

California's Submerging Coastline



California, known for its stunning landscapes, vibrant cities, and diverse culture, is facing a significant environmental challenge: the slow but steady submergence of its coastline. This phenomenon is caused by a combination of factors,

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Another factor impacting California's coastline is coastal erosion. Coastal erosion occurs when the natural processes of waves, tides, and storms wear away the land along the coast. While this is a natural process, it has been exacerbated by human activities such as the construction of buildings and roads near the coast, disrupting the natural flow of sand and sediments that help protect the shoreline.

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California's coastline is a dynamic landscape, featuring diverse ecosystems like beaches, wetlands, and cliffs. However, as the sea levels rise and coastal erosion continues, these habitats are under threat. For example, rising sea levels can flood coastal wetlands, destroying essential habitats for birds and marine life.

Additionally, beach erosion can lead to the loss of recreational areas enjoyed by

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construction of sea walls and levees to reduce the impact of rising sea levels.

Additionally, many communities are working to raise public awareness about climate change and its consequences for California's coast.

As sixth-graders, you can also play a vital role in helping combat this issue. Learning about climate change, reducing your carbon footprint, and participating

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in community clean-up efforts can all make a difference. By taking action now, you can contribute to preserving California's stunning coastline for future generations.

In conclusion, California's submerging coastline is a complex issue caused by rising sea levels and coastal erosion. It affects the environment, economy, and the

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1) What is meant by "infrastructure" in the context of the passage?

2) **Preview**

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3) 4) What are the main factors contributing to California's coastline submergence?

- A) Volcanic activity and earthquakes
- B) Deforestation and pollution
- C) Rising sea levels and coastal erosion
- D) Urbanization and population growth

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5) Identify and explain the figurative language used in the sentence below:

California's coastline is a dynamic landscape.

- A) Metaphor
- B) Simile
- C) oxymoron

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