



# NGO Committee on Sustainable Development-NY CLIMATE ACTION LEADERSHIP TEAMS

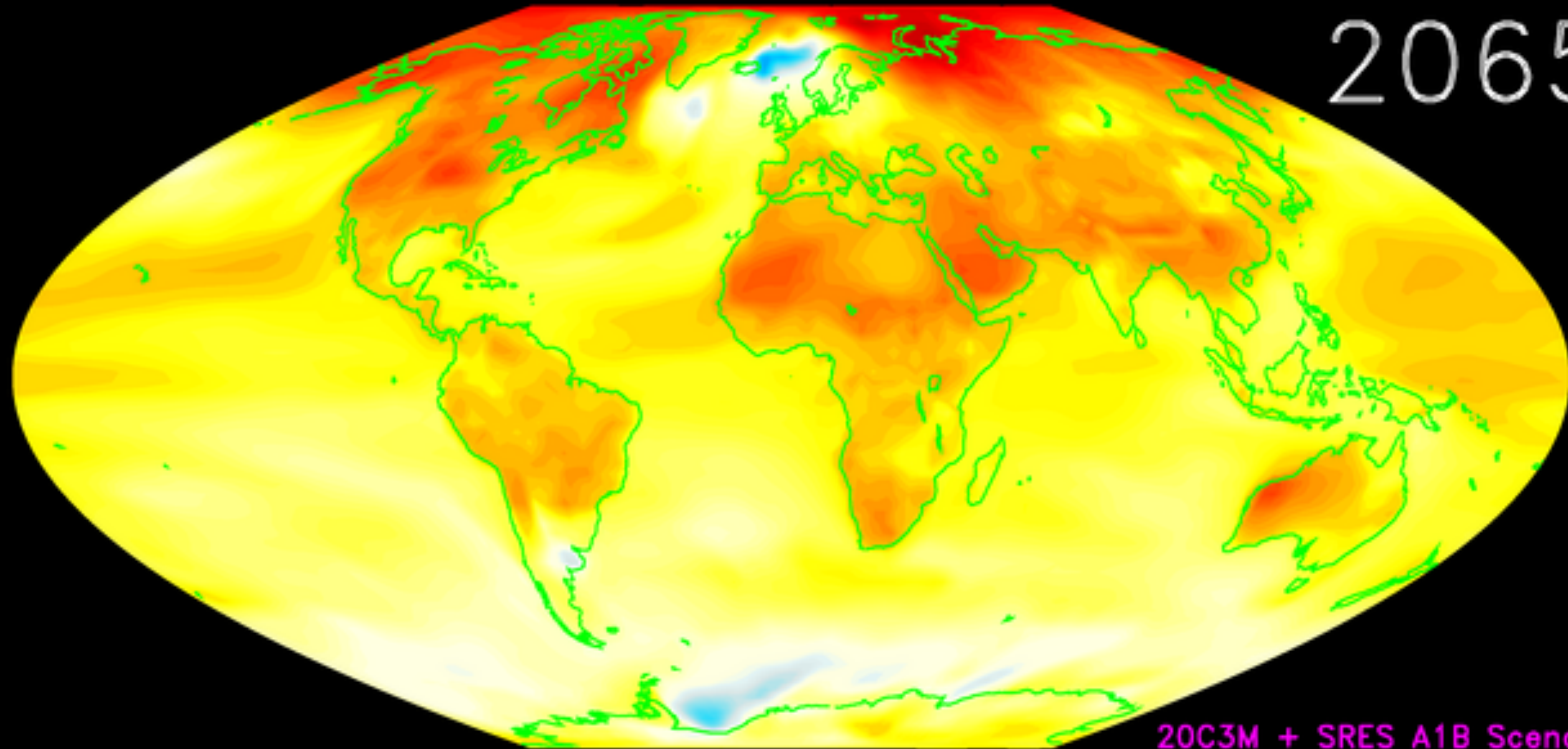
A Programme of the NGOCSA-NY, empowering climate action, local participation and partnerships for sustainable development.

