

SMELL DATING

In collaboration with Sam Lavigne

THE DENVER
CHANNEL.COM



DENVER abc



Who are you interested in meeting?

#5 NO MAYBE YES

#14 NO MAYBE YES

#39 NO MAYBE YES

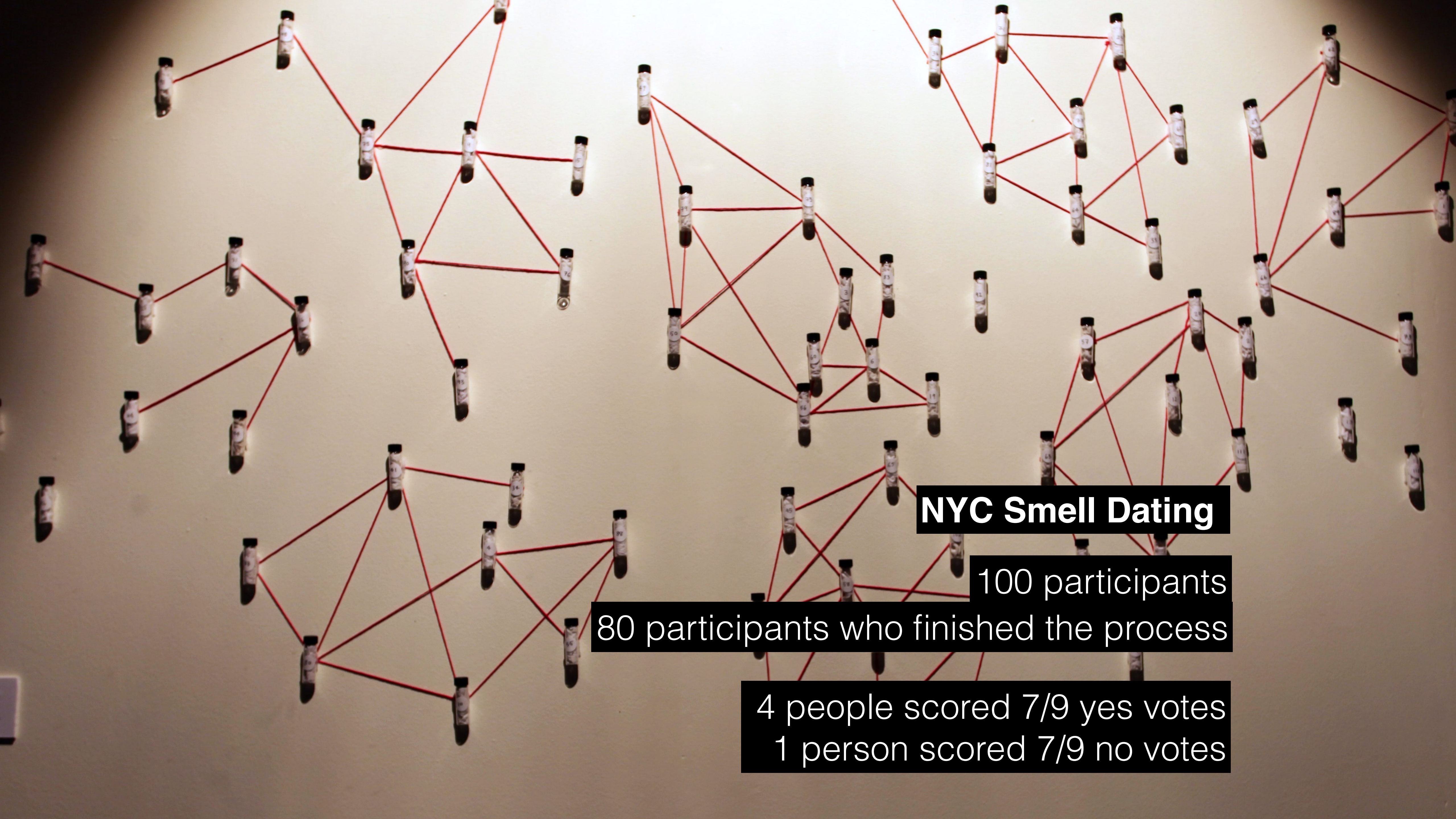
#52 NO MAYBE YES

#54 NO MAYBE YES

#58 NO MAYBE YES

#65 NO MAYBE YES

#95 NO MAYBE YES




NYC Smell Dating

100 participants

80 participants who finished the process

4 people scored 7/9 yes votes
1 person scored 7/9 no votes



We work our algorithm magic to find people
you'll actually like.



okcupid

Background

- **Interrogative design:** Krzysztof Wodiczko. Design that suspends questions
- **Critical Design:** Creative work that challenge narrow assumptions, preconceptions and prevailing (and oft invisible) social values in designed products and emerging technologies.
- **Critical Engineering:** Julian Oliver, Gordan Savičić, Danja Vasiliev.
 - * Propose engineering as a highly influential practice and language that is shaping the way we move, communicate and think.
 - * A call for research and practices that exploit this language, exposing and questioning its influence. (www.criticalengineeringmanifesto.org)

Digital art and design rework technology into culture, and reread technology as culture. What's more, they do so in a concrete, applied way, manipulating the technology itself, with a latitude that admits misapplication and adaptation, rewiring and hacking, pseudofunctionality and accident. Creative practice also fractures that technocultural material into millions of heterogeneous interests and agendas, specific investigations, aesthetics, approaches, and projects.

