

People, plants, and snow across Nunatsiavut and NunatuKavut

Andrew Trant



w/ Robert Way & Luise Hermanutz



Greening of Arctic



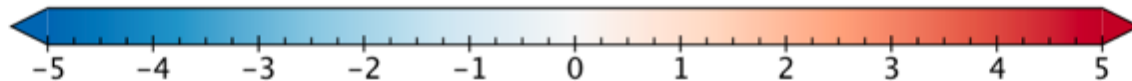
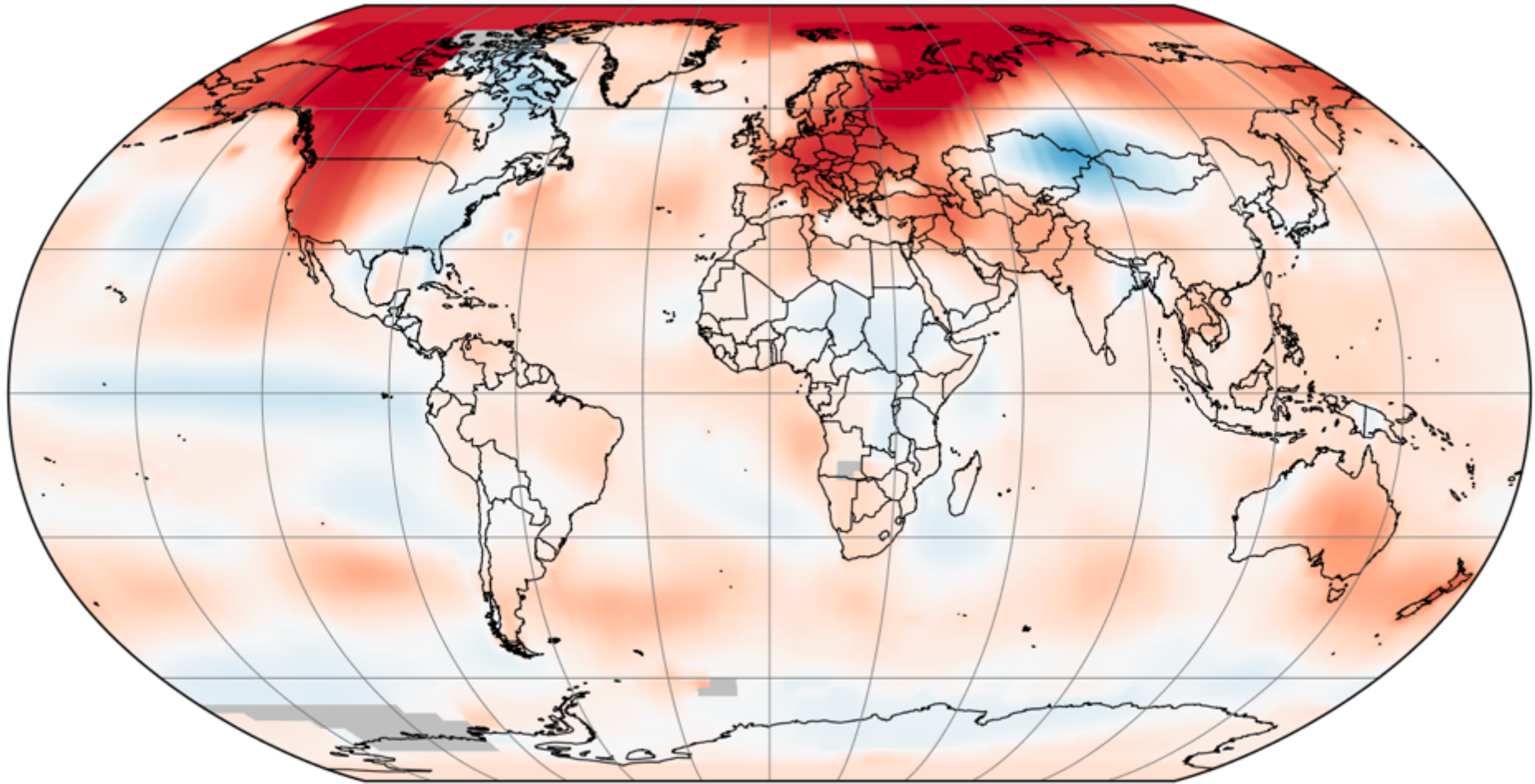
1984
Ramah Bay



