

Name _____

Rising Tides: The Impact of Climate Change on Sea Levels

Multiple Choice Questions

1. What contributes to rising sea levels as a result of climate change?
 - a) Decreasing temperatures in polar regions
 - b) Melting ice caps and glaciers
 - c) Expansion of oceanic wildlife populations
 - d) Reduction in ocean salinity levels

2. How does thermal expansion contribute to rising sea levels?
 - a) It results in the expansion of seawater
 - b) It leads to the formation of icebergs
 - c) It causes seawater to contract
 - d) It has no impact on sea levels

3. What is a consequence of coastal erosion exacerbated by rising sea levels?
 - a) Decreased risk of flooding
 - b) Preservation of coastal habitats
 - c) Damage to infrastructure and communities
 - d) Expansion of coastal landmasses

4. How does seawater intrusion impact coastal areas?
 - a) It enhances agricultural productivity
 - b) It reduces salinity levels in soils
 - c) It leads to flooding of coastal regions
 - d) It causes contamination of freshwater sources

5. What is one potential consequence of rising sea levels for coastal communities?
 - a) Increased coastal biodiversity
 - b) Enhanced recreational opportunities
 - c) Displacement of communities
 - d) Expansion of coastal economies

