

Workshop materials available here:

*<https://tinyurl.com/ydxw6scx>*



# *Feminist Icon Design Workshop*

Meghan Kelly | @meghankellymaps

*Agenda and Survey*

What are feminist cartographies in  
**theory** and what does feminist mapping  
look like in **practice**?

What are feminist cartographies in  
theory and what does feminist mapping  
look like in **practice**?

Critical Cartography / GIS

Feminist Geographies

Feminist Cartography / GIS

Queer GIS

Design Justice

Data Feminism

Feminist Data Visualization

*Influences*

Critical Cartography / GIS

Feminist Geographies

Feminist Cartography / GIS

Queer GIS

Design Justice

Data Feminism

**Feminist Data Visualization**

*Catherine D'Ignazio and Lauren Klein (2016)*

The (often) visual expression of spatial information that  
intentionally and explicitly addresses questions of  
**power, inequality, representation, and ethics.**

Feminist Cartographies in *Theory*

The (often) visual expression of spatial information that intentional and explicitly addresses questions of power, inequality, representation, and ethics.

A map may be feminist in **content, form, and/or process**.

Feminist Cartographies in *Theory*

# feminist cartographies — inclusive cart.

[the (often) visual expression of spatial info. that] intentionally + explicitly addresses questions of scale/embodiment/individual of power, inequality, representation, and/or ethics. ← what is missing?

A map may be feminist  
in content, form, or process.  
↓  
outcome/impact

Examples / themes  
→ Cartographies

Rethinking binaries  
Embracing pluralism  
Examine power and aspire to empower  
Consider context and subjectivity  
Representing Uncertainty  
Legitimize embodiment and affect  
Make labor visible

