

## Public Opinion Poll

We are conducting a public opinion poll as part of our class at California State University Channel Islands. Thank you for consenting to participate by completing this brief questionnaire. The survey takes approximately 13 minutes to finish. It will be used to gauge public opinion about topics we are discussing in our class. If you have any questions or are interested in our results, please contact our professor Dr. Sean Anderson (Sean.Anderson@csuci.edu). Thank you again!

1. When you hear *California*, what first comes to mind? \_\_\_\_\_
2. When you hear *the coast*, what first comes to mind? \_\_\_\_\_
3. Do you know of any "wetlands" (marshes, bogs, swamps, *etc.*) within 50 miles of your home?  
☐ Yes                      ☐ No                      ☐ I don't know
4. How have California's wetlands changed over the last 150 years?  
☐ decreased              ☐ stayed about the same              ☐ increased              ☐ I don't know
5. If you believe wetlands have changed, by how much have they increased or decreased?  
☐ 1-20%    ☐ 21-40%    ☐ 41-60%    ☐ 61-80%    ☐ 81-100%
6. Global Climate Change is a major problem we need to address now.  
☐ agree                      ☐ disagree                      ☐ I don't know
7. Might climate change have played a role (intensity, size, *etc.*) in our recent 2017 hurricanes?  
☐ very likely    ☐ somewhat likely    ☐ no strong opinion    ☐ somewhat unlikely    ☐ very unlikely    ☐ I don't know
8. Overall, we are taking too many fish from the sea.    ☐ agree    ☐ disagree    ☐ I don't know
9. I have avoided going to certain beaches as locals made it very clear I was not welcome there.  
☐ agree                      ☐ disagree                      ☐ I don't know
10. I feel less safe/more threatened in open spaces (parks, beaches, *etc.*) in 2017 compared to 2015.  
☐ agree                      ☐ disagree                      ☐ I don't know
11. If we define "the coast" as the area within 10 miles of the ocean, how much money do you estimate you spent at the coast in the past 7 days (gas, food, entertainment, rent, *etc.*)? \_\_\_\_\_
12. Think about the different factors that may be influencing California's coastal resources. Which factor do you think plays a *bigger* role: nature or people?  
☐ Natural Forces    ☐ Human Actions    ☐ both    ☐ neither

13. How much of a threat to California's coastal areas (beaches, oceans, estuaries, *etc.*) are the following: (please rank these options from 1 thru 4; with 1 = greatest and 4 = lowest threat)

- ☐ Pollution
- ☐ Exotic plants & animals
- ☐ Excessive hunting/fishing/collecting
- ☐ Habitat fragmentation/destruction

14. How old were you when you first visited the beach / ocean? \_\_\_\_\_

15. I use the following sources for my news: (mark all that apply)

- ☐ newspaper (print) ☐ magazine (print) ☐ TV ☐ radio ☐ internet: news site
- ☐ internet: social media (FB, twitter, *etc.*) ☐ other (\_\_\_\_\_) ☐ I don't know

16. Overall, California is adequately managing our coastal and marine resources.

- ☐ agree ☐ disagree ☐ I don't know / unsure

17. The health of California's coastal ocean is better now than 60 years ago.

- ☐ agree ☐ disagree ☐ I don't know / unsure

18. Which of the following institutions have you heard of? (mark all that apply)

- ☐ California Coastal Commission ☐ Mountains Recreation & Conservation Authority
- ☐ California Coastal Conservancy ☐ Calif. Ocean Protection Council
- ☐ California Dept. of Boating & Waterways ☐ California State Lands Commission
- ☐ National Oceanic & Atmospheric Administration ☐ Coast Guard
- ☐ Santa Monica Bay Restoration Commission ☐ Bureau of Ocean Reclamation
- ☐ Santa Monica Mountains Conservancy ☐ Pacific Fishery Management Council
- ☐ Bureau of Ocean Energy Management ☐ Western Oceanic Ocean Authority
- ☐ Bureau of Safety & Environmental Enforcement ☐ Clean Seas
- ☐ Rotation Commission for Ocean Protection (aka Solkov Commission)

