

People | Faculty



Clement G. Chase

Professor, Geodynamics

[My research](#) focuses on global, regional, and plate tectonics, geodynamics, mantle isotopic evolution, crustal-scale faulting processes, flexural isostasy, large-scale erosional/depositional processes, and paleotopography.

Research Projects

- [Uplift of the Sierra Nevada, California](#)
- [Geoid Anomalies and Lithospheric Structure - The Aspen Anomaly and Colorado Plateau](#)
- [Flexure and Geoid Anomalies of the Southern American Plate](#)

Courses

- Geos 212, Introduction to Oceanography
- [Geos 419/519, Physics of the Earth](#)
- [Geos 440/540, Geodynamics](#)

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