The climate system is a unifying ethical field, that extends from the physical to the metaphysical and connects your actions to my well-being, and vice-versa, no matter how remote your life is from mine.

The Golden Rule we have always treated as an abstract moral recommendation is now visibly playing out its logic in the physical world.

# NOAA GFDL CM2.1 MODEL

## 2065



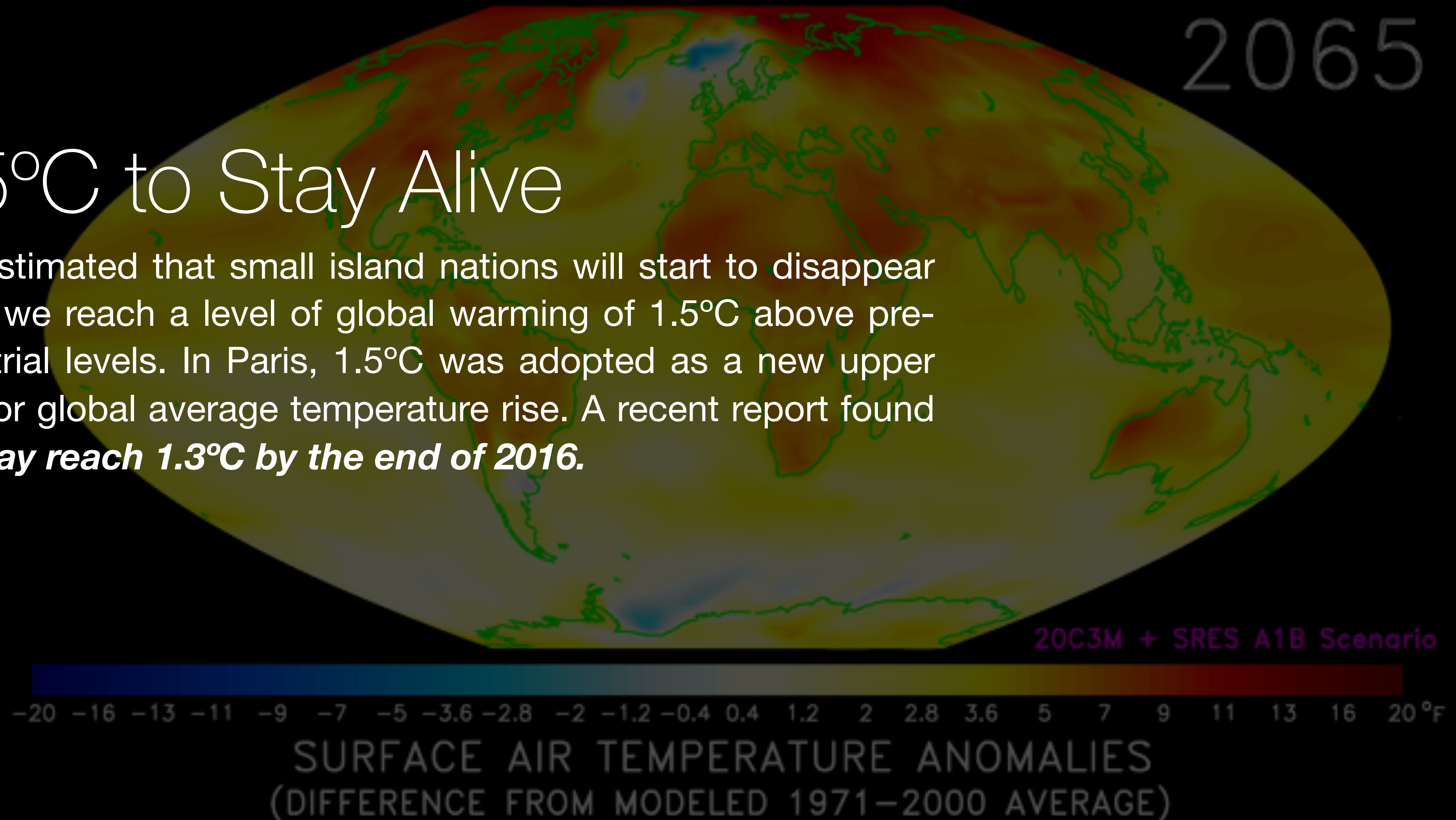
SURFACE AIR TEMPERATURE ANOMALIES  
(DIFFERENCE FROM MODELED 1971–2000 AVERAGE)