19. California's marine fisheries are healthier and more abundant now than 60 years ago.

- ☐ agree ☐ disagree ☐ I don't know / unsure

20. When I purchase seafood in a market or restaurant, I ask where it comes from:

- ☐ always or nearly always
- ☐ occasionally ☐ I do not eat seafood
- ☐ rarely
- ☐ never ☐ don't know / unsure

21. I typically eat seafood: (choose only one)

- ☐ daily ☐ monthly ☐ once a year
- ☐ weekly ☐ a few times a year ☐ never

22. Over the past 7 days, how many ounces of seafood did you eat (note: a serving the size of a deck of playing cards weighs about 3 ounces)? Approximately \_\_\_\_\_ ounces.

23. It is safe to eat seafood from: (select one answer per row)

|                                 |                                |                                  |                                   |                                                |
|---------------------------------|--------------------------------|----------------------------------|-----------------------------------|------------------------------------------------|
| Gulf of Mexico:                 | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| Santa Barbara Channel:          | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| California (outside SB Channel) | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| Alaska:                         | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| Japan:                          | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| China:                          | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| Norway:                         | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |
| Thailand:                       | <input type="checkbox"/> agree | <input type="checkbox"/> neutral | <input type="checkbox"/> disagree | <input type="checkbox"/> unsure / I don't know |

24. Which of the following should be used in determining the value of natural areas?

(mark all that apply)

☐ Natural Beauty   ☐ Ecology   ☐ Uniqueness   ☐ Endangered Species  
☐ Economics   ☐ Recreation   ☐ other (\_\_\_\_\_)

25. Current laws protecting endangered species need to be: (choose only one)

☐ eliminated   ☐ made less severe   ☐ kept the same   ☐ expanded   ☐ I don't know

26. What was the last natural area (*e.g.* a forest, a beach, a mountain) you visited before today?

\_\_\_\_\_

27. Last time you went to the beach, how far did you travel to get there (in miles)? \_\_\_\_\_

28. How often do you visit these areas?

| area                                                         | daily                    | weekly                   | monthly                  | few times<br>a year      | once a<br>year           | less than<br>once a yr.  |
|--------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| any natural areas ( <i>e.g.</i> forests, beaches, mountains) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| southern California beaches                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California's Channel Islands                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| National Parks                                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

29. Have you ever visited any of these Channel Islands? (mark all that apply)

☐ San Miguel   ☐ Santa Rosa   ☐ Santa Cruz   ☐ Anacapa  
☐ Santa Barbara   ☐ San Nicolas   ☐ San Clemente   ☐ Santa Catalina

30. The correct response to these coastal disasters was/is:

| For theses cities/areas, we should rebuild _____:       | all                      | most                     | parts                    | none                     | I don't<br>know          |
|---------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>New Orleans</b> after Hurricane <b>Katrina</b>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>New York/New Jersey</b> after Hurricane <b>Sandy</b> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Malibu</b> after the <b>2007 fires</b>               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Houston</b> after Hurricane <b>Harvey</b>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Key West</b> after Hurricane <b>Irma</b>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Mumbai, India</b> after the <b>2017 monsoons</b>     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

31. When it comes to the coast, I think our government... (choose only one)

☐ is doing too many things better left to businesses, individuals  
☐ should do more to solve problems  
☐ I don't know

