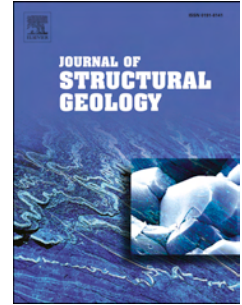


# Accepted Manuscript

The Fold Analysis Challenge: A Virtual Globe-Based Educational Resource

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Fold Analysis Challenge

A Digital Lab for Structural Geology

by  
Declan, Mladen, Paul,  
Barb, Steve

NSF DUE 1323419



Site 1 Site 2 Site 3 Site 4 Site 5

API version auto-scores students and awards medallions

Google Earth for Onsite and Distance Education

Great circles respond to movements of bedding planes

Fold axis and axial plane are fitted using stereonet

Students fit bedding planes to flat irons

Students fit periclinal fold model (red) to bedding traces On Google Earth

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