***Important information to accompany* *the hands-on model:***

**Simulation of Plate Tectonic Deformations in Southern California and Northern Baja California: a physical model and accompanying teaching materials.**

This is a physical model that approximately demonstrates the breakup and reorganization of southern California and Baja California during the establishment of the San Andreas fault system. The prototype of this model was first created for a student exercise in the “Jason XIV: Shore to Sea” project in the Santa Barbara Channel in 2003.

The download package includes all the materials usually included in a teachers' kit, available for at-cost purchase from Atwater. It includes a description of the geological history and possible classroom activities, a large colored model to be cut up and constructed (in the kit, this model has been laminated and constructed for you), two black and white xeroxable page-sized versions of the model, grey-scale and paint-by-number, with construction instructions, and a figure showing the geological steps that are being depicted by the model. For best results, the colored model sheets (A-4) should be printed on a large area color plotter (11"x14") and laminated.

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Please contact me with any questions and/or with any suggestions for how I can make these materials more useful to educators: atwater@geol.ucsb.edu