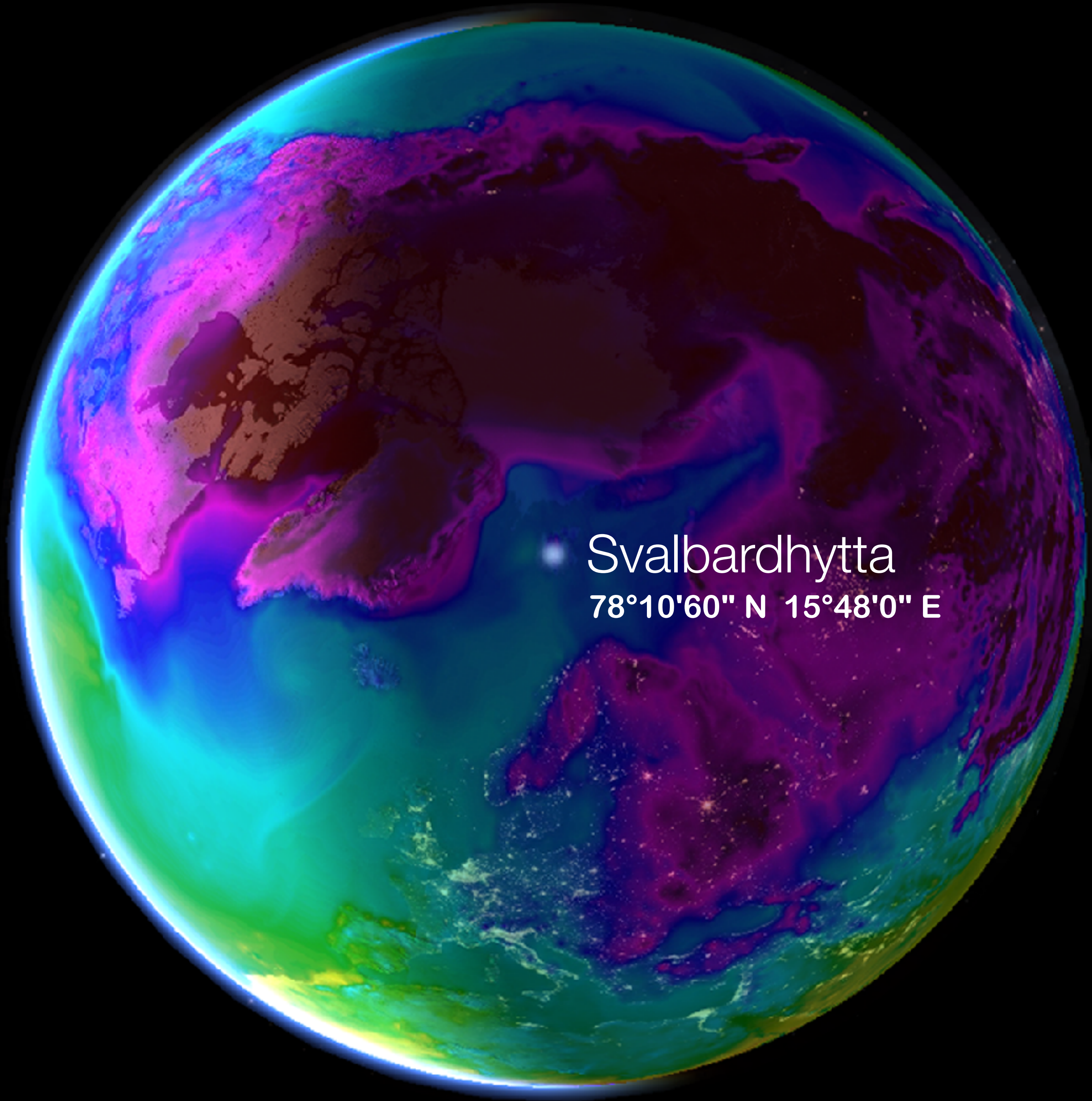
NOAA GFDL CM2.1 MODEL

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# 1.5°C to Stay Alive

It is estimated that small island