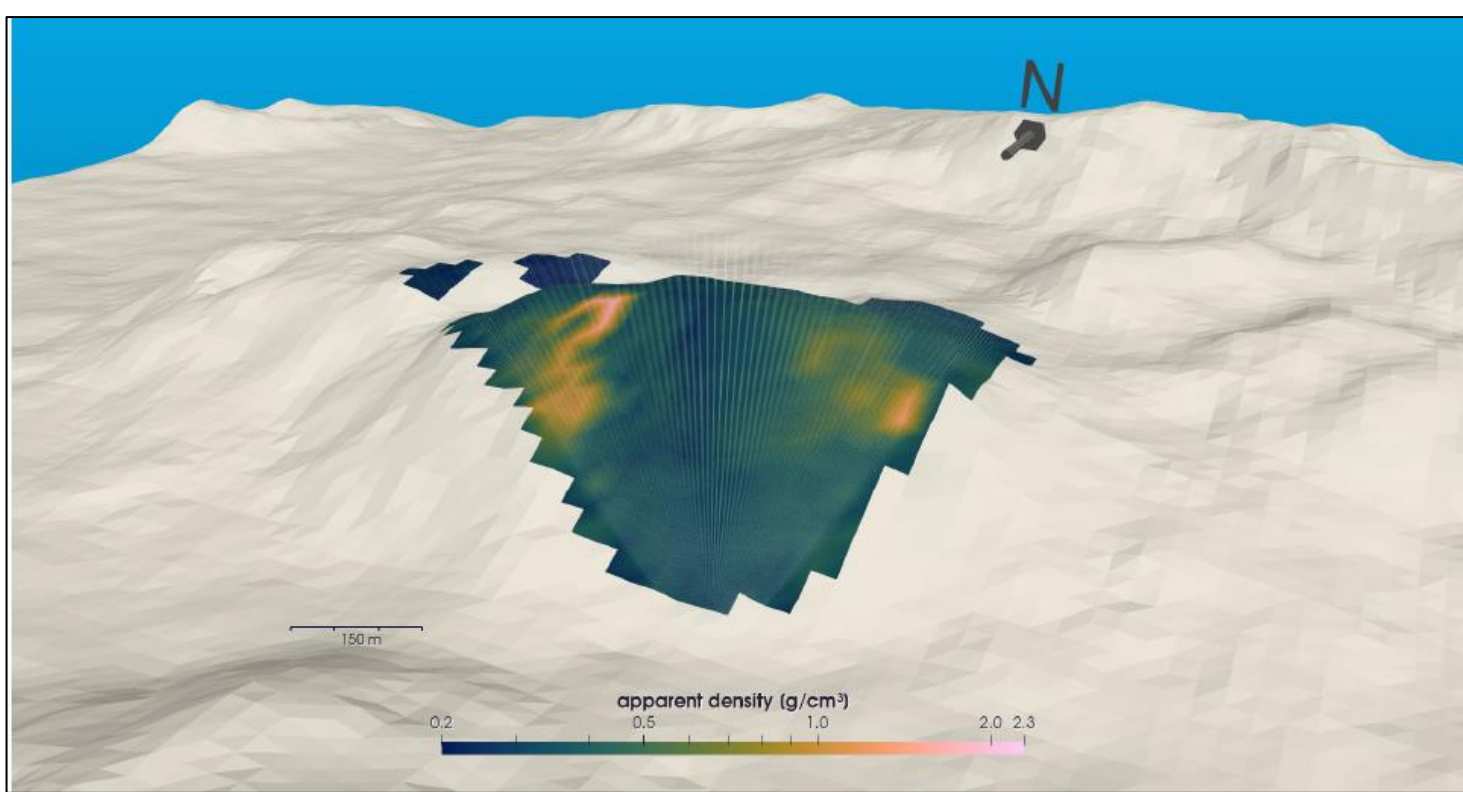
- The Chyulu Hills and Mzima Springs:
- A volcanic region that serves as a water tower for the surrounding area, extending to the city of Mombasa.
 - Impact of climate change
 - Economic, social, and agricultural challenges.

