

# Quick Guide to Climate Reports



International Arctic Research Center

## Another climate report, so what?

A new regional, national or international synthesis report on climate change seems to come out every few months. What makes them different, how are they used, who coordinates the science & expert contributions?

- Led by
- Audience
- Timing
- Scope
- Region

## State of the Climate

In Bulletin of the American Meteorological Society (BAMS)

- American Meteorological Society
- Annually since 1996
- Global, emphasis on US
- Engaged professionals
- Review of past year's temperature, snow, ice, ocean, greenhouse gases & clouds

## Arctic Report Card

Similar to State of the Climate Arctic chapter, but more detailed

- NOAA
- Annually since 2006
- Arctic
- Broad audience
- Near real time climate summary of temperature, snow, ice, ocean, vegetation & special topics

## IPCC

Intergovernmental Panel on Climate Change

- United Nations
- Every 5-7 years since 1990
- Global
- World governments
- Emphasis on projections & major policy recommendations for governments; also a bibliography of changes, causes, literature review & research summary

## AMAP

Arctic Monitoring and Assessment Programme, contributes to IPCC Arctic chapter

- Arctic Council
- Every few years since 2005
- Arctic
- Policy & decision makers
- Changes, focus on contaminants, stakeholder adaptation & mitigation recommendations for sectors like Arctic shipping, subsistence, etc.

## National Climate Assessment

Required by Congress: Global Change Research Act of 1990

- US federal government
- Every 4+ years since 2000
- United States
- Policy, decision makers & public
- Changes, causes, projections, adaptation & mitigation recommendations for sectors like agriculture, forestry, etc.