nations will start to disappear when we reach a level of global warming of 1.5°C above pre-industrial levels. In Paris, 1.5°C was adopted as a new upper limit for global average temperature rise. A recent report found ***we may reach 1.3°C by the end of 2016.***

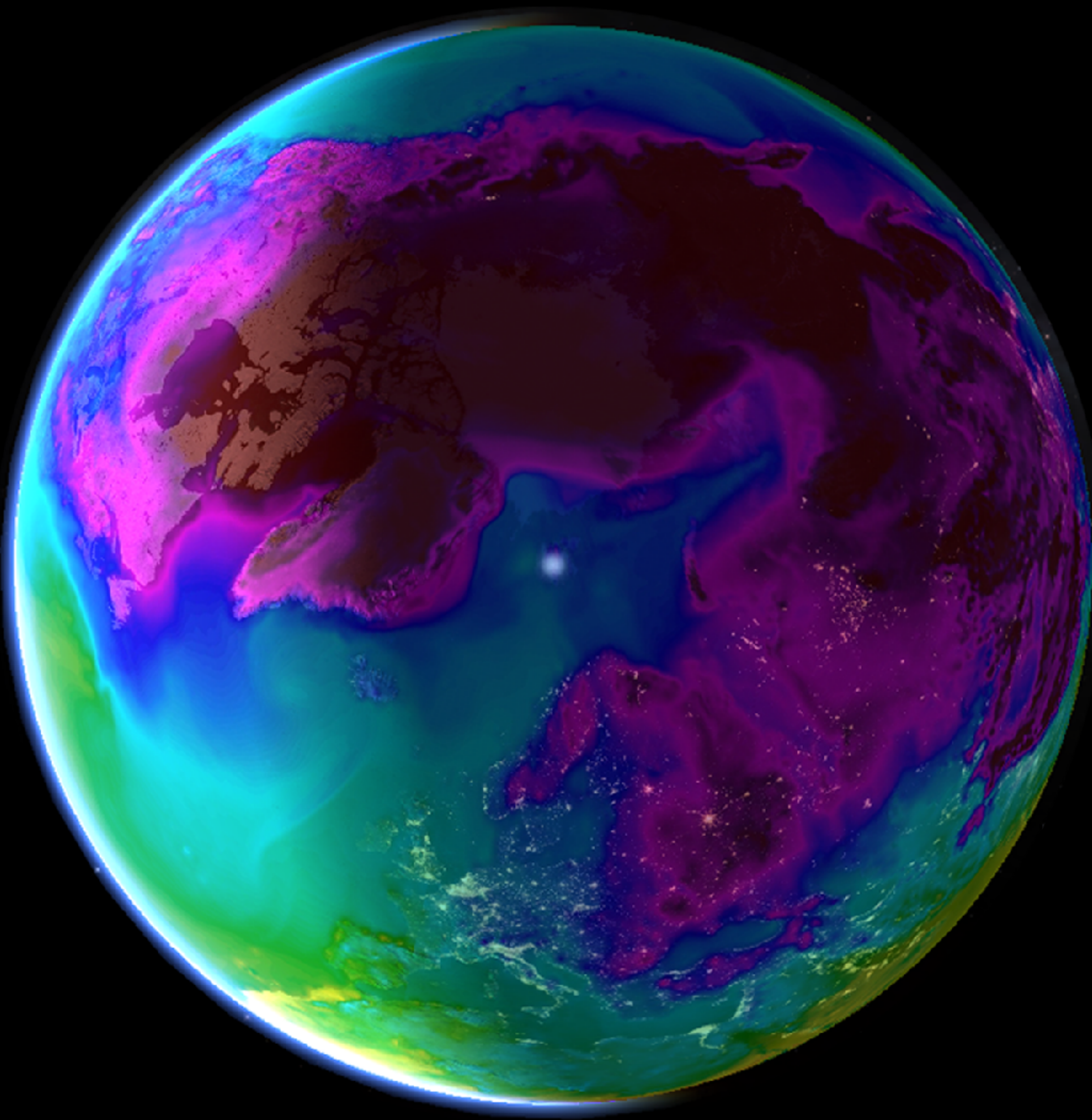
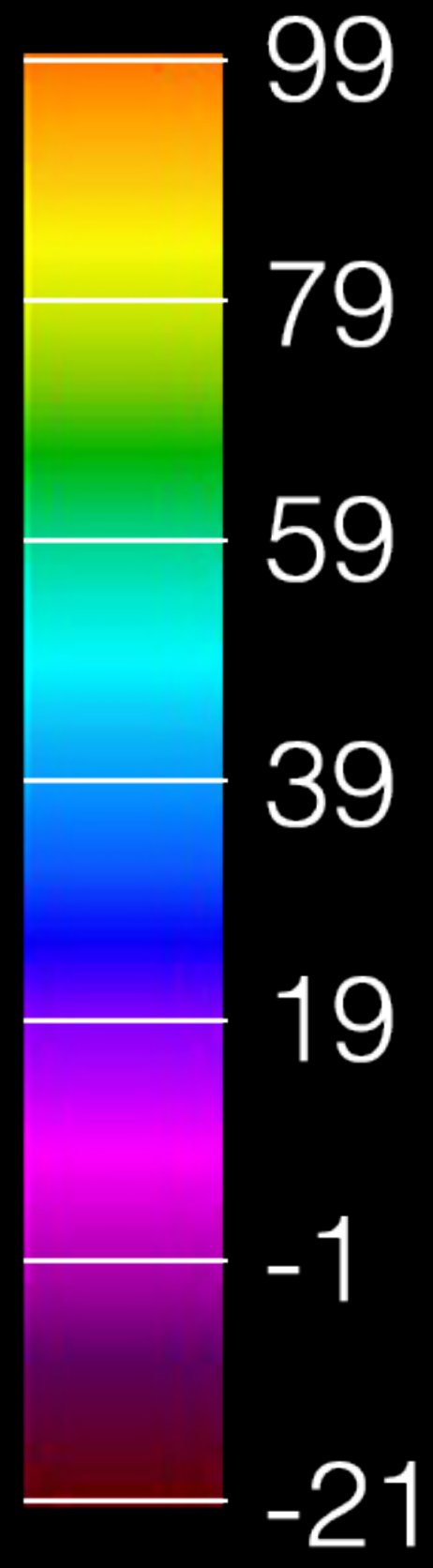