Scientific goals:

Long-term observations for understanding the hydrological system of the Chyulu Hills

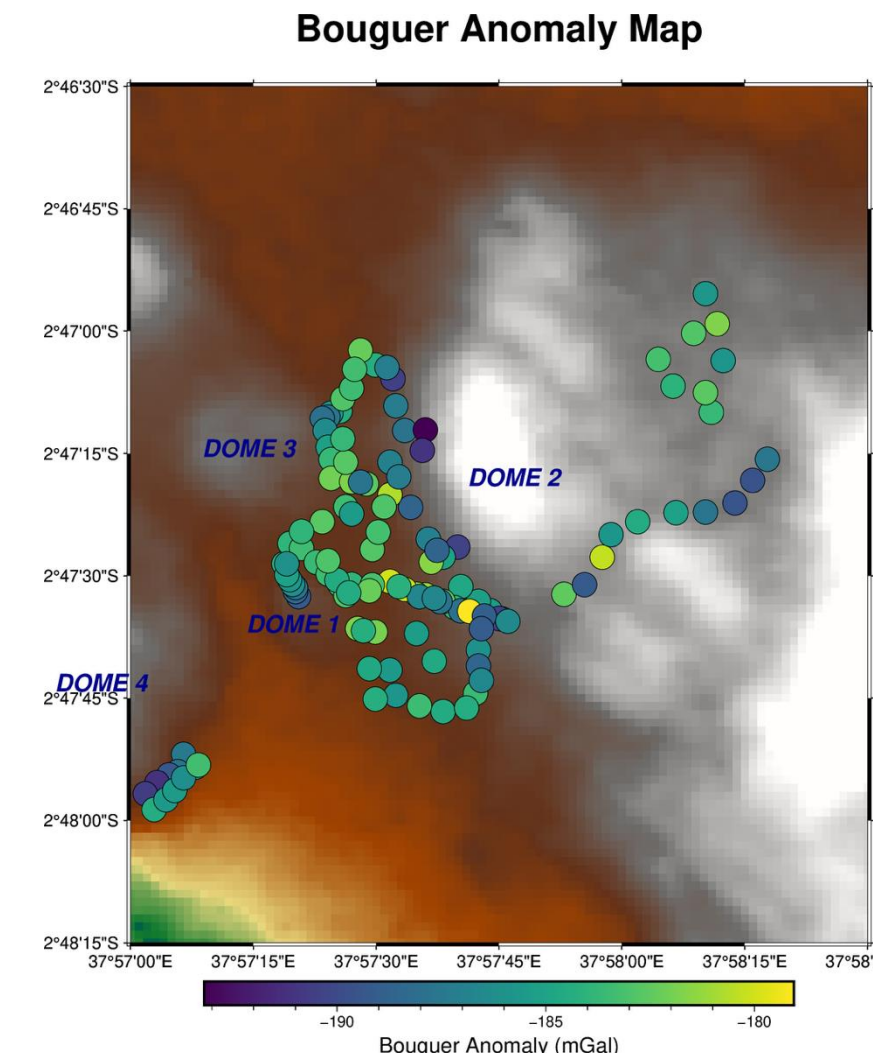
Strategies for the future management of water resources.

- A highly interdisciplinary project involving geosciences, hydrogeosciences, physics, and geography.
- A bilateral project between French and Kenyan partners.

