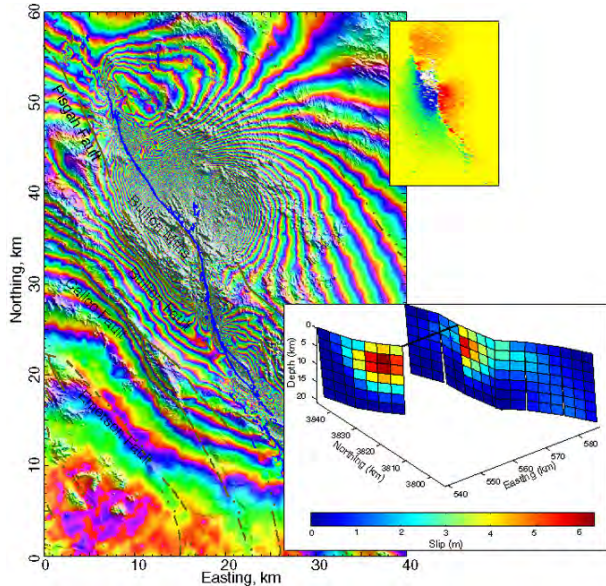


What is Geophysics?

the integration of geology, mathematics, and physics

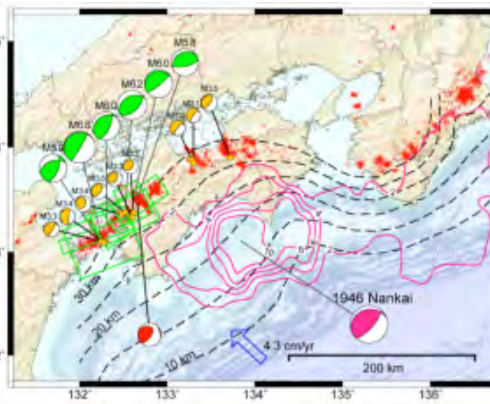


We use satellite-based radar to study deformation from earthquakes and active volcanoes.



We generate seismic waves to study faults and other features in the Earth's crust.

Geophysicists use **physical methods** to explore and **mathematical models** to analyze the **structure and dynamics of the earth**. Our new curriculum emphasizes the application of geophysical methods to studies in whole-earth geodynamics, natural resource exploration, natural hazards, and the freshwater contamination.



Interested? Visit us in the Mitchell Building, 3rd floor
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