*Feminist Data Viz Principles (D'Ignazio and Klein 2016)*

# Rethinking binaries

Embracing pluralism

Examine power and aspire to empower

Consider context and subjectivity

Representing Uncertainty

Legitimize embodiment and affect

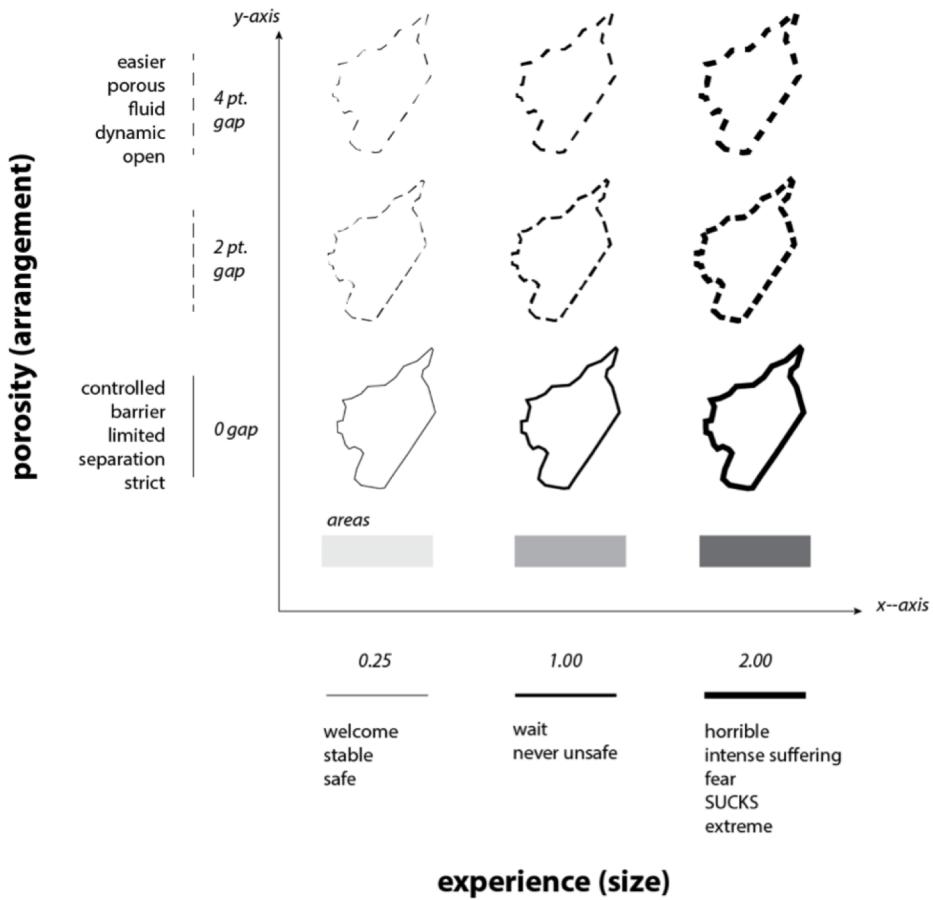
Make labor visible

*Feminist Data Viz Principles (D'Ignazio and Klein 2016)*



toilet

*Rethinking Binaries*

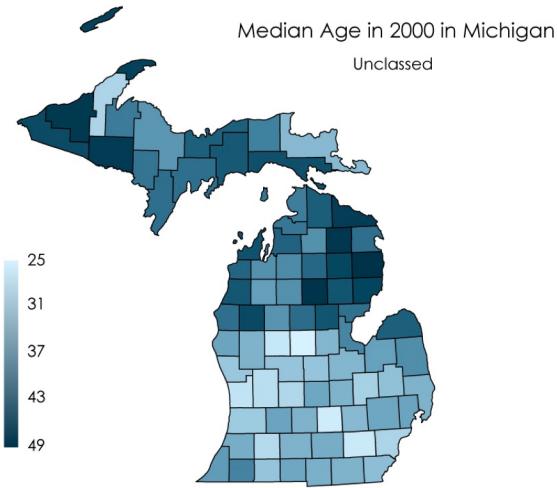
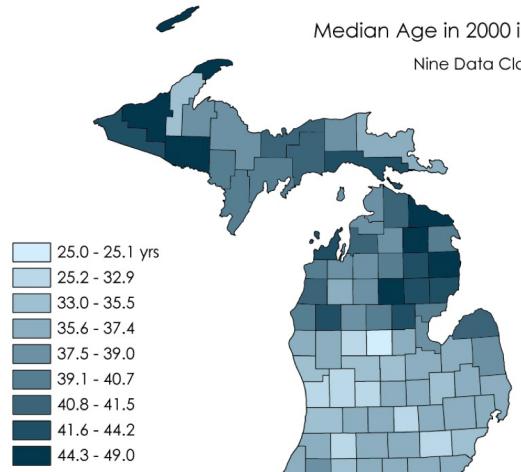
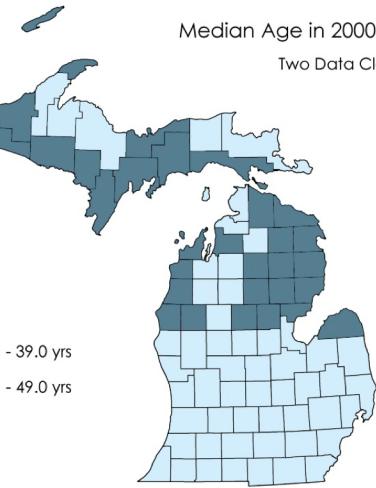


POINTS OF  
ACCESS ON THE  
US-MEXICO BORDER

• - | POINT OF ENTRY

"UNITED STATES OF AMERICA"

"ESTADOS UNIDOS MEXICANOS"