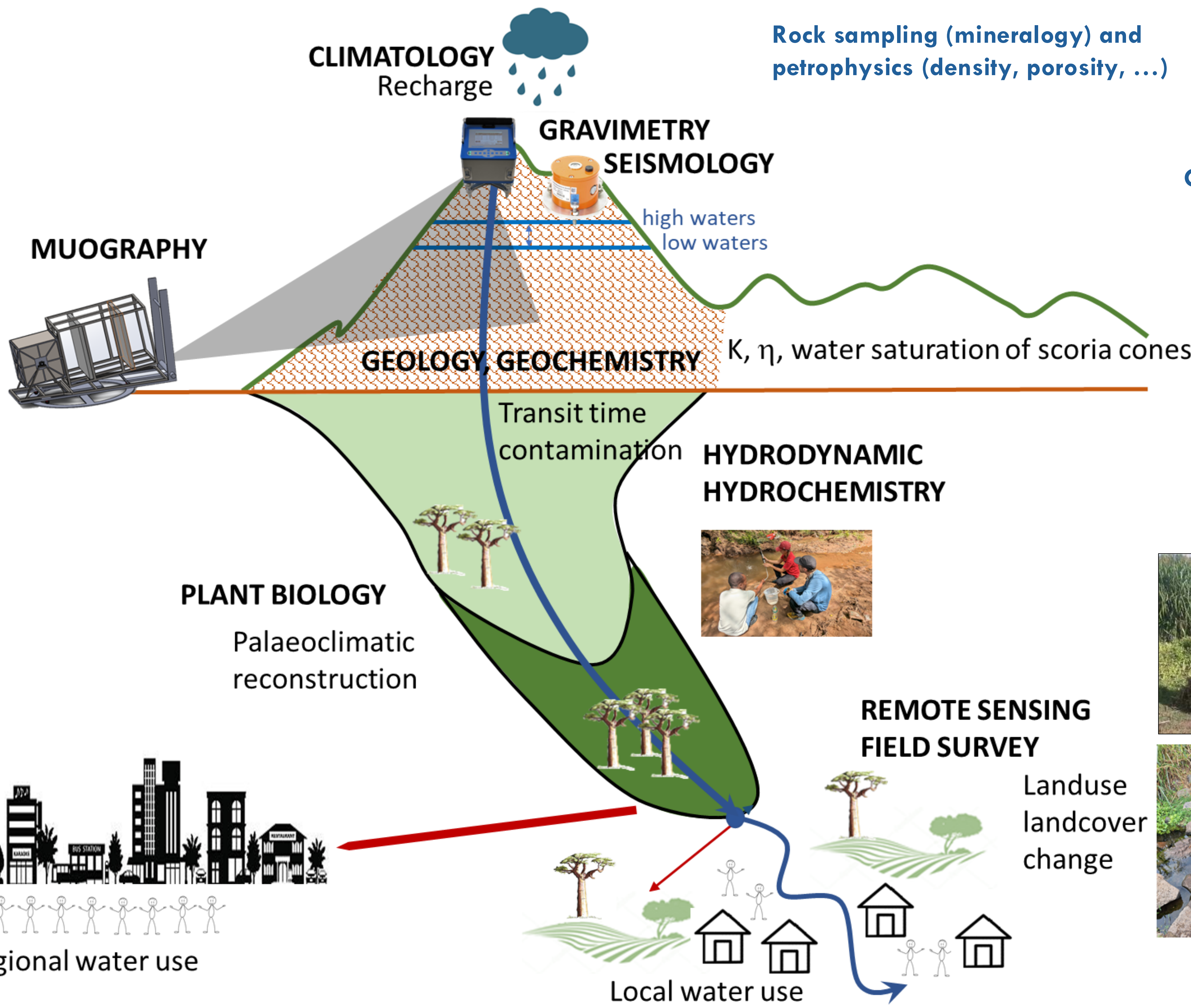
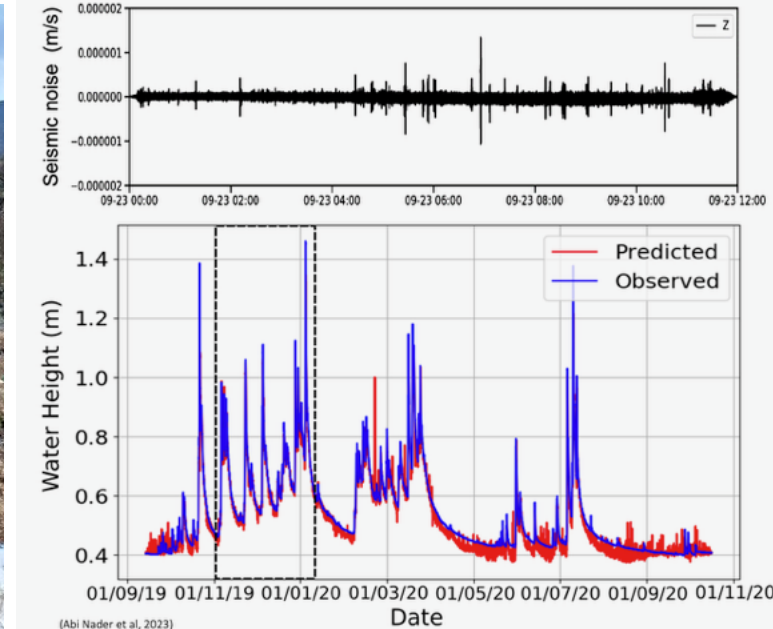


Muography and density estimation of the volcanic edifice.

