

# Cause and Effects of Climate Change

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For your topic, research (keep record of citations):

- Where the phenomenon is or might be happening
- Describe the phenomenon or event to someone who knows nothing about it
- In detail, describe the causes of the phenomenon or event
  - Infer or Describe link to Greenhouse Gases, Global Temperatures, and any other causes
  - Infer or Describe link to human activities and human population
- Describe the effects of the phenomenon or event (what people or animals in these locations are experiencing)
- Use evidence and data to support causes and effects (use numbers, graphs, maps, etc. when available)



# General Information

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NCA Publication - Focus on Figures 1.1  
and 1.2





# Coastal and Island Flooding

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Solomon Islands Flooding  
Sea Level Rise and Island Flooding  
Sea Level and Flooding Simulator






# Thawing Permafrost

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Permafrost and Carbon  
Permafrost and Alaska  
Caribou Populations





# Thawing and Mining

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Russian/China Oil Drilling  
Oil Production in Russia  
Oil and Gas Production





# Increased Rainfall

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Increased Rainfall, Less Snow, More Flooding  
Precipitation Patterns






# Species/Habitat Changes

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Species and Climate Change  
Precipitation and Species  
Northern Fish





# Extinction

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Polar Bears  
Penguins








# Wildfires

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Wildfires and Climate Change  
Wildfires and Climate Change #2  
California Wildfires  
Australian Wildfires





# Increased Natural Disasters

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Natural Disasters





# Ocean Acidification

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What is Ocean Acidification?

Oyster Impact

Ocean Acidification





# Droughts

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U.S. Drought Monitor  
Extremes  
Climate Change and Droughts





# Growing Seasons

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Growing Seasons in the U.S.  
Longer Growing Season  
Michigan Example