Rethinking binaries

## **Embracing pluralism**

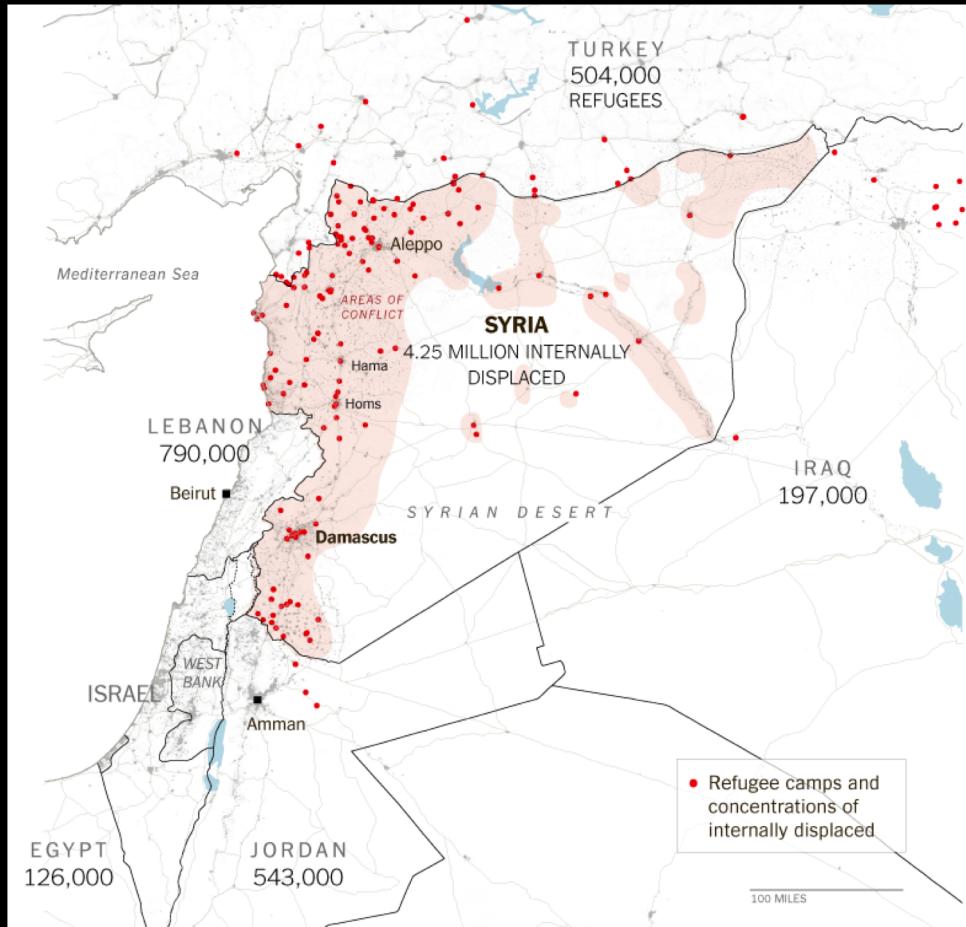
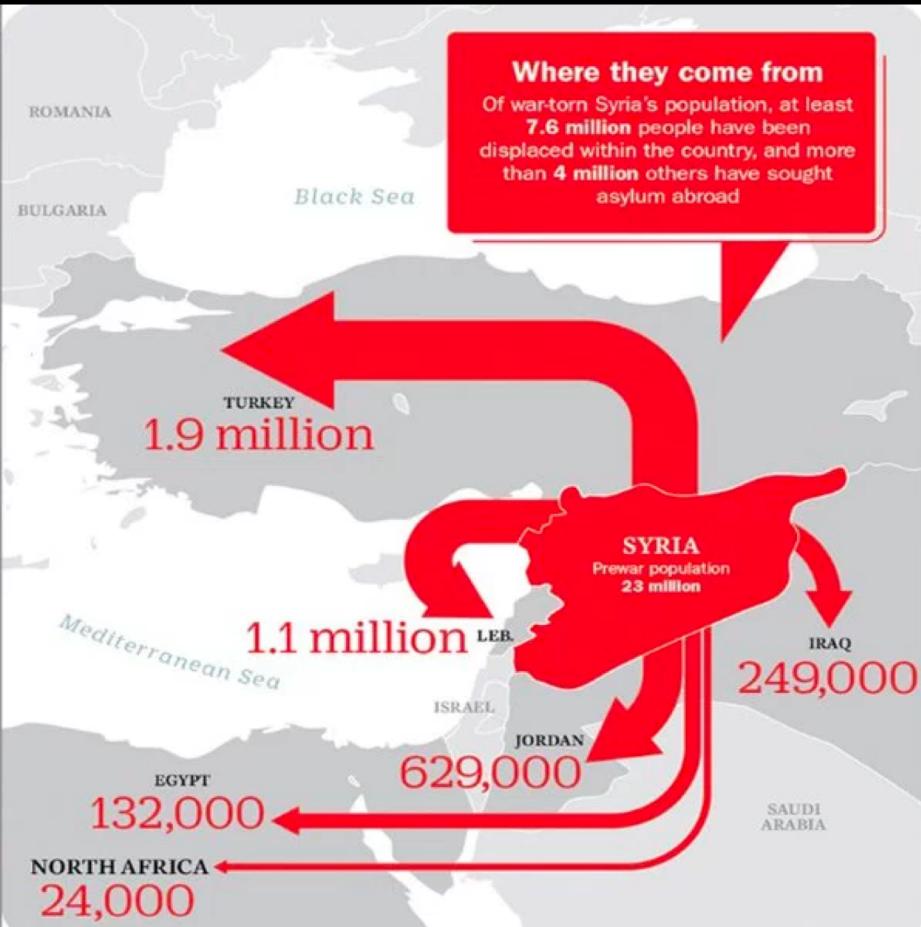
Examine power and aspire to empower

Consider context and subjectivity

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Legitimize embodiment and affect

Make labor visible



## Collectively Mapping Borders

Meghan Kelly





# Wisconsin

As seen by the many who live there



🔍 map



Results for “map”

34,964 icons 768 collections



Rethinking binaries

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HOME ABOUT ACCESS SUBMIT PROJECTS DONATE FAQ CONTACT

# MISSING & MURDERED INDIGENOUS WOMEN DATABASE

© 2018 ANNITA LUCCHESI. PROUDLY CREATED WITH WIX.COM

E BEA JENNIKA NERISSA MAKAYLA SAMANTHA LATOYA VERA MIA FREIDA RAINBOW SAMMI TASHAYNI  
LYNNE DESTINY RUBINA MAE LAURIE JOCELYN MERCEDES EARLENE KEESHA ADRIENNE JASMINE RAQ  
INIA LOREAL MIRABELLA ALISHA SADIE JOZANNA JAYDEN JOURDAN CHELSEA TRINA VIKKI SHAYLENE  
RAMONA HOPE SARAH TARITA COURTNEY ELIE LEONA TONEQUA

## ACCESSING THE DATA

The data is made available on an as-requested basis. The database spans from 1900 to the present, includes both Canada and the US, and includes all homicide victims, deaths in custody, suspicious deaths, and missing persons who are identified as indigenous women or girls (including trans-women, two-spirit people, and descendants who were part of an indigenous community but lack enrollment/status). The following data is logged in the database:

- Names (English, Indian, & translation of Indian name)
- Tribal Affiliation(s)
- Location (town, state/province, country, location type)
- Date of event
- Victim birth date and age at time of event
- Status (missing or murdered)
- Case ruling
- Reward (if one was ever put out, and how much)
- Race, gender, & conviction status of the perpetrator
- Relationship the perpetrator had to the victim
- Violence done to body after death
- If the victim was a mother
- If the victim had other MMIWG in their family
- Relevant keywords (disabled, domestic violence, sexual assault, sex work/trafficking, foster care, residential schools, 60s Scoop, police brutality/healagence/death in

## REQUESTS

When making a request for data, please share as much of the following information as you can:

- Type of Data: Do you need all cases from a specific geographic area, tribe, or time period? Are you only looking for data on a particular relevant issue—for example, police brutality or sexual assault? Try to be as specific as you can.
- Who You Are: Are you a journalist, a community member, a policymaker, or a researcher? Are you indigenous, or do you work with an indigenous community?
- How You Plan to Use the Data: Is this for a community event, a news article, or a research project? Knowing how you will use this data is important because it helps us figure out what data would help you in your work, and ensure that it's being used in a respectful and appropriate way.
- When You Need the Data: If you have a time-sensitive request, please share that information so that we can

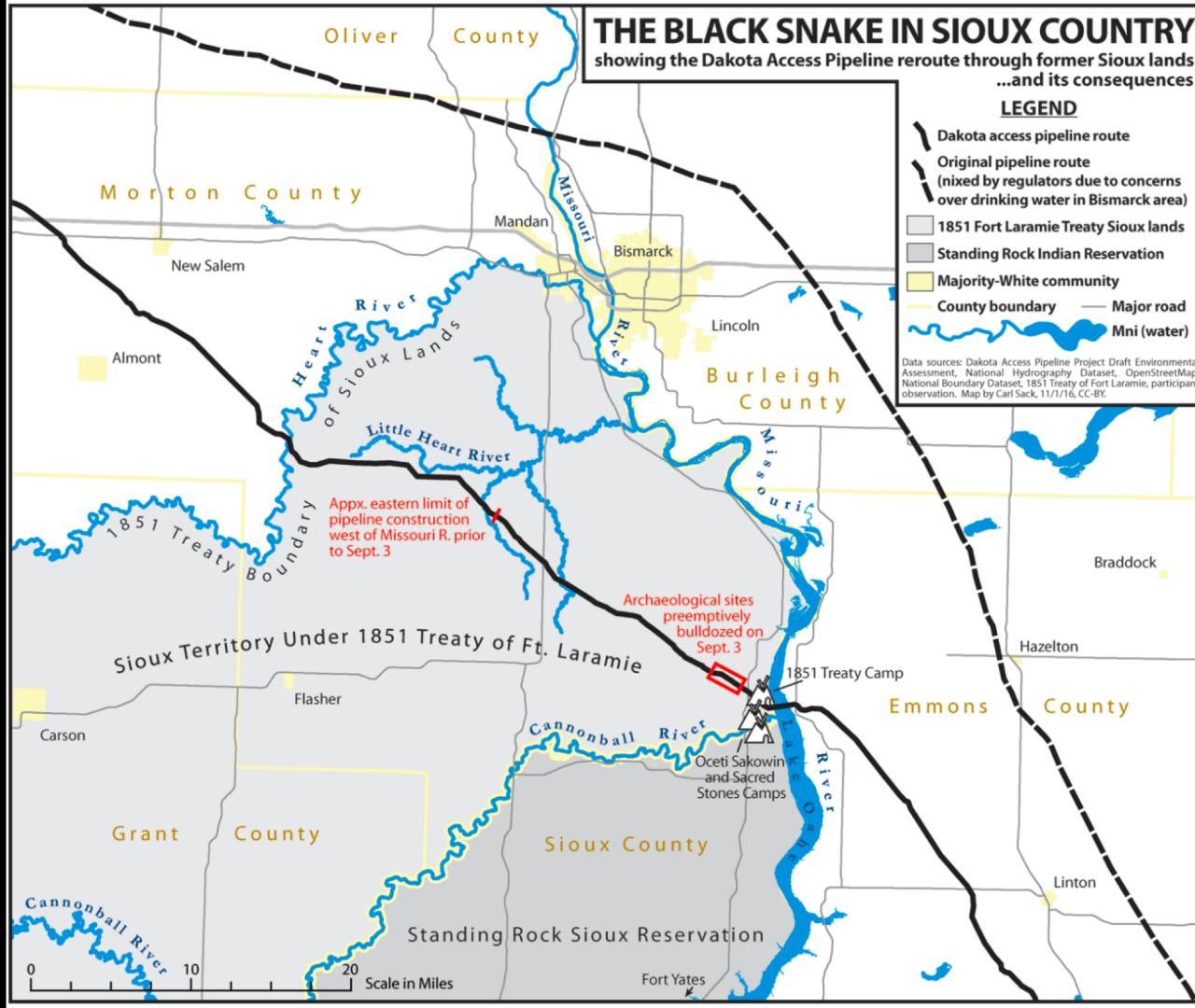
# THE BLACK SNAKE IN SIOUX COUNTRY

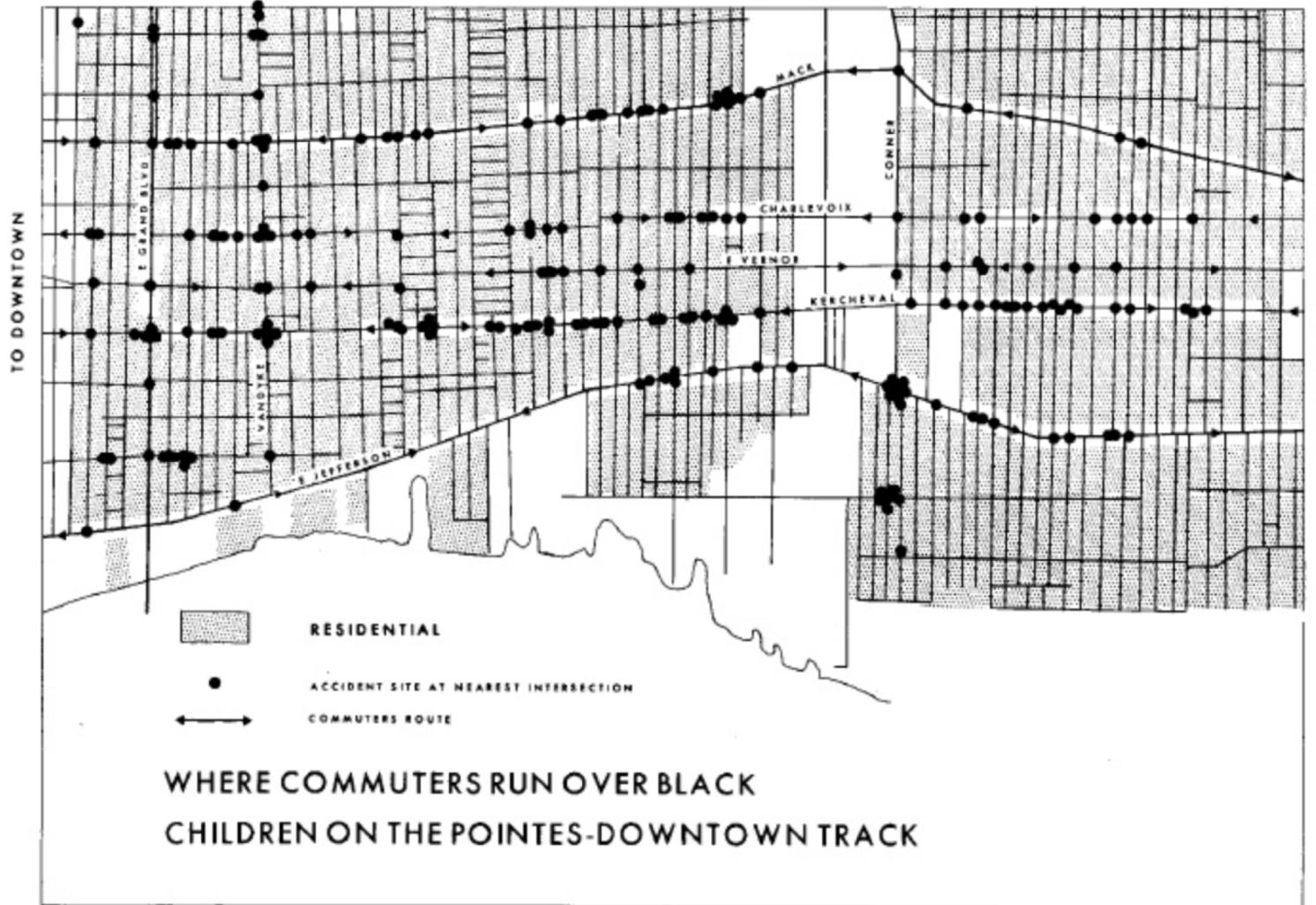
showing the Dakota Access Pipeline reroute through former Sioux lands  
...and its consequences

## LEGEND

- Dakota access pipeline route
- Original pipeline route (moved by regulators due to concerns over drinking water in Bismarck area)
- 1851 Fort Laramie Treaty Sioux lands
- Standing Rock Indian Reservation
- Majority-White community
- County boundary — Major road
- Mni (water)

Data sources: Dakota Access Pipeline Project Draft Environmental Assessment, National Hydrography Dataset, OpenStreetMap, National Boundary Dataset, 1851 Treaty of Fort Laramie, participant observation. Map by Carl Sack, 11/1/16, CC-BY





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# 2017 DESIGN CHALLENGE

hosted by the UW-Madison Cartography Lab

March 4, 2017 • 9am–8pm • UW-Madison Cartography Lab

## MEANINGFUL WORK FOR YOUR CITY

Maps are powerful and persuasive visuals for tackling local needs. The 2017 Design Challenge will focus on mapping and community needs in Madison!

