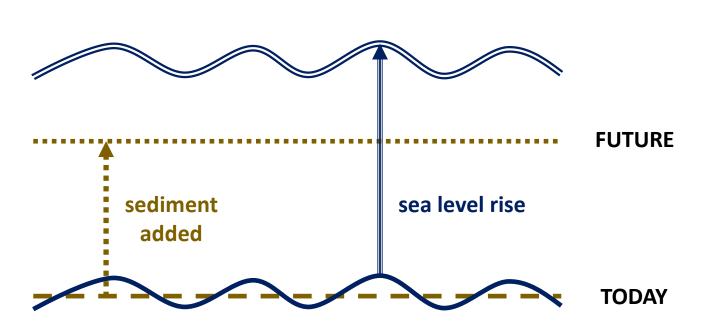
Agenda Item: 7

Meeting Date: November 21, 2019

Attachment 2

Sea level rise forecasted to drown intertidal mudflats in San Pablo Bay



~ water level

--- intertidal mudflat elevation

So what?

This forecasting model of intertidal mudflats will inform how sea level rise may affect intertidal areas in the Delta. The model results will provide valuable input on how restoration and management actions can be improved to better address the needs of different areas in the Delta.

Intertidal Area Disappears Under Sea Level Rise: 250 Years of Morphodynamic Modeling in San Pablo Bay, California. Elmilady, H., M. van der Wegen, D. Roelvink, and B.E. Jaffe. *Journal of Geophysical Research: Earth Surface*. January 2019.

^{*}exaggerated to show differences