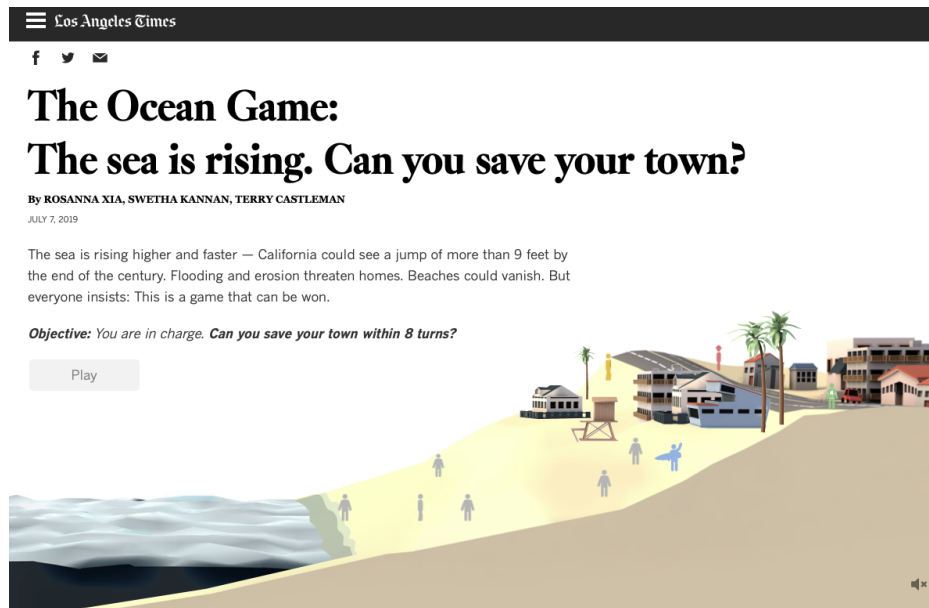


Course: Climate Change and Social Action
Sea Level Rise Activity, Week 3



What would you do to save your city from sea level rise?

Purpose of the Activity: This week, we will learn about climate change adaptation using the real-life example of sea level rise, which is impacting many coastal cities. You will act as city managers and try to save your city from sea level rise using an interactive, online game created by the Los Angeles Times newspaper.

Learning Outcomes:

Course Learning Outcome: Students will be able to formulate climate adaptation and mitigation strategies for a region of their choice.

Lesson Learning Outcome:

- Learning outcome 1: Role play as city managers to simulate adaptation strategies around sea level rise
- Learning outcome 2: Articulate the challenges and hard choices around climate change mitigation

Required Materials: Everything for this activity is online. I have a brief lecture on our Canvas page. You can choose to either read or listen to a background reading/podcast. You will need to play the [LA Times Ocean Game - online here](#) (This game has worked for me on Safari, Firefox and Chrome browsers.)

M. Kelsey Lane
Formative Assignment

Instructions:

1. Watch the weekly lecture
2. Background Reading:
 - a. Read this [Los Angeles Times article](#) about sea level rise OR
 - b. Listen to [This American Life podcast](#) about sea level rise in California
3. Play [The Ocean game](#) from the LA Times.
 - a. Your goal is to save your town from sea level rise in 8 turns.
4. Fill in the discussion prompts on the class Padlet by Friday of Week 3
 - a. Did you save your town?
 - b. How much money did you spend?
 - c. What would you do differently in the future?
5. Reflect on the Class Discussion Board by Friday of Week 3
 - a. Reflect on your experience playing the game and how it was similar or different to your peers' experiences from the Padlet?
 - b. What do you think coastal communities can do to adapt to sea level rise? What are the best strategies, and will there be resistance to these choices?
 - c. Response should be around 250 words.
6. Respond to at least two other students' discussion posts by Sunday of Week 3. Your response should be at least 100 words and include a clarifying question.

Assessment Rubric:

	Excellent	Good	Fair	Incomplete
Padlet Discussion Prompts	Answer all 3 prompts (5 pts)	Answer 2 of 3 (4 pts)	Answer 1 of 3 (2 points)	Not completed (0 pts)
Discussion Board Reflection	Answers all prompts, ~250 words (5 pts)	Addresses most of the prompt, close to expected length (4 pts)	Does not adequately address prompts or is too short (2 pts)	Not completed (0 pts)
Discussion Board Response	Two responses, ~100 words (5 pts)	One response, ~100 words (4 pts)	---	Incomplete (0 pts)
			TOTAL	15 points