How to talk climate on the Sphere

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Climate is your Created by Creative Stall from Noun Project Personality

Consensus among climate scientists worldwide

"The size of this warming is broadly consistent with prediction of climate models, but it is also of the same magnitude as natural climate variability."

—IPCC First Assessment Report, 1990

"The balance of evidence suggests that there is a discernable human influence on global climate."

—IPCC Second Assessment Report, 1995

"Most of the observed warming over the last 50 years is likely to have been due to the increase in greenhouse gas concentrations."

—IPCC Third Assessment Report, 2001

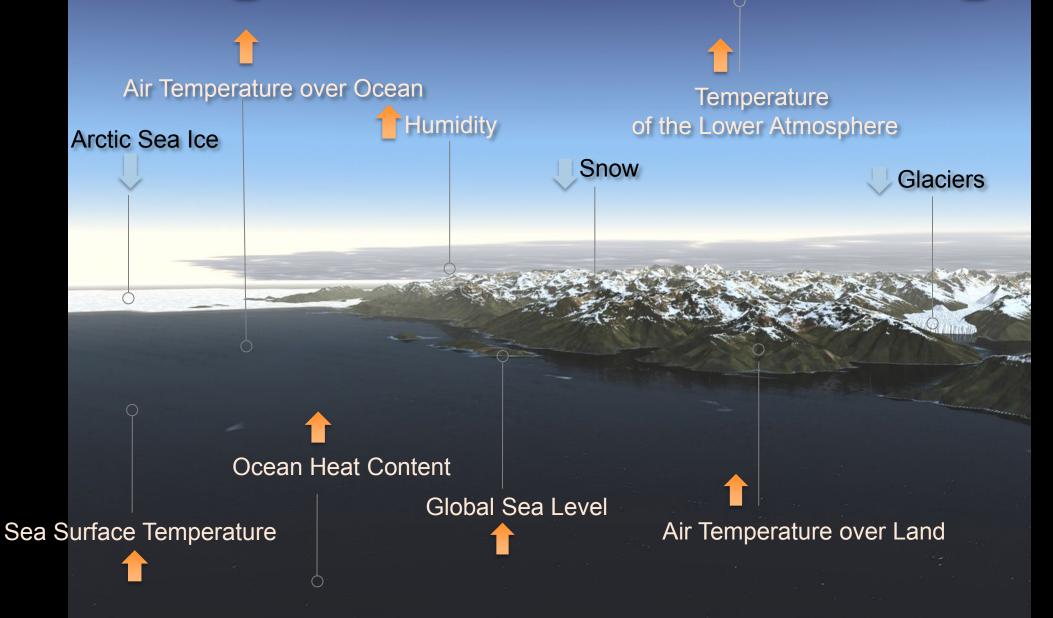
"Most of the observed increase in globally averaged temperatures since the mid-20th century is very likely (>90% probability) due to the observed increase in anthropogenic greenhouse gas concentrations."

—IPCC Fourth Assessment Report, 2007

"Scientists are more certain than ever—95% certain—that most of the warming since 1950 has been caused by humans."

—IPCC Fifth Assessment Report, 2013

Ten signs that our world is warming



Climate change is happening. It's us. It's a problem. We can fix it.