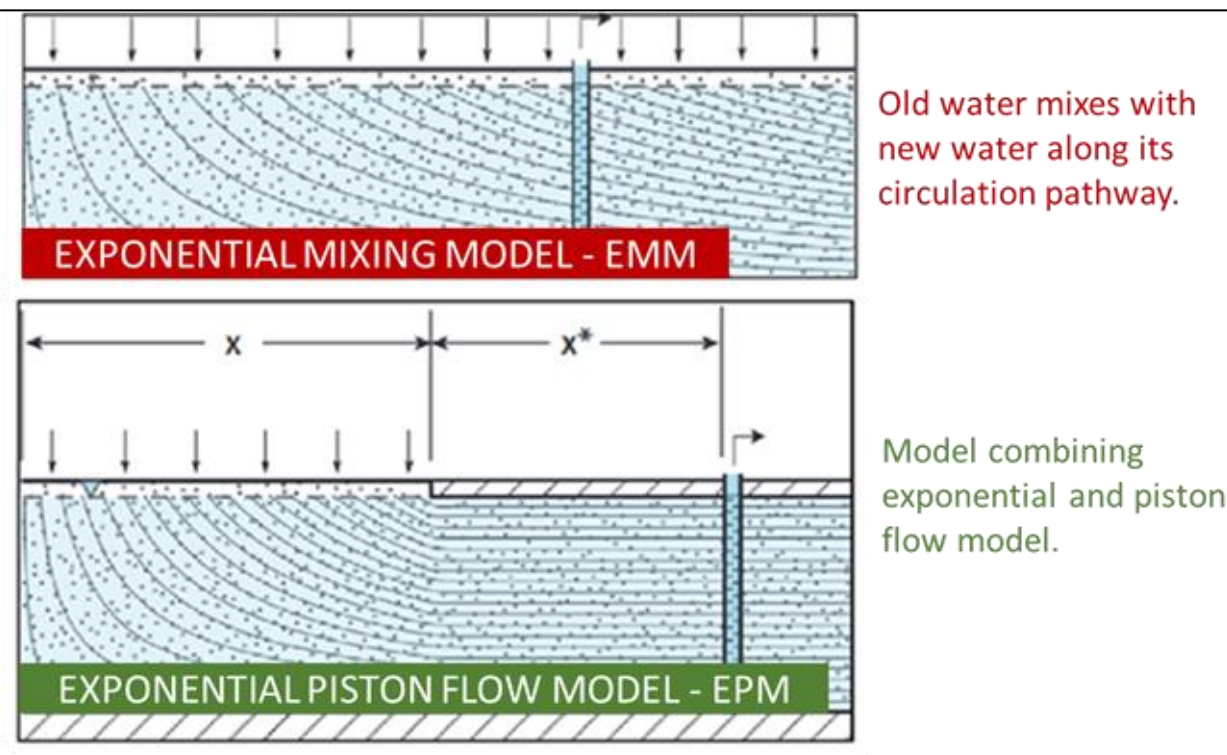
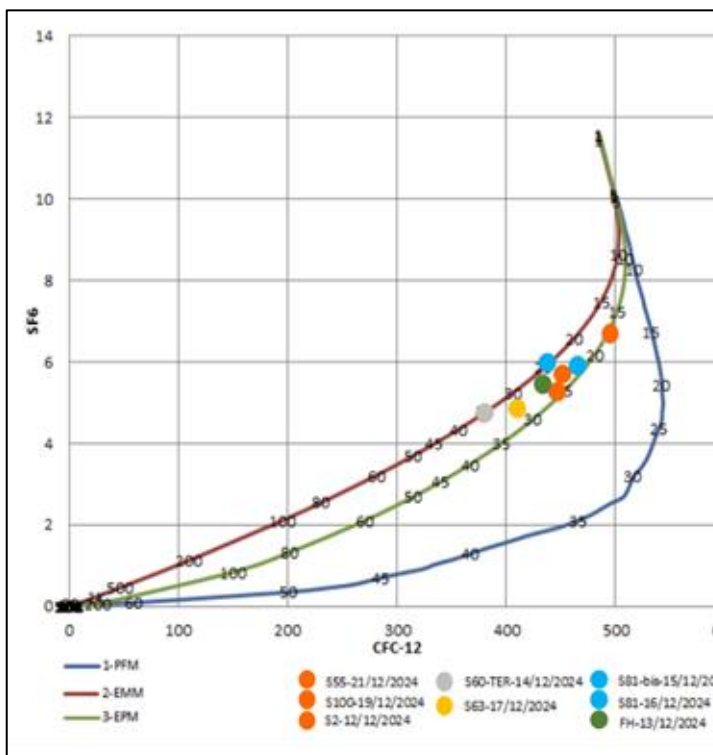
Gravimetry and mass distribution at depth



Environmental seismology



Groundwater characterization



Surface water description and land use mapping

