

# Environmental and Economic Impacts of Climate Change

By

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January 30, 2024

# Droughts

- Greater frequency and intensity
- Monetary influences
  1. More government spending on fighting wildfires
  2. Elevated food prices

# Floods

- More often and severe
- Financial effects
  1. Insurance fees will go up
  2. Food prices will escalate

# Heat Waves

- More frequent and extreme
- Monetary influences
  1. Higher energy bills
  2. Surge in medical expenditures

# More Extreme Tropical Cyclones

- Higher wind speeds and rainfall totals
- Economic outcomes
  1. Increase in government spending on disaster relief and aid
  2. Surge in insurance rates

# Glacier and Sea Ice Melting

- Sea level rise
- Financial impacts
  1. Water bills will go up
  2. Escalation in home prices

# Extinctions and Declines in Wildlife Populations

- Wildlife must adapt or perish
- Economic outcome
  1. Elevated merchandise prices

# Solutions

- Generate electricity using solar, wind or geothermal energy
- Use vehicles that run on electricity and other forms of alternative energy
- Remove greenhouse gas molecules from the atmosphere with machines
- Convert more areas into forest



# Bibliography

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Withgott, J. and Laposata, M., 2019: *Essential Environment The Science Behind the Stories*. New York City, NY: Pearson Education, Inc., 6, 176-180, 320-331, 382-396.

# Questions?