—Mitchell Whitelaw

WHITE COLLAR CRIME RISK ZONES

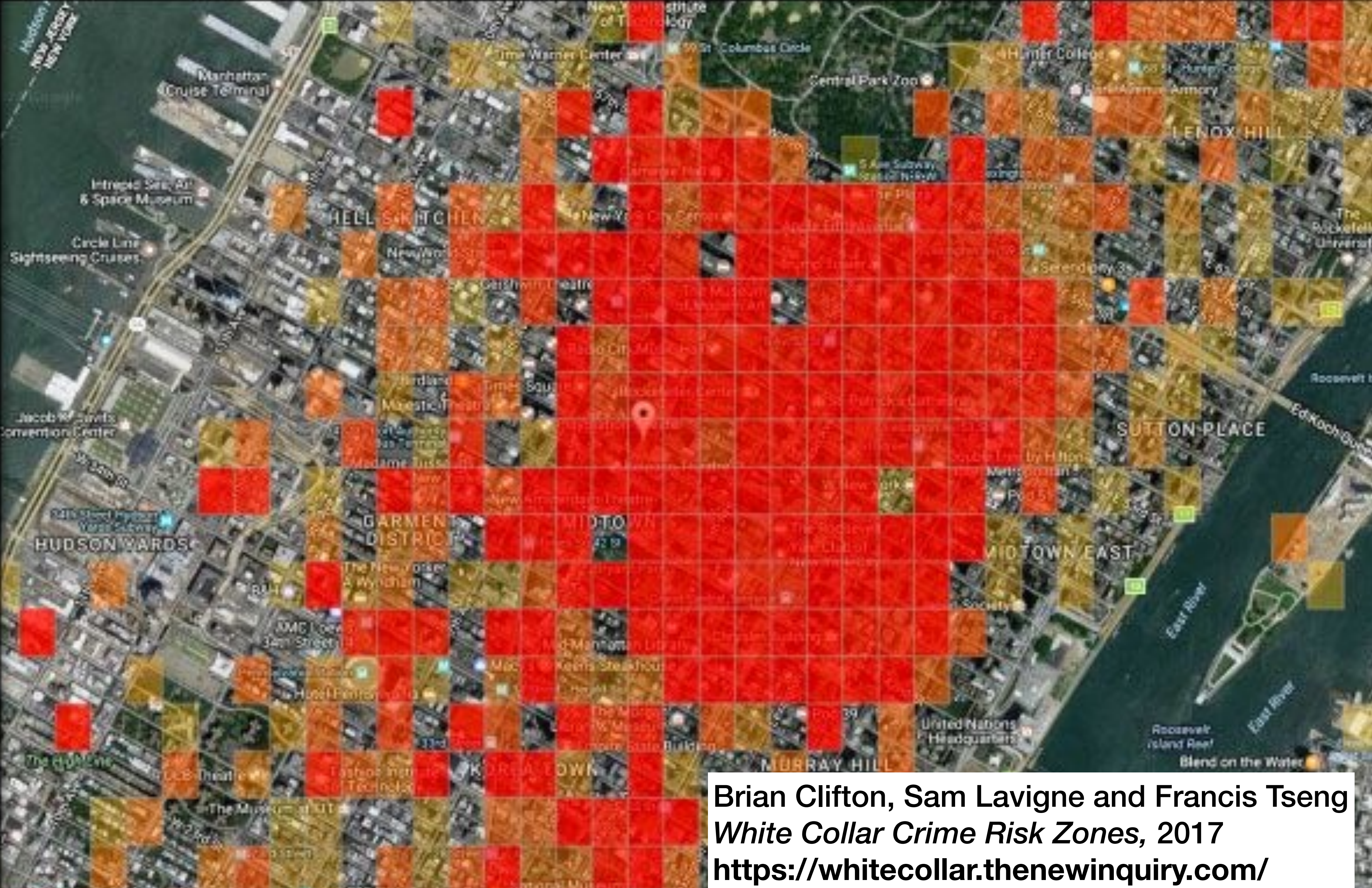
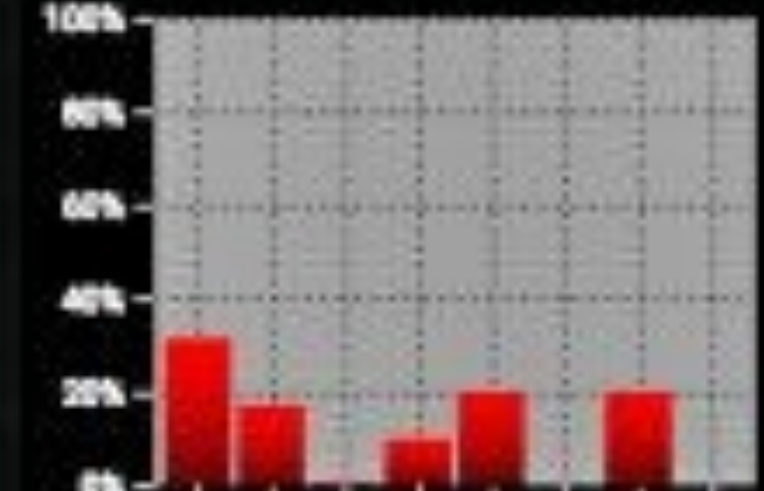
Most Likely Suspect