Participants will create a comprehensive plan for Madison focused on community services (where are the services and who



# Our Needed Community Center

Bridge Lake Point Neighborhood Center offers a range of successful child and adult programs.

We are in desperate need of more space! All of our programs have waiting list of at least 5 people.

We also need more public space amenities for our neighbors in Bridge Lake Point and Waunona.

Many of our city's neighborhood centers have the following amenities, which are currently missing from our neighborhood:

- cafés
- sitting and reading spaces with wifi
- computer lab
- fitness center
- basketball gyms and rec centers
- art and cooking classes
- gallery space and theater
- community kitchen and event space



Search

Where is this?

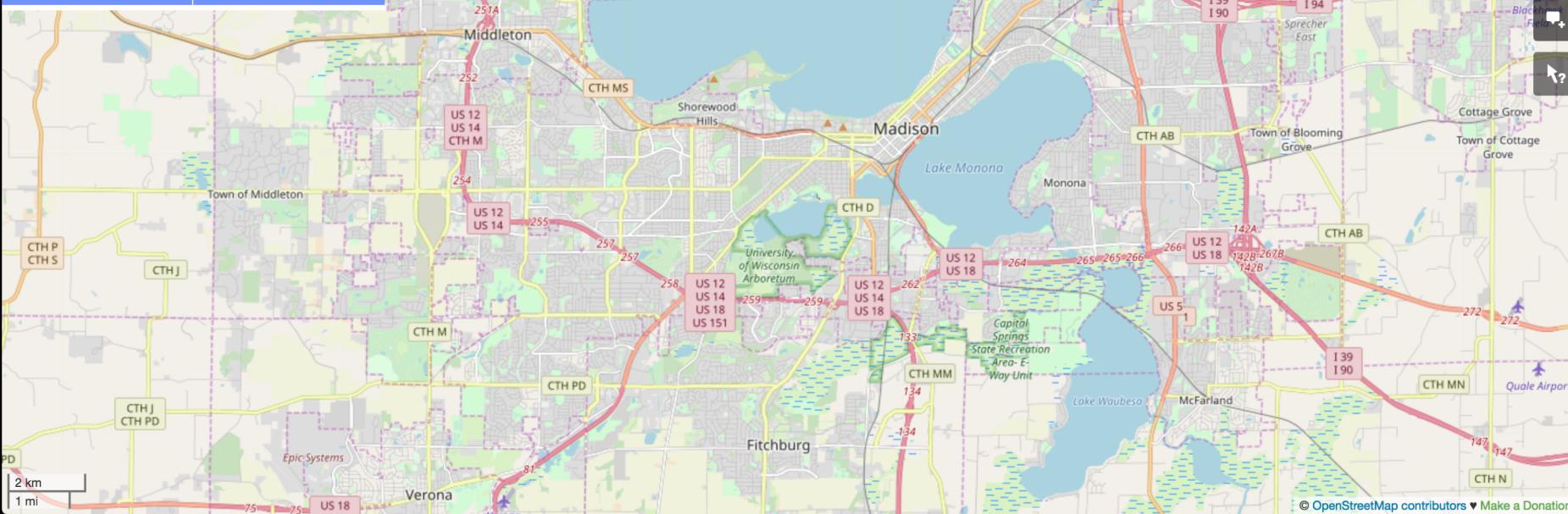
Go



## Welcome to OpenStreetMap!

OpenStreetMap is a map of the world, created by people like you and free to use under an open license.

Hosting is supported by UCL, Bytemark Hosting, and other [partners](#).

