

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (Naomi Feger)
MEETING DATE: October 10, 2018

ITEM: 7A

SUBJECT: **Ocean Protection Council: 2018 Update of the State of California Sea-Level Rise Guidance** - Presentation by Ocean Protection Council Staff

DISCUSSION: This item is a presentation by Ocean Protection Council staff on the Council's 2018 updated sea level rise (SLR) guidance for State and local agencies. The 2008 [guidance](#) proposes a methodology for decisionmakers to analyze and assess the risks posed by SLR based on the best available science (e.g., [Griggs et al. 2017](#)); provides a framework for incorporating SLR into planning, permitting, and investing decisions; and describes preferred multi-benefit coastal adaptation approaches and strategies. The Council developed the 2018 guidance through a multi-year process that included extended consultation with municipal leaders, partner stakeholders, State coastal management agencies, and the Coastal and Ocean Working Group of California's Climate Action Team (CO-CAT).

The 2018 guidance incorporates the findings of a broad range of climate change research published since 2012, particularly advances in ice loss science that indicate that the rate of ice loss from the Greenland and West Antarctic ice sheets is increasing and that this loss will soon become the largest component of global SLR. The 2018 guidance assigns statistical probabilities to a range of potential SLR scenarios to help planners and decisionmakers contextualize the risk associated with planning for particular levels of SLR. Council staff will present on the basis for development of the guidance; the framework for incorporating SLR into planning, permitting, and coastal adaptation; and the expectations statewide for use of the guidance.

RECOMMEN- Information item – no action is required.
DATION