Svalbardhytta

78°10'60" N 15°48'0" E

Temp °F



# Svalbardhytta

78°10'60" N 15°48'0" E

JANUARY 24, 2016 ● 5:41 PM

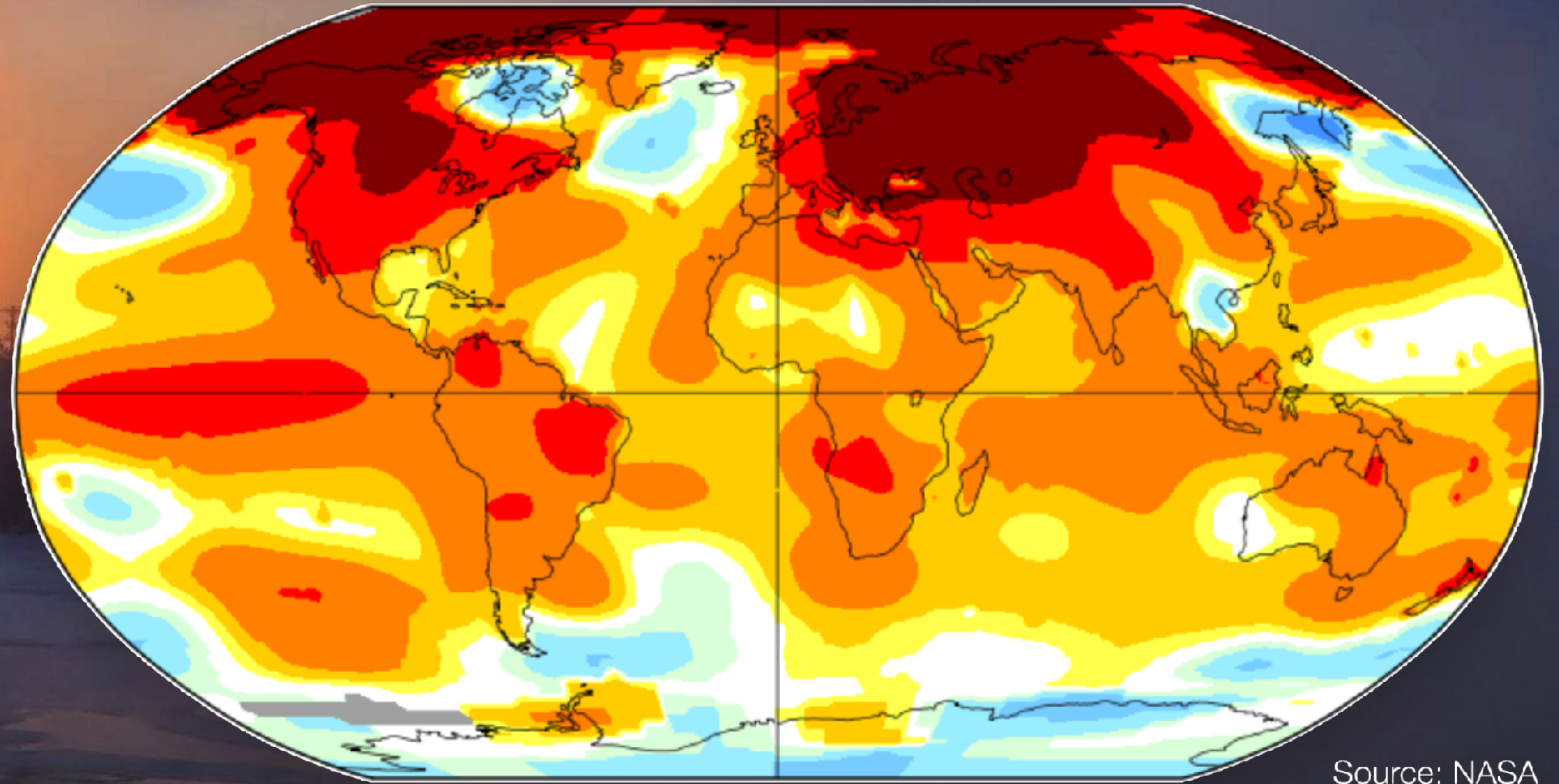
37°F **High: 39°F**

The historic average high temperature in Svalbard at this time of year is 8.6°F. This January, temperatures in Svalbard were **an average of 30°F above normal.**

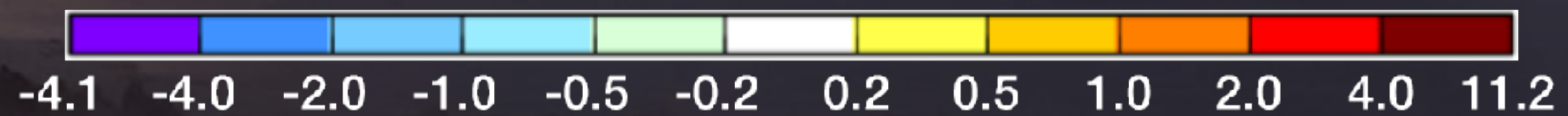
February 2016

L-OTI(°C) Anomaly vs. 1951-1980

1.32



Source: NASA



# Winter Ice Melt

In January and February of 2016, temperature anomalies in the Arctic reached alarming extremes. Ice was observed melting in the Arctic Ocean in February. Parts of the Arctic were 11°C warmer than the historic norm, 35 years earlier than previous predictions.