People





Snow & Ice

Looking back

2014 Temperature Compared to 20th-Century Average -3°C

Temperature Anomalies

Past Climate

Sea Ice



Recent weather/climate

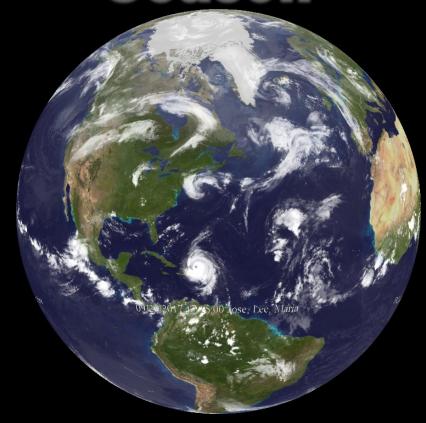


Current clouds



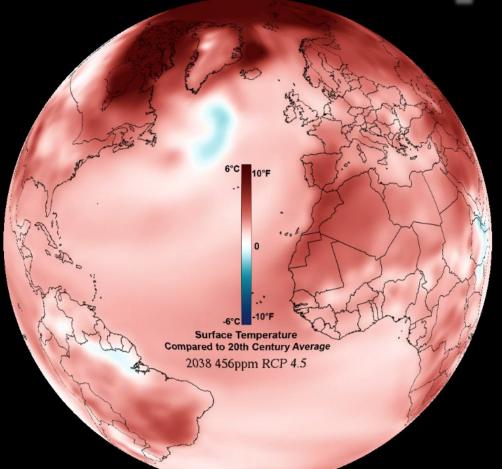
Current snow

Hurricane Season

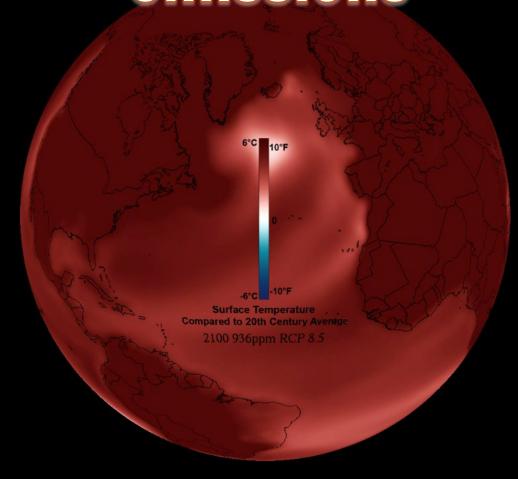


Looking forward

Temperature Projections



Lower GHG emissions Higher GHG emissions





Sea Level Rise



Making connections



Human influence on environment

Dams/reservoirs

Population





Nighttime lights



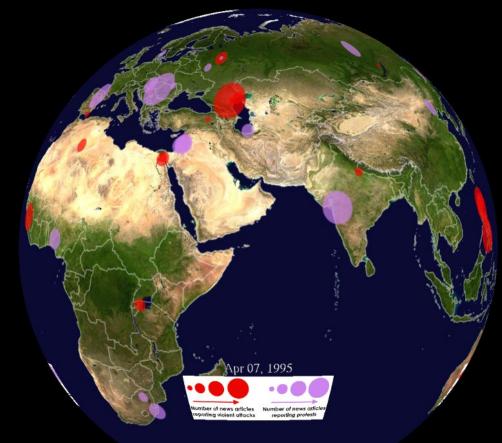


Transportation



Bird Migration

Human and animal connections



Protests/Violence

Resources



Featured on Climate.gov 1 2 3 4 5



Climate & skiing

November 19, 2018

Filed in: News & Features

From retreating snow elevations to rain-soaked powder, warming due to human-caused climate change will radically transform U.S. skiing over the remainder of the twenty-first century.

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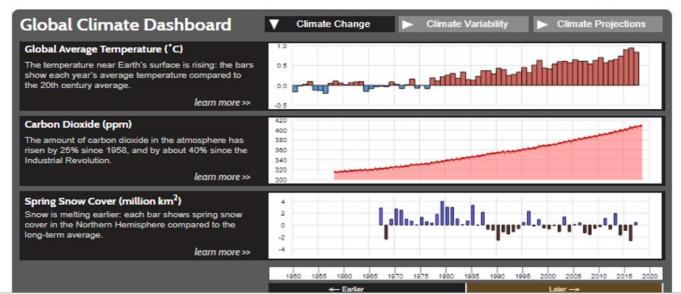
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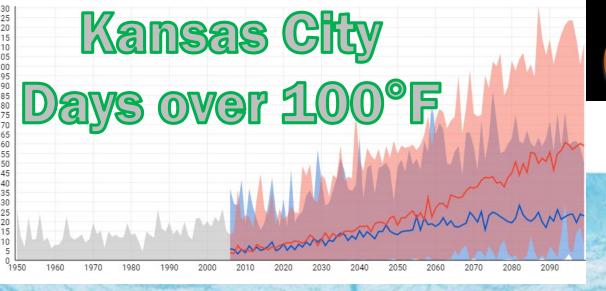
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FOURTH NATIONAL CLIMATE ASSESSMENT

Volume II: Impacts, Risks, and Adaptation in the United States

The National Climate Assessment (NCA) assesses the science of climate change and variability and its impacts across the United States, now and throughout this century.

SUMMARY FINDINGS

OVERVIEW

REPORT CHAPTERS

DOWNLOADS

Volume I presents an assessment of the physical science underlying this report: science2017.globalchange.gov



Visualizing Change



What is this toolkit?



STRATEGICALLY-FRAMED NARRATIVE SCRIPTS

Each narrative contains strategically-framed annotated scripts that facilitates better interpretation and understanding of climate science. Each script contains notes, rational, and background information that grounds



VISUALIZATIONS, VIDEOS AND IMAGES

ISEIs can download the full suite of strategically-framed visuals suitable to be used on an interactive sphere (such as Science on a Sphere, Magic Planet, or HyperGlobe), flat screen, or hand held tablet.



CLIMATE SCIENCE AND STRATEGIC FRAMING RESOURCES

This toolkit contains has an extensive library of high-quality research that informs the science of both climate change and strategic framing including research reports, science summaries, glossary of terms, and

Now let's discuss stuff!

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