SHRUBIFICATION

CLIMATE CHANGE

January 2018



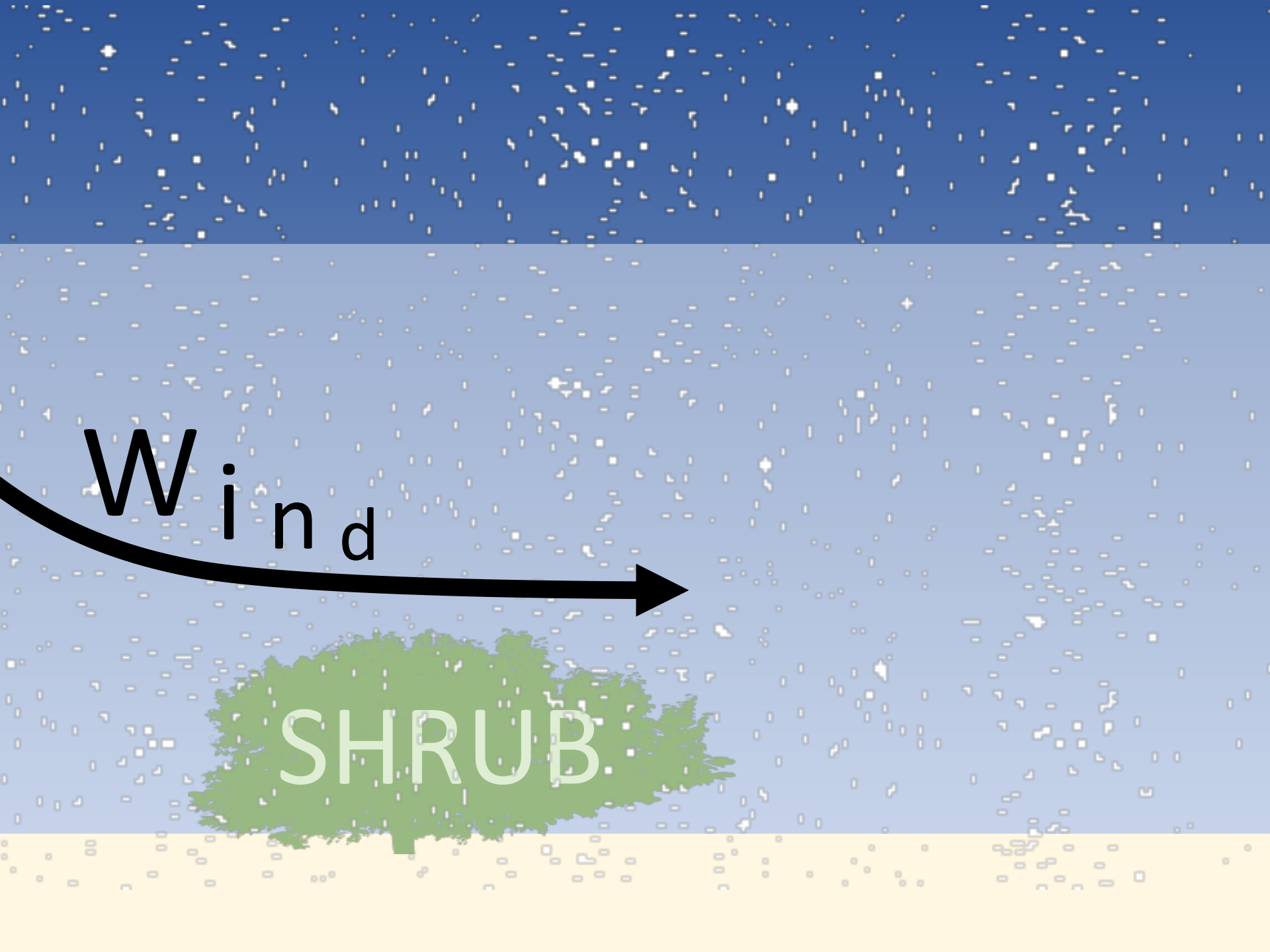
Base Period: 1951-1980

Data Min = -3.42, Max = 6.59, Mean = 0.78

NASA/GISS/GISTEMP



SHRUB



Wind

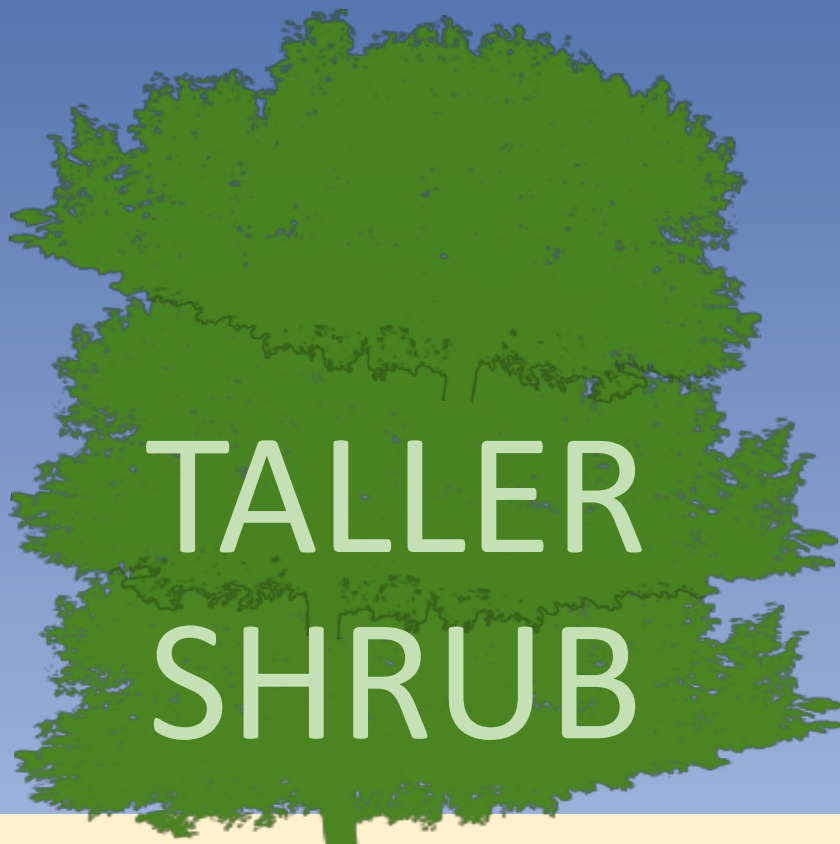
SHRUB



SHRUB

+ shrubification





TALLER
SHRUB

Wind

A diagram illustrating wind direction and a shrub. A black arrow curves from the top left, pointing right across a light blue background. The word "Wind" is written in black above the arrow. Below the arrow, a green, bushy shrub is depicted. The text "TALLER SHRUB" is written in white over the shrub. The background is divided into three horizontal bands: dark blue at the top, light blue in the middle, and yellow at the bottom.

TALLER
SHRUB

The image features a stylized green shrub with a dense, rounded canopy and a thin trunk, positioned on the left side. The background is a light blue field filled with numerous small, white, irregular shapes. A dark blue, wavy horizontal band is at the top. A thin yellow line runs along the bottom edge. The text 'TALLER SHRUB' is centered over the shrub in a white, sans-serif font.

TALLER
SHRUB

MORE SHRUBS



The diagram illustrates a positive feedback loop in a tundra environment. At the top, the text 'MORE SHRUBS' is written in white. Below it, a green shrub is shown on a light blue slope. The text 'TALLER SHRUB' is written in white over the shrub. To the right of the shrub, the text 'MORE SNOW' is written in white. At the bottom, the text 'MORE PERMAFROST THAW' is written in red. A red curved arrow points from the bottom right towards the top right, indicating a clockwise cycle.

TALLER
SHRUB

MORE
SNOW

MORE PERMAFROST THAW

How are shrubs affecting the land?

