

For
Adults

Eco-Expert

November 19
2020
6pm–7pm

*Landscape &
Geology History
of the Oso Bay
Wetlands
Preserve*



Randy Bissell - Geologist

Considering the landscape at the Oso Bay Wetlands Preserve, there are **three** basic geologic components—the Beaumont Uplands, the Wisconsinian Unconformity, and the Holocene Bay Fill.

Most of the preserve is made up of Beaumont Uplands which are comprised of the ~450,000- to 125,000-year-old “Beaumont Formation” clays, commonly containing oyster shells.

The Wisconsinian Unconformity is not a unit, but rather a surface. It is the gentle erosional face or slope that fronts the Cayo de Oso Bay.

Sea-level rise in the last 15,000 years has resulted in the Holocene Bay Fill, or the flat sandy and salty wetlands of the intertidal environment. The fine sands and silts drape onto the Wisconsinian Unconformity. The present-day sea level fills the estuary and tides, or heavy rains may flood the lowlands. The Beaumont Formation and the Holocene intertidal fill represents a time gap of over 100,000 years!

- Register at <https://register.ccparkandrec.com/>. **Once registered, you will receive an email with a Zoom link that will allow you to attend this meeting.**
- This **FREE** program is designed for individuals and families with children ages 12+.

For more information, contact Miranda Lopez at (361) 826-3947 or MirandaL3@cctexas.com.



OsoBayWetlandsPreserveAndLearningCenter



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RECREATION**

osopreserve.com

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