32. The potential use of small, private aerial drones (aka UAVs) in coastal California would be:

☐ very bad ☐ bad ☐ I'm neutral ☐ good ☐ very good ☐ I don't know/unsure

33. Have you personally ever operated a drone (aka UAV)?

☐ yes, many times ☐ yes, once or a few times ☐ no ☐ I don't know/unsure

34. My ideal beach would: (select one option per row)

|                                                                |     |                                                                           |
|----------------------------------------------------------------|-----|---------------------------------------------------------------------------|
| <input type="checkbox"/> have no/few people                    | vs. | <input type="checkbox"/> have lots of people                              |
| <input type="checkbox"/> have primarily fine, sugary sand      | vs. | <input type="checkbox"/> have lots of rocks, driftwood, kelp, <i>etc.</i> |
| <input type="checkbox"/> have lots of easy, free parking       | vs. | <input type="checkbox"/> have no or limited public parking                |
| <input type="checkbox"/> have no birds or animals              | vs. | <input type="checkbox"/> have all kinds of birds, seals, <i>etc.</i>      |
| <input type="checkbox"/> have no dogs                          | vs. | <input type="checkbox"/> allow dogs to run around off leash               |
| <input type="checkbox"/> groomed/raked daily                   | vs. | <input type="checkbox"/> have a wild, "natural" look to it                |
| <input type="checkbox"/> stretch to the horizon                | vs. | <input type="checkbox"/> be tucked inside a little, secluded cove         |
| <input type="checkbox"/> have lots of concessions              | vs. | <input type="checkbox"/> have no food sales, bathrooms, <i>etc.</i>       |
| <input type="checkbox"/> have lots of children                 | vs. | <input type="checkbox"/> have no/few children                             |
| <input type="checkbox"/> have a great surf break               | vs. | <input type="checkbox"/> be protected with only gentle waves              |
| <input type="checkbox"/> be an easy walk from my car           | vs. | <input type="checkbox"/> be a challenging hike down a steep cliff         |
| <input type="checkbox"/> have people fishing                   | vs. | <input type="checkbox"/> have no fishermen                                |
| <input type="checkbox"/> have many bathrooms/showers           | vs. | <input type="checkbox"/> no bathrooms/showers                             |
| <input type="checkbox"/> have lots of people from my community | vs. | <input type="checkbox"/> people from outside my community                 |

35. Commercial fishing off of California's coast is:

☐ overregulated ☐ regulated about right ☐ underregulated ☐ I don't know

36. I have heard of the following in relation to seafood: (mark all you have heard of)

☐ MSC ☐ Monterey Bay Aquarium Seafood Watch Card ☐ Blue Ocean Institute Guide  
☐ California Sustainable Seafood Initiative ☐ Dolphin Safe ☐ Sustainable Seafood  
☐ Ty Warner Sea Center Sustainable Seafood ☐ Seafood for the Future ☐ Naturland  
☐ SeaGT Purple-Green Certification ☐ Ninth Hour Guide ☐ FishWise

37. Which recreational activities have you engaged in at (or near) the coast in the past 6 months?

(mark all that apply)

☐ sailing ☐ power boating ☐ BBQ/fires ☐ camping ☐ surfing ☐ diving  
☐ playing ☐ exercising ☐ swimming ☐ wildlife viewing ☐ riding horses  
☐ fishing ☐ spear fishing ☐ drinking/dining ☐ attending sport event ☐ hunting  
☐ ORVing ☐ walking/hiking ☐ sun bathing ☐ attending music/theater/art event  
☐ kayaking ☐ driving for the fun of it ☐ paint/photography ☐ other (\_\_\_\_\_)

38. What is the best way to move the oil we extract from the Santa Barbara Channel to refineries?  
 \_\_\_ ships \_\_\_ trucks \_\_\_ pipelines \_\_\_ other (\_\_\_\_\_) \_\_\_ unsure

39. Which approaches to protect fish and shellfish populations are you familiar with?  
 (mark all that apply)  
 \_\_\_ seasonal closures \_\_\_ size limits \_\_\_ gear limitations \_\_\_ marine reserves (or MPAs)

40. Which of the following comes closer to your opinion of our economic system in the U.S.:  
 \_\_\_ The economic system is rigged in favor of certain groups.  
 \_\_\_ The economic system is fair to all Americans.  
 \_\_\_ I don't know