Traditional
foods

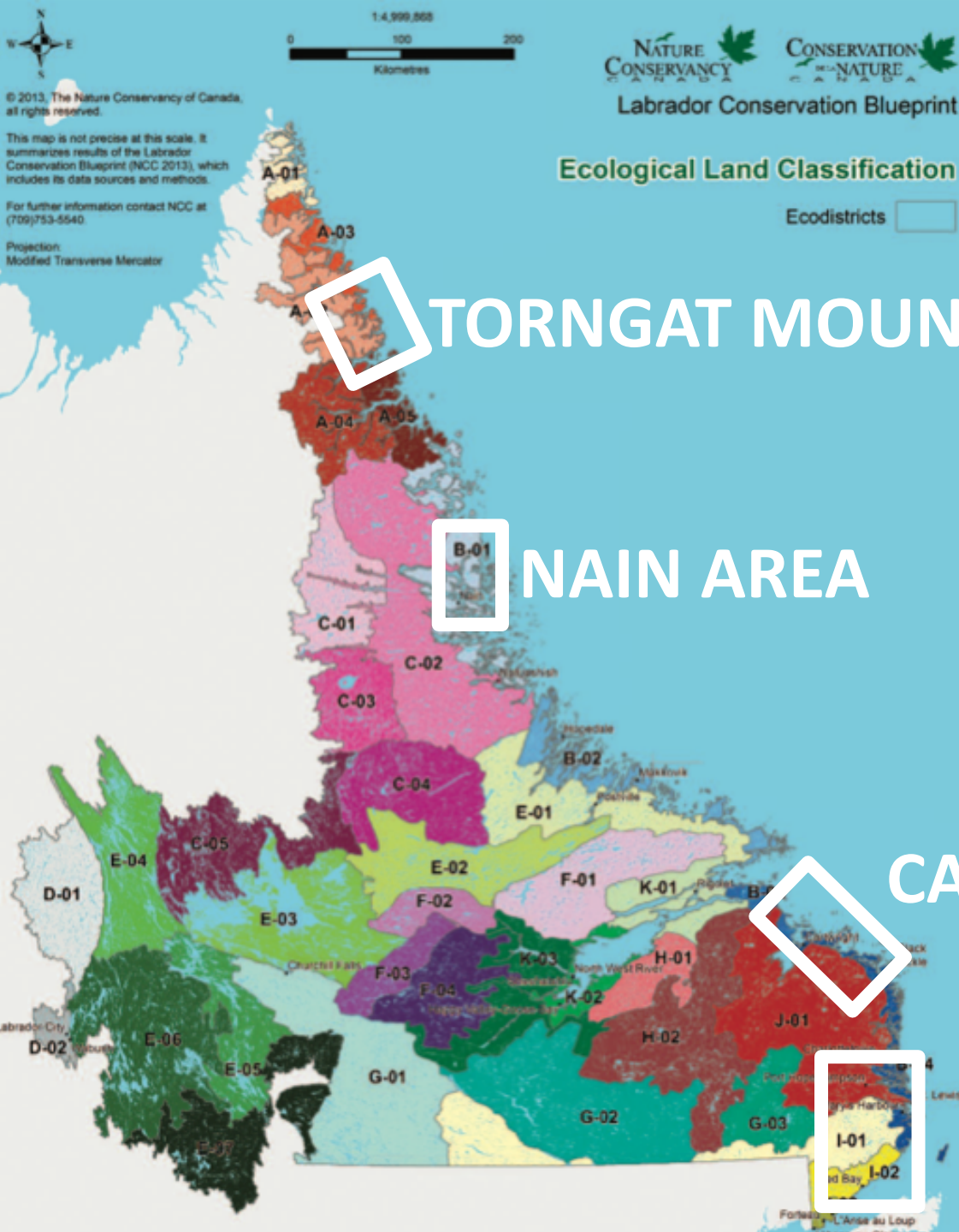
Shading of
lichens
& berry
plants

photo: Nunatsiavut Government

NEW ARCTICNET PROJECT:

**How is snow and
biodiversity changing
across Nunatsiavut and
NunatuKavut?**





TORNGAT MOUNTAINS



NAIN AREA



CARTWRIGHT AREA



RED BAY AREA

Thank you!

**WHERE SHOULD WE WORK AND
WHAT PLANTS SHOULD WE
FOCUS ON?**

**DOES ANYONE HAVE ANY OLD
LANDSCAPE PHOTOGRAPHS?**

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