

*Special Earthquake Centennial Issue From BAY NATURE Magazine*  
**"In the Fault Zone: How Earthquakes Shape the Bay Area"**

According to seismologists at the U.S. Geological Survey, there is a 62% probability that the Bay Area will experience a major earthquake (Richter 6.7 or greater) some time in the next 30 years. A close look at the underlying geology of the Bay Area reveals why.

And that is just what BAY NATURE magazine is providing in the special earthquake centennial section to be bound into its April-June 2006 issue, available on March 27, 2006.

The approaching centennial of the 1906 Great Earthquake offers us a great opportunity to learn about the geology that underlies the Bay Area and the tectonic forces responsible for both our frequent earthquakes and our beautiful natural landscapes.

"In the Fault Zone: How Earthquakes Shape the Bay Area" deconstructs plate tectonics for the general reader and explains how tectonic forces are expressed in the land forms we see around us every day in the Bay Area. "In the Fault Zone" is also available as a 16-page stand-alone publication for distribution at 1906 centennial events and to classrooms in the Bay Area.

A lead article by science writer Horst Rademacher examines how our contemporary understanding of California's dynamic geology grew from the experience of the 1906 earthquake. Along the way, he introduces us to plate tectonics, with particular reference to the formation of California and the Bay Area. A second article by geologist Doris Sloan helps us decipher the workings of tectonic forces in five specific local land forms. A new Bay Area fault map, numerous photos, and several diagrams help to make the picture even clearer for a general audience.

You can preview a draft of this earthquake supplement by going to:  
<http://www.baynature.com/earthquakes/preview.html>.

The April-June 2006 issue and the stand-alone supplement will be available for distribution on March 27, 2006. Bulk copies of the 16-page supplement are available for purchase for as little as \$0.65 each, plus shipping. Individual copies of the magazine retail for \$4.95; bulk discounts are also available. To order, or for more information, contact Tracy Held at [\\_tracy@baynature.com\\_](mailto:_tracy@baynature.com_) or (510)528-8550. I hope you find this to be a useful resource for your centennial activities and for ongoing environmental education.