41. What is your impression of these actions/policies?

| issue                                                          | very negative | negative | neutral | positive | very positive | I don't know |
|----------------------------------------------------------------|---------------|----------|---------|----------|---------------|--------------|
| California's cap-and-trade market for CO <sub>2</sub>          |               |          |         |          |               |              |
| Beach nourishment (pumping sand onto beaches to curb erosion)  |               |          |         |          |               |              |
| Efforts to prevent homeless camping on beaches/parks/riverbeds |               |          |         |          |               |              |
| 2016 firing of Coastal Commission Executive Director           |               |          |         |          |               |              |
| The U.S. exiting from the Paris Climate Accord                 |               |          |         |          |               |              |
| Moving power plants inland/off our beaches/coastal wetlands    |               |          |         |          |               |              |
| Permitting the cultivation of marijuana for recreational use   |               |          |         |          |               |              |
| Shutting down Diablo Canyon Nuclear Power Plant in 2025        |               |          |         |          |               |              |
| Proposal to halve the amount of gasoline used in CA by 2030    |               |          |         |          |               |              |
| Trump's proposed reductions to National Monuments              |               |          |         |          |               |              |

42. Offshore oil drilling off of the California coast should be: (choose only one)  
 \_\_\_ expanded \_\_\_ continued as now (only existing leases drilled/pumped)  
 \_\_\_ reduced \_\_\_ eliminated \_\_\_ I don't know / unsure

43. The joint BP-federal response to the *Deepwater Horizon* oil spill in the Gulf of Mexico was:  
 \_\_\_ excellent \_\_\_ good \_\_\_ neutral \_\_\_ bad \_\_\_ horrible \_\_\_ I don't know

44. The joint industry-government response to the 2015 *Refugio Oil Spill* in Santa Barbara was:  
 \_\_\_ excellent \_\_\_ good \_\_\_ neutral \_\_\_ bad \_\_\_ horrible \_\_\_ I don't know

45. How did the following events change your support for these activities?

| My attitudes towards...became:                                                                                                | Less supportive | No change | More supportive | unsure |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|-----------------|--------|
| offshore <b>oil drilling</b> , after 2010 <i>Deepwater Horizon</i> oil spill                                                  |                 |           |                 |        |
| offshore <b>oil drilling</b> , after 2015 Refugio oil spill                                                                   |                 |           |                 |        |
| offshore <b>oil drilling</b> , after 2016 <i>Apomímsi</i> tanker sinking off Hawaii                                           |                 |           |                 |        |
| <b>oil drilling</b> , after 2016 Aliso Canyon/Porter Ranch natural gas leak                                                   |                 |           |                 |        |
| <b>nuclear power</b> plants in the coastal zone, after 2011 <i>Fukushima Dai-ichi</i> power plant meltdown in Japan           |                 |           |                 |        |
| <b>nuclear power</b> plants in the coastal zone, after 2012 leak/shutdown of <i>San Onofre</i> nuclear plant in Orange County |                 |           |                 |        |

The National Flood Insurance Program is our federal government’s back-stop insurance program to cover homeowners impacted by flooding.

46. If you had to guess, would you say this program probably has a:

\_\_\_ Surplus      \_\_\_ Deficit      \_\_\_ unsure / I don't know

47. Whose taxes should primarily support/underwrite the National Flood Insurance Program?

(mark all that apply)

\_\_\_ everyone in U.S. \_\_\_ coastal states \_\_\_ flood-prone areas \_\_\_ nobody \_\_\_ I don't know

*These last few demographic questions help us understand how well we've sampled our community:*

48. What is your zip code? \_\_\_\_\_

49. Years you have lived at this zip code: \_\_\_\_\_

50. What is your occupation? \_\_\_\_\_

51. Year you were born: \_\_\_\_\_

52. Your household's annual income:

☐ < \$30,000    ☐ \$30–60,000    ☐ \$60–90,000    ☐ \$90–120,000    ☐ \$120–150,000    ☐ > \$150,000

53. Do you vote regularly? ☐ Yes ☐ No

54. Gender: ☐ Male ☐ Female

55. What is the highest level of education you have attained?

☐ Some High School   ☐ High School   ☐ some College   ☐ College Degree   ☐ Post Graduate

56. What language(s) do you speak at home? ☐ English ☐ Spanish ☐ other ( )

57. When it comes to environmental issues, my views are generally:

very  
☐ conservative   ☐ conservative   ☐ moderate   ☐ liberal   ☐ liberal   ☐ no opinion