

## Both projects look at inundation

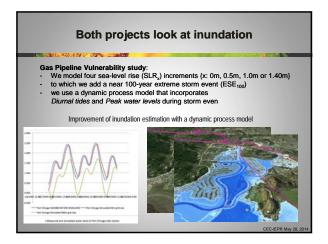
## Transportation study:

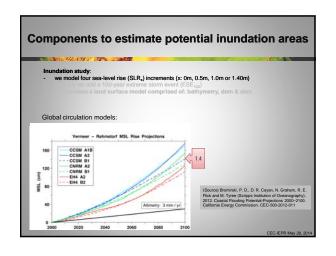
- We model four sea-level rise (SLR<sub>x</sub>) increments {x: 0m, 0.5m, 1.0m or 1.40m}
- to which we add a 100-year extreme storm event (ESE<sub>100</sub>)
- we use a pathway (rather than bathtub) model

## Over estimation of inundation with a 2.0 m Improvement of inu (water Level) using a <u>bathtub</u> model m (water level) with

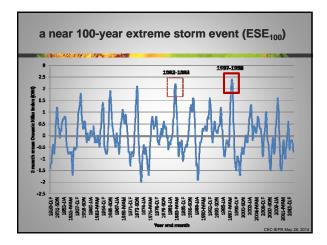
Improvement of inundation estimation with a 2.0 m (water level) with water  $\underline{\text{pathway}}$  model

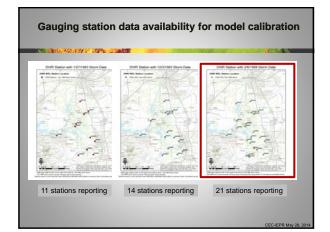


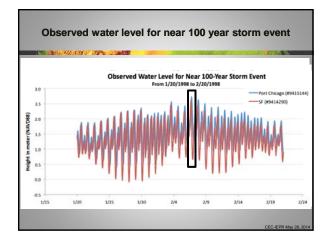


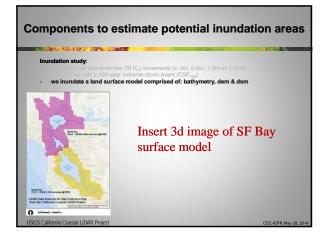


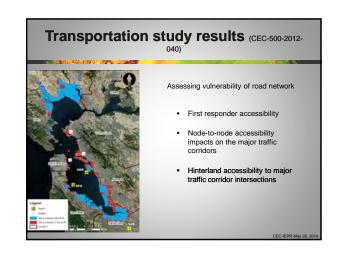
	Inundation		e (SLR.,) increments (x: 0m, 0.5	
	<ul> <li>to which</li> </ul>	h we add a 100-year	extreme storm event (ESE <sub>100</sub> )	
	-		alculation from NOAA at San Fr	
Probability		Recurrenc	e Interval	High water level
1.00%		100		2.60
10.0	0%	10		2.45
50.0	0%	2		2.29
99.0	0%	1		2.10
		High and low water		close to the 1% Annual Exceedance
			Probability Level	-
		Station Name	Date of High Water Event	Compare to 100-year storm
- H	Number			
9414290	San Francisco	1/27/1983 - 2.707m	Exceeded	
			12/3/1983 - 2.674m	Exceeded
			2/6/1998 - 2.587m	Not exceeded, but was close to it











## 5/29/2014

