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# Research proposal for RO 16-15: Novel crustal deformation models characterizing earthquake hazard and its uncertainties in the western U.S.

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## Research Objective

In order to understand where Quantifying seismic hazard requires an understanding of the faults have slipped in the past. it is important to know the C Quantifying the uncertainty The uncertainty (Hines and Hetland, 2016) and Hines and Hetland (2016)

## Work Plan

## Expenses

## References

Hines, T. T. and Hetland, E. A. (2016). Rapid and simultaneous estimation of fault slip and heterogeneous lithospheric viscosity from post-seismic deformation. *Geophysical Journal International*, 204(1):569–582.