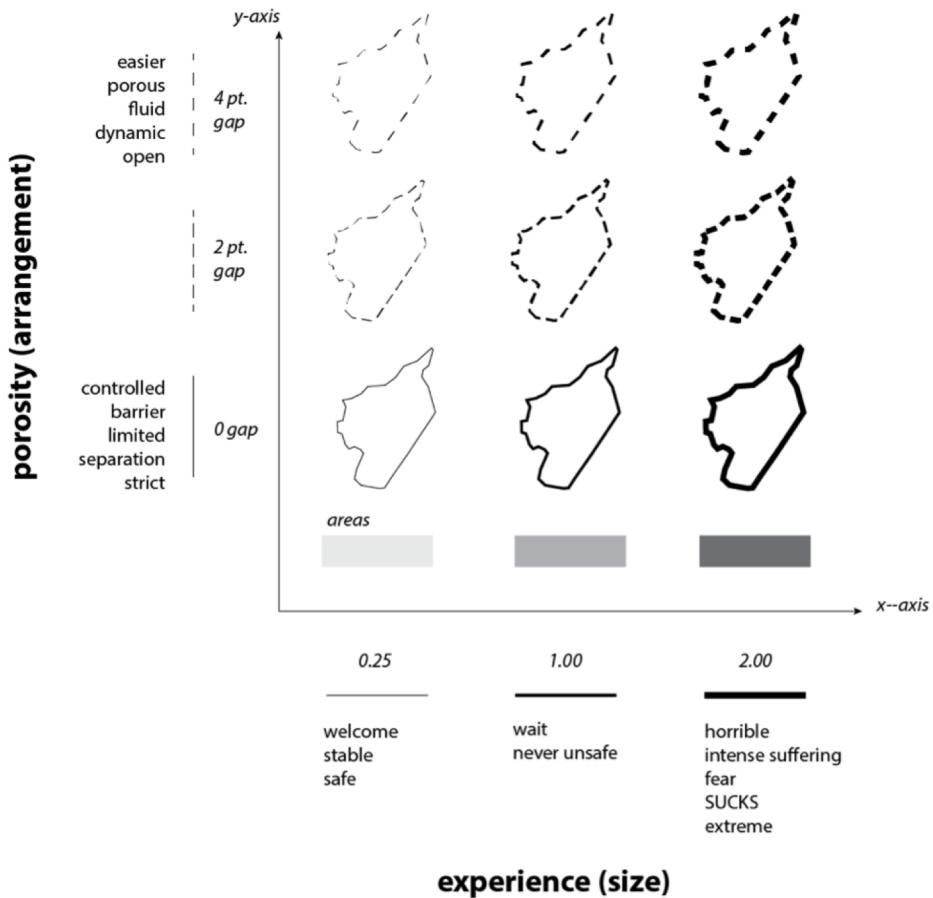
[Learn More](#)[Start Mapping](#)

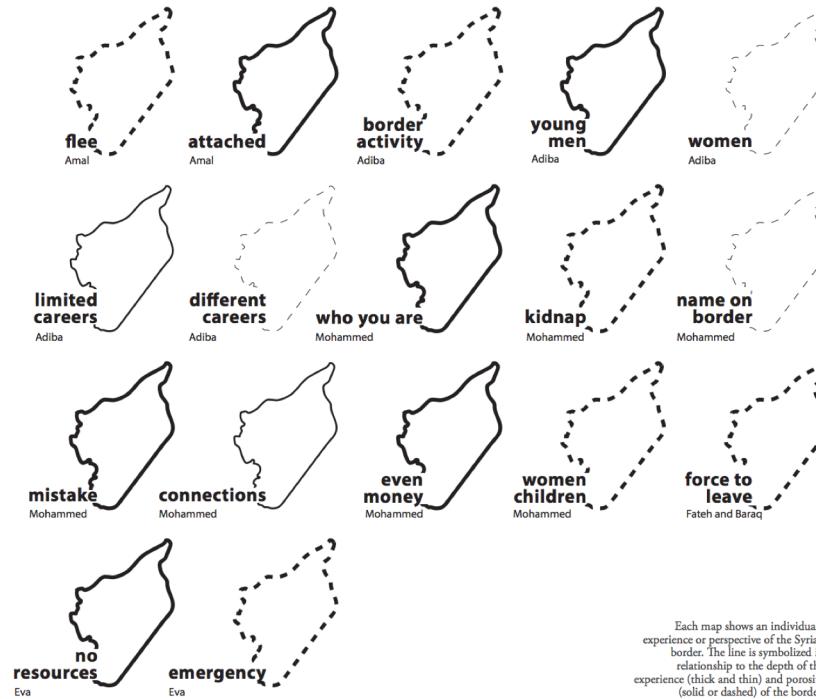
Rethinking binaries  
Embracing pluralism  
Examine power and Aspire to empower