Top Risk Likelihoods

- DEFAMATION (13.09%)
- FAILURE TO REPORT OR INCORRECT REPORTING (8.92%)
- FAILURE TO SUPERVISE (6.35%)

Approx. Crime Severity (In USD)



Brian Clifton, Sam Lavigne and Francis Tseng
White Collar Crime Risk Zones, 2017
<https://whitecollar.thenewinquiry.com/>



Mimi Onouha, 2016
Library of Missing Datasets



Lauren McCarthy, 2017
Lauren

SWITCHES

- Door Lock
- Plant Light
- AC
- Airscent
- TV
- Radio
- Cat Water
- Hair Dryer
- Curlers
- Tea Kettle
- Toaster
- Microwave
- Nightlight
- Mister
- Entry

LIGHTS

- Kitchen
- Living Room 1
- Living Room 2
- Bedroom 1
- Bedroom 2
- Bathroom
- Overhead
- Entryway
- Hallway



Lauren McCarthy, 2017
Lauren

Text to speak

SPEAK



Not currently playing music. Click to select.

AI for Earth

AI for Earth puts Microsoft cloud and AI tools in the hands of those working to solve global environmental challenges.



▶ **Play AI for Earth video**

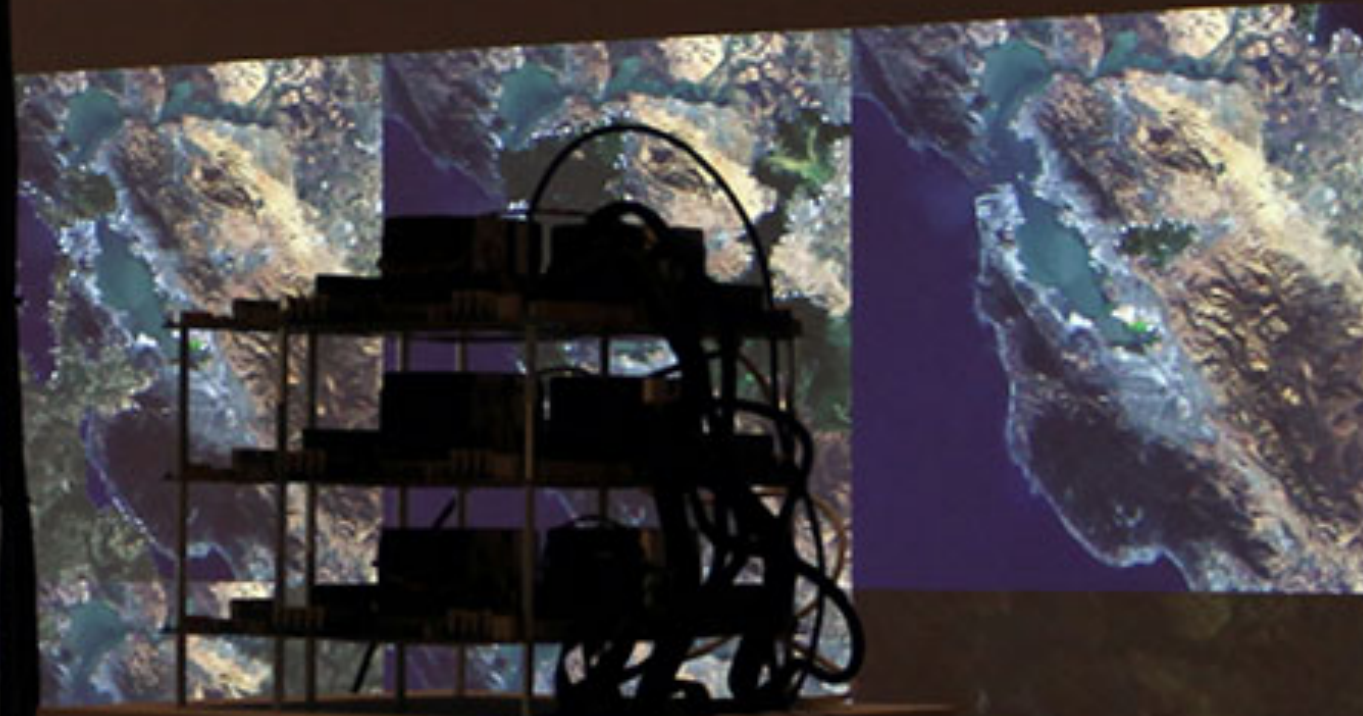


CASE: Silicon Valley, United States

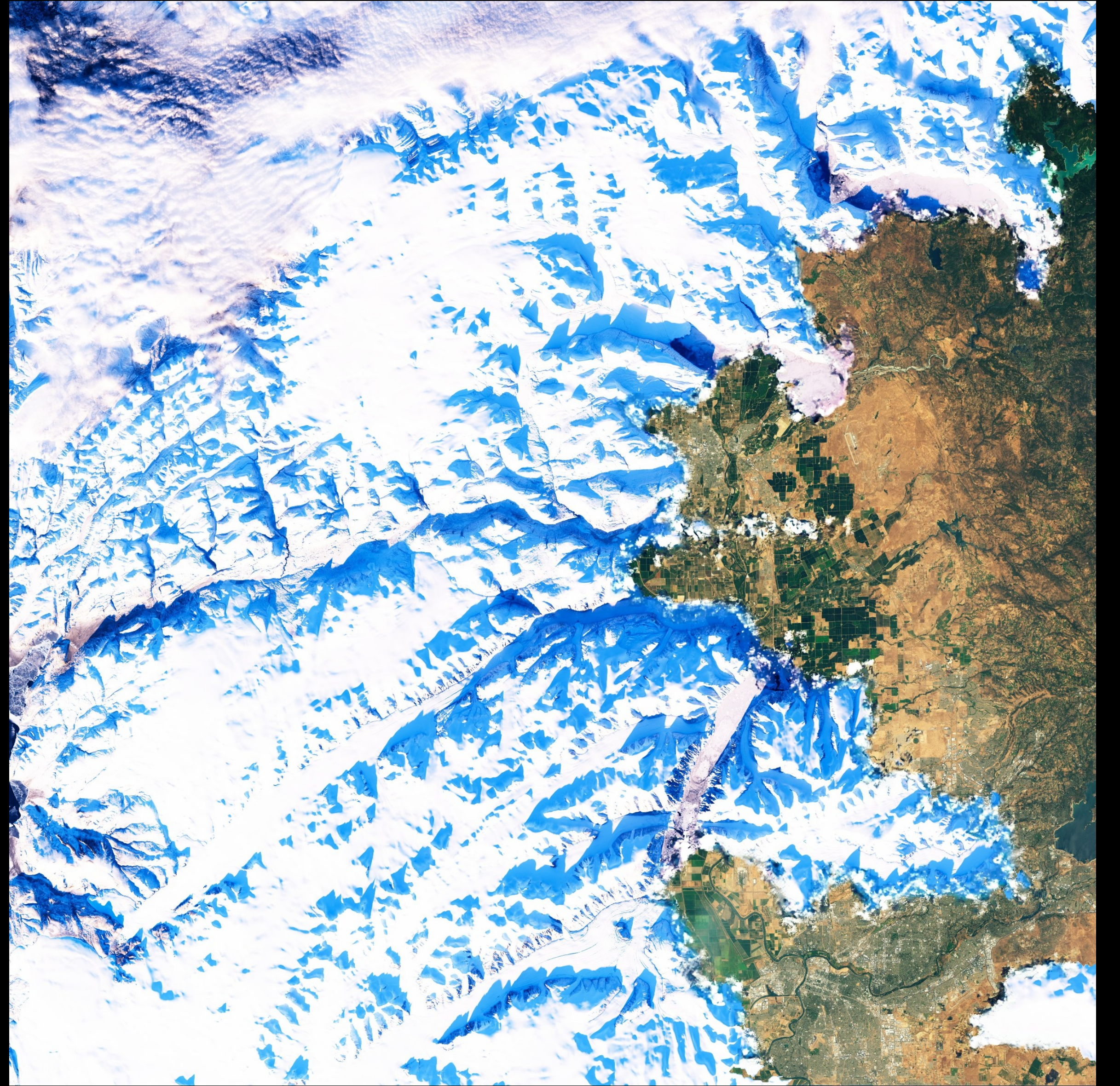
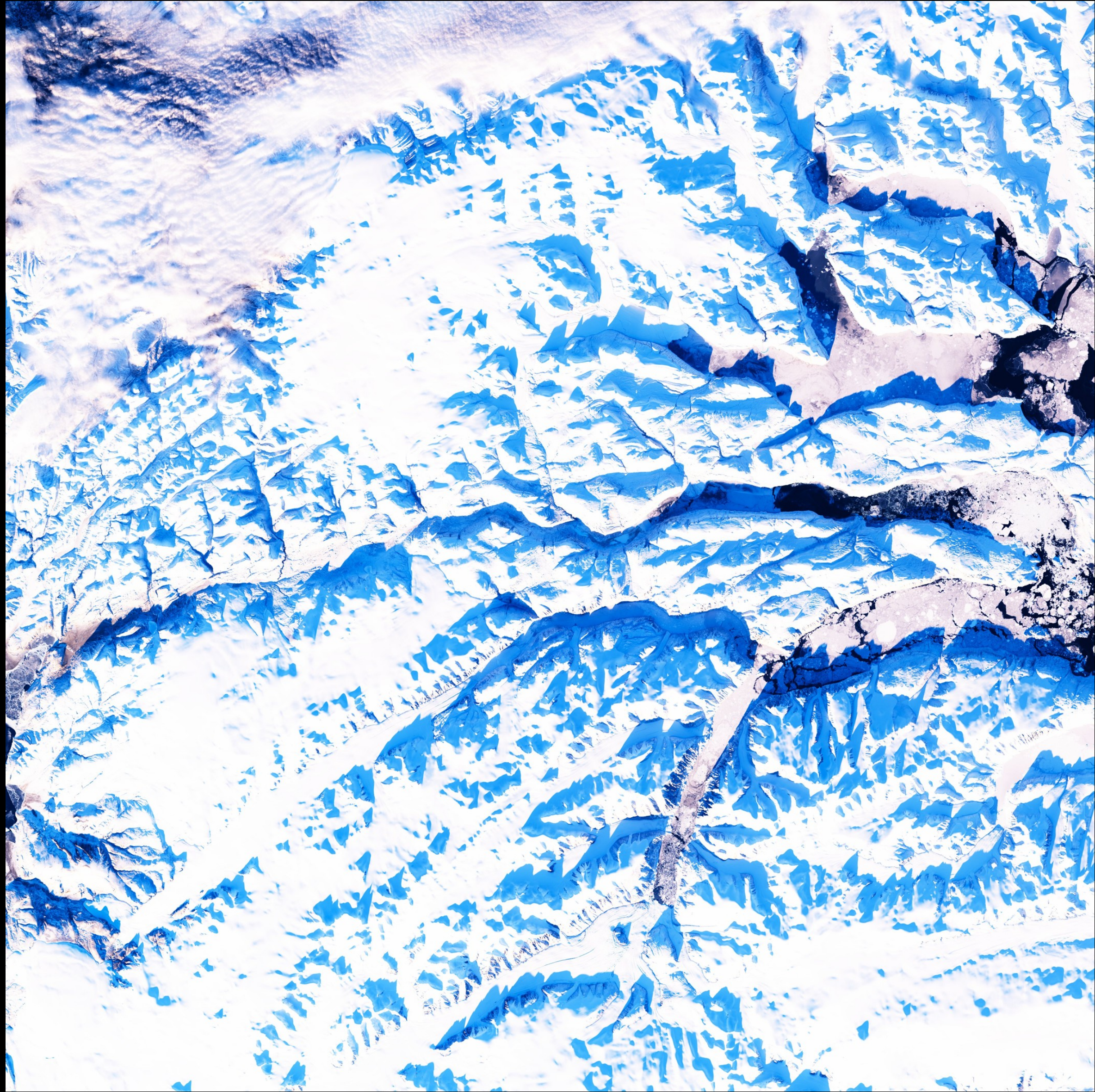
REGION MODIFICATION OPTIONS