**Nepal — Glacial melt makes landslides more common**  
**Pakistan — Region-wide flash-flooding + drought**  
**Nigeria — Desertification (worse than Syria?)**  
**Yemen — Zero fresh water + water war**  
**St. Vincent — 15% of GDP washed away in 3 hours**  
**Louisiana — Losing 1 football field of land per hour**  
**Siberia — Permafrost melt releasing Methane & Anthrax**



**1** NO  
POVERTY



**2** NO  
HUNGER



**3** GOOD  
HEALTH



**4** QUALITY  
EDUCATION



**5** GENDER  
EQUALITY



**6** CLEAN WATER  
AND SANITATION



**7** RENEWABLE  
ENERGY



**8** GOOD JOBS AND  
ECONOMIC GROWTH



**9** INNOVATION AND  
INFRASTRUCTURE



**10** REDUCED  
INEQUALITIES



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**12** RESPONSIBLE  
CONSUMPTION



**13** CLIMATE  
ACTION



**14** LIFE BELOW  
WATER



**15** LIFE  
ON LAND



**16** PEACE AND  
JUSTICE



**17** PARTNERSHIPS  
FOR THE GOALS



**THE GLOBAL GOALS**  
For Sustainable Development

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2 NO HUNGER



3 GOOD HEALTH



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The Sustainable Development Goals recognize the interconnected interest of people and planet.



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Goal 13 is Climate Action. It calls for protecting the planet and supports the global climate policy process.

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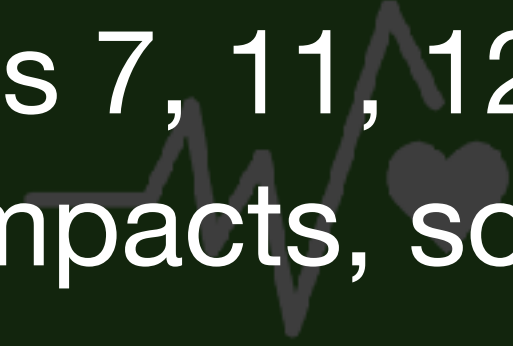
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But Goals 7, 11, 12, 14, and 15, all relate to climate impacts, solutions, and investments.

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And these...



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For Sustainable Development



**The Paris Agreement was agreed by consensus** among the 196 parties to the UN Framework Convention on Climate Change, on December 12, 2015. It is an implementation agreement for enforcement of the 1992 Convention and for the first time ensures all 196 parties will collaborate in combatting climate change.





# A Planetary Design Challenge

The global effort to decarbonize and to eliminate the pervasive hidden costs brought on by the burning of climate-forcing fuels necessitates a re-design of the human industrial environment across the world. Knowledge, innovation, locally-rooted enterprise and climate-smart policy are all part of this design challenge.

SKYLIGHTS PROVIDE INTERIOR VENTILATION STACK EFFECT VIA GRILLS & PERFORATED LOFT BOOK CASE. RADIANT HEAT IS INCORPORATED INTO ACTIVE.

IT IS THE ONLY DOME EVER LIVED IN ANY WHERE IN THE DOME FROM 1968 TO 1970.

THE IMAGES SHOW PRESERVED STAIRS CONDUCTED BY...

MAIN FLOOR



Around the world, citizens are working together to urge lawmakers to act on climate.



Citizen participation in the design and implementation of climate policy can be the *ratchet mechanism*.



Citizen action to design and deploy solutions is anchored in the 1992 Climate Convention.



By expanding the global civic space  
we can motivate more ambitious climate policy.



**Citizen volunteers report on climate impacts and solutions.**



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