## **Consider context and subjectivity**

Representing Uncertainty  
Legitimize embodiment and affect  
Make labor visible

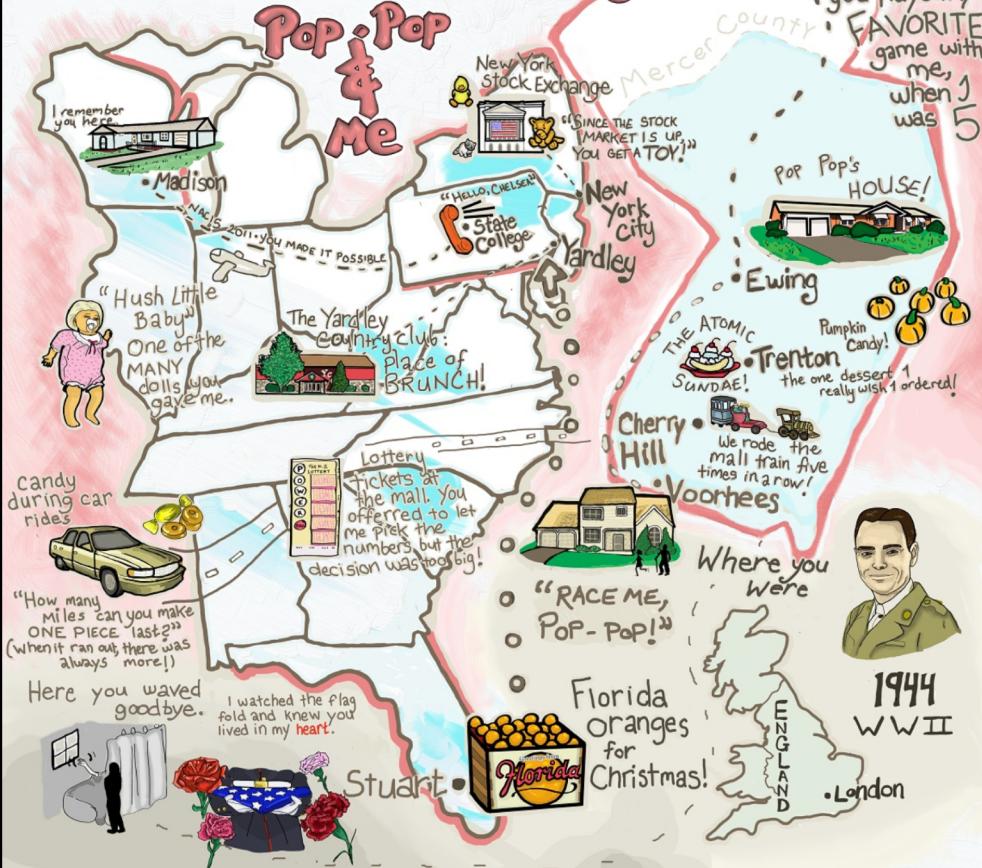
*Feminist Data Viz Principles (D'Ignazio and Klein 2016)*

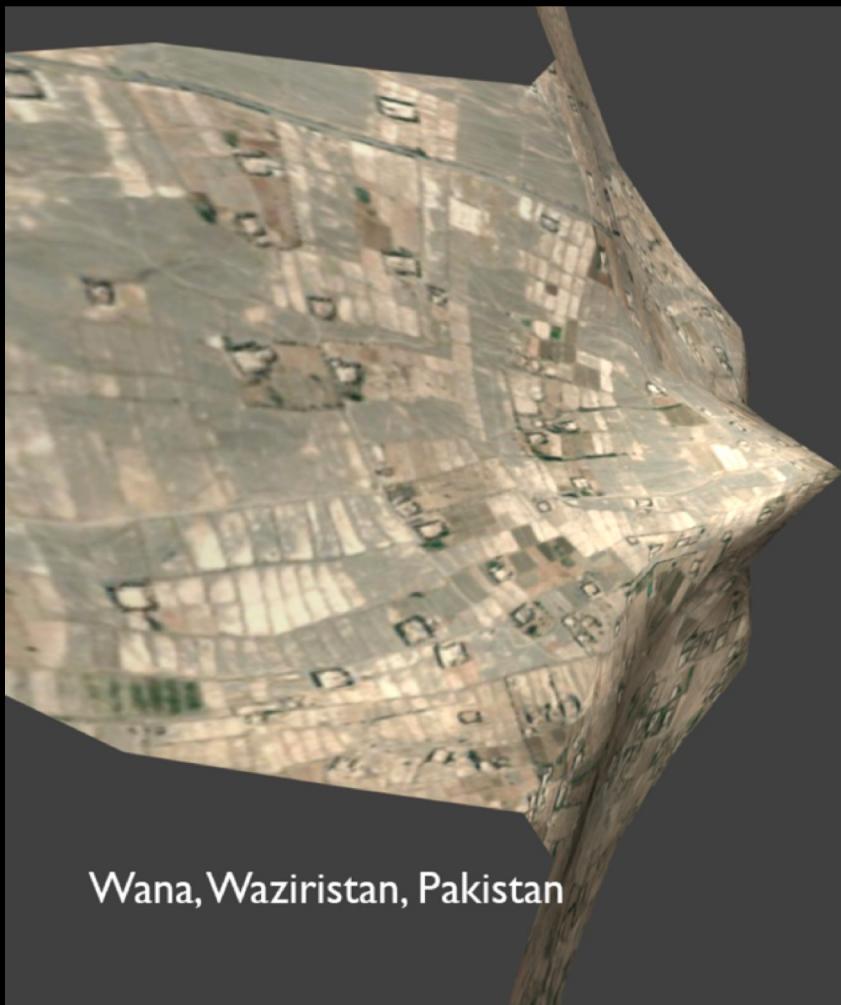