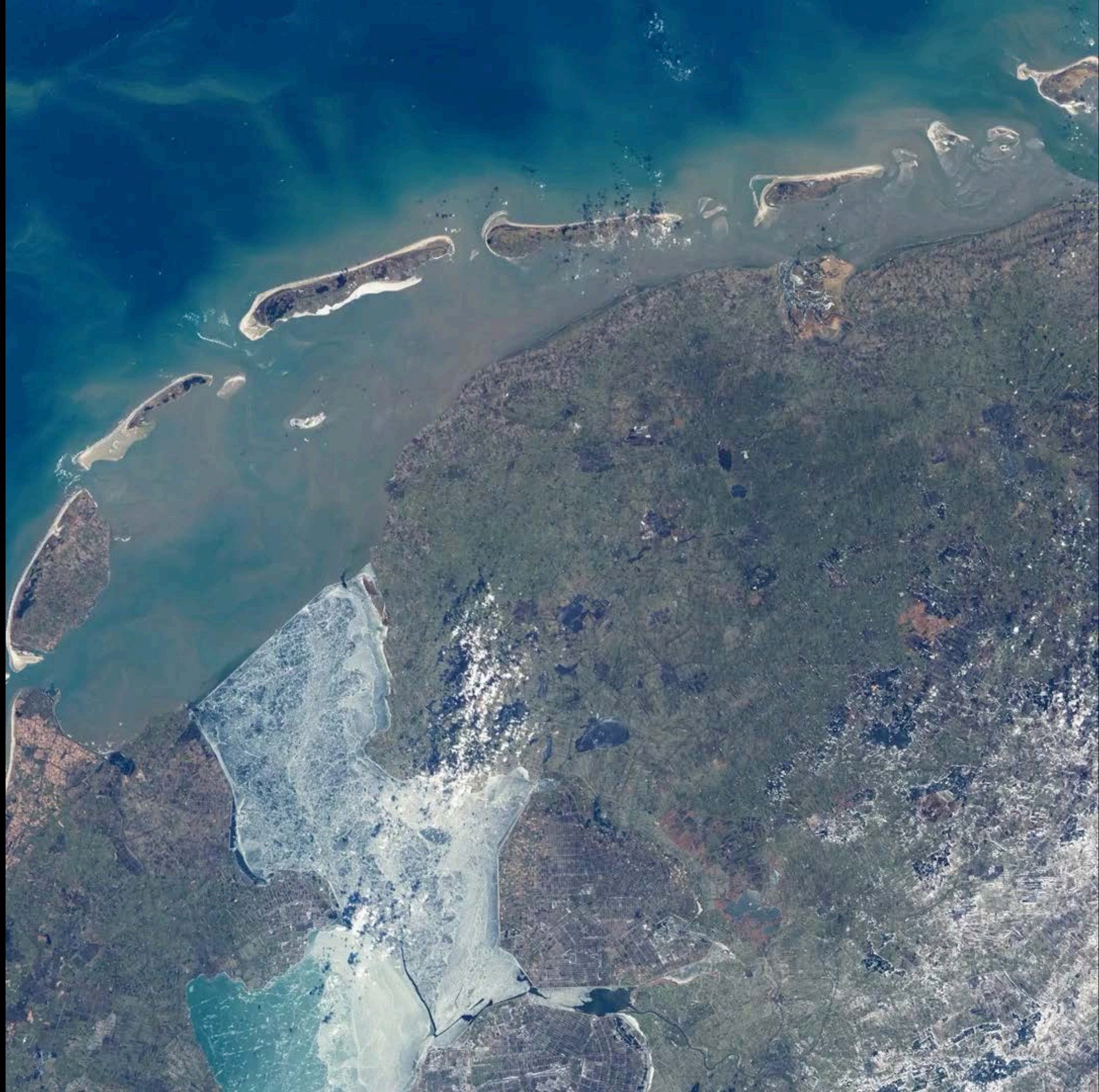
CASE DATA:

