



ExperTalk Series

The ExperTalk Series is a great way for the community to learn more about topics related to Bolsa Chica, like local geology, history, and ecology, while also learning about current day issues relating to environmental conservation and other related fields.

“The Geologic History of Southern California” by speaker Eric Cathcart

Date and Time

Saturday, January 30th, 2021 1:30pm

Location

Virtual — via Zoom

Suggested Contribution

\$5.00 (per person)

RSVP

<https://bolsachica.org/expertalk-series/>

For more information

Phone: (714) 846 - 1114

Email one of our coordinators:

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Synopsis

California is renowned throughout the world for our biological diversity, but the geologic history of the region is just as fascinating as our plant and animal life. The geology of California is highly complex, with numerous mountain ranges, substantial and historically intense tectonic activity, and rich natural resources that have made the state a mining hotspot. But what exactly happened all those millions of years ago that shaped California as it is today? To find out, join the Conservancy and Eric Cathcart as he describes the very unique conditions that created the geologic wonders of Southern California.

Speaker Biography

Eric Cathcart, M.S. is a professor of environmental and ocean sciences at the University of San Diego. Cathcart earned his Masters of Science from USD in 1996, and is also a licensed California Professional Geologist as well as an environmental consultant. In terms of scholarly work, Cathcart has published multiple reports and articles for government regulatory agencies and professional journals, with the majority of his work focused on isotope geochemistry, micropaleontology, sedimentology, hydrology, and metal contamination, among others. Currently, Cathcart is researching the geogenic concentrations of metals in formations throughout San Diego County, which will be utilized by local government, researchers and regulatory agencies to establish background and health risk-based thresholds for remediation of contaminated properties. Cathcart is also actively involved with community science education and outreach, and is involved with organizations like SeaCamp, Ocean Discovery Institute, and Tecolote Canyon Natural Park and Nature Center.