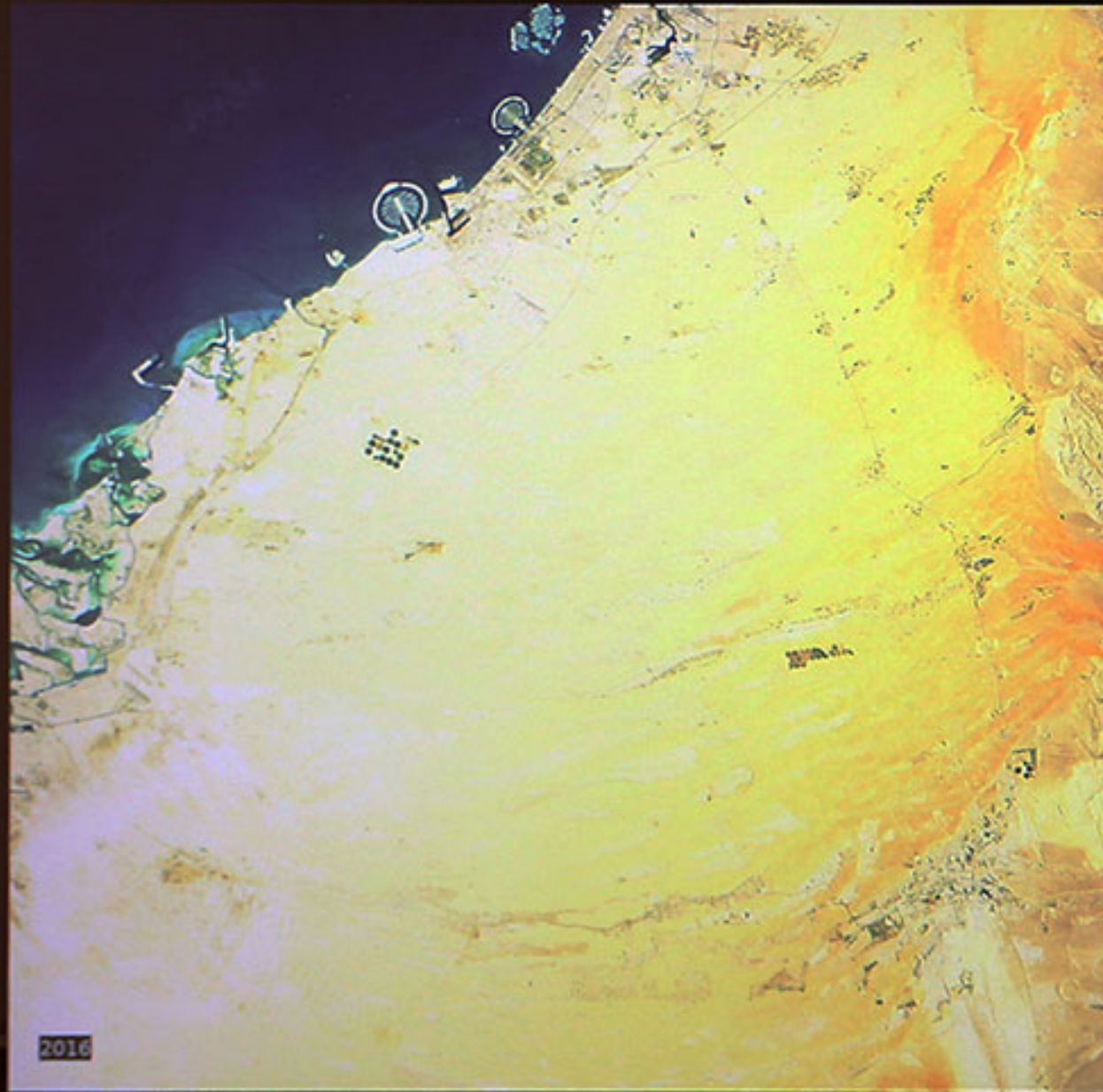
Location: 37.87 lon, 123.54 lat
Land Use: urban areas, farmland, grazing lands, boreal forest, wetlands, intertidal zones.
Population: 7.76 million
Density: 662/km2
GDP (2015): EUR82.601 per capita
CO2: 16.49 metric tons per capita
Average temperature: 14°C
Annual rainfall: 600mm
Endangered Species Count: 92
Local stressors: industrial pollution, urbanisation
Remote stressors: industrial pollution, supply-chain emissions, plastic/e-waste, mining, deforestation, over-fishing, urbanisation



Asunder, 2019
Tega Brain,
Julian Oliver,
Bengt Sjölen





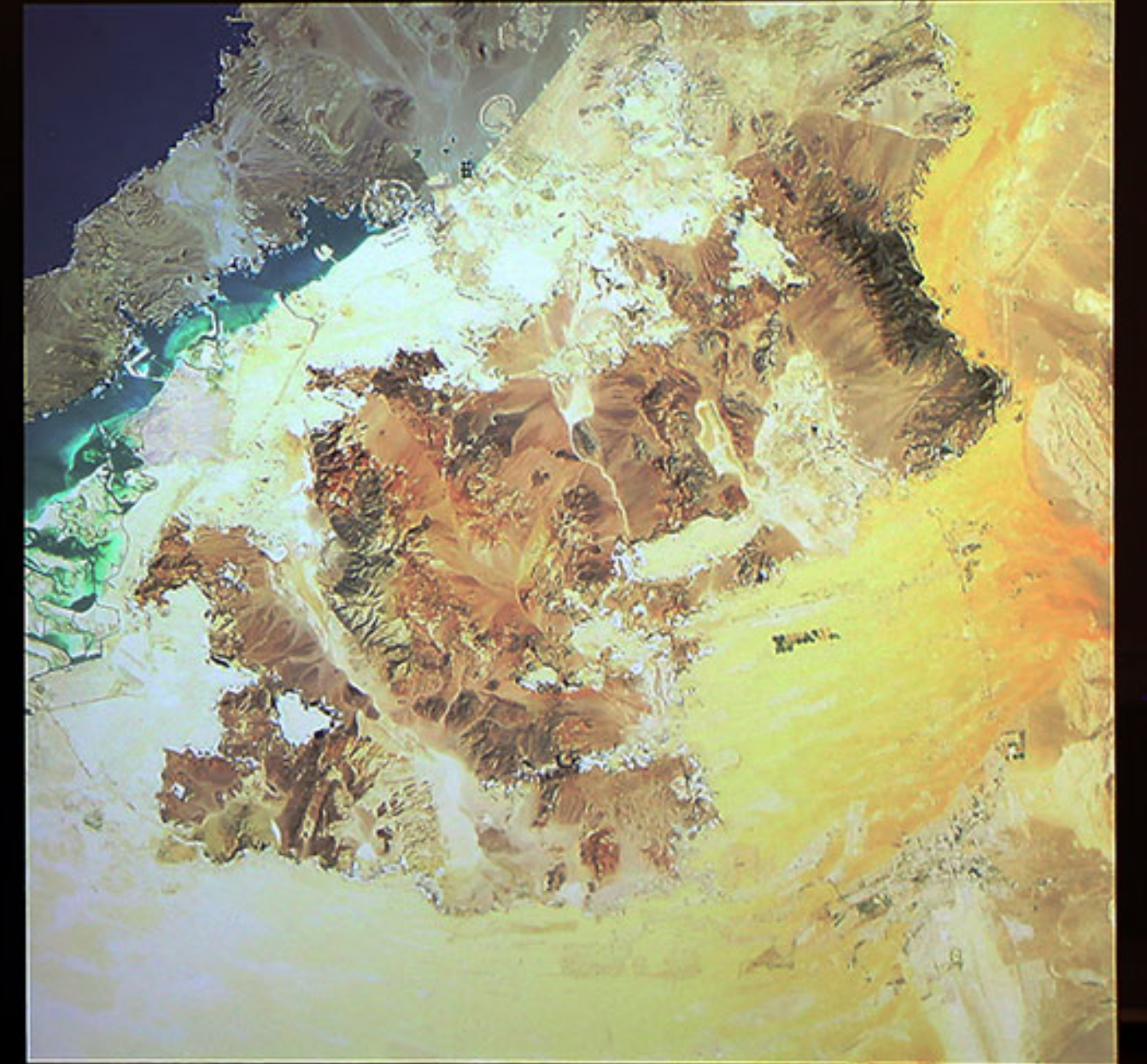
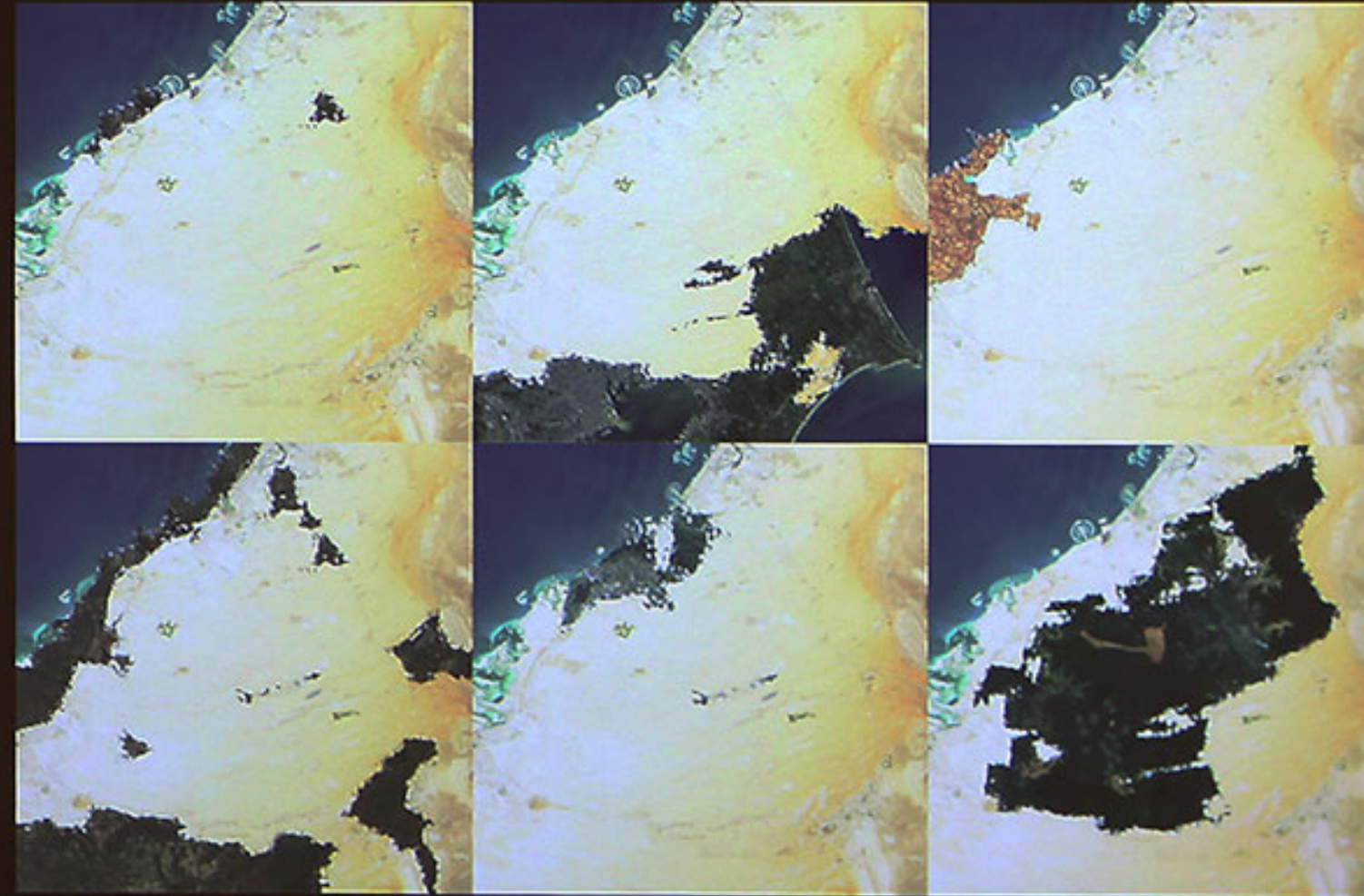


CASE: Dubai, UAE

REGION MODIFICATION OPTIONS

CASE DATA:

Location: 25.07 lon, 54.94 lat
Land Use: Urban areas
Population: 3.13 million
Density: 116/km²
GDP (2018): EUR31,200 per capita
CO₂e: 23.3 metric tons per capita
Average temperature: 31-36°C
Annual rainfall: 94mm
Endangered Species Count: 21
Urbanisation, air and water pollution,
freshwater consumption
Remote stressors: industrial pollution,
supply-chain emissions, plastic/e-
waste, mining, deforestation, over-
fishing, warming



Asunder, 2019
Tega Brain,
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Bengt Sjöln



CASE NAME:
Dubai, UAE

DISPLAYING:
MODEL STATUS

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MODEL

Model: Community Earth System Model, 2.11.
Simulation period: 2020-2030

MODEL OUTPUT TO DATE:

OH concentration

Temp

OH concentration

Meridional integrated drag from Boljans SOG

water vapor concentration



Asunder, 2019
Tega Brain,
Julian Oliver,
Bengt Sjölen

Simulations are modeled with
the climate model:
Community Earth System
Model, 2.1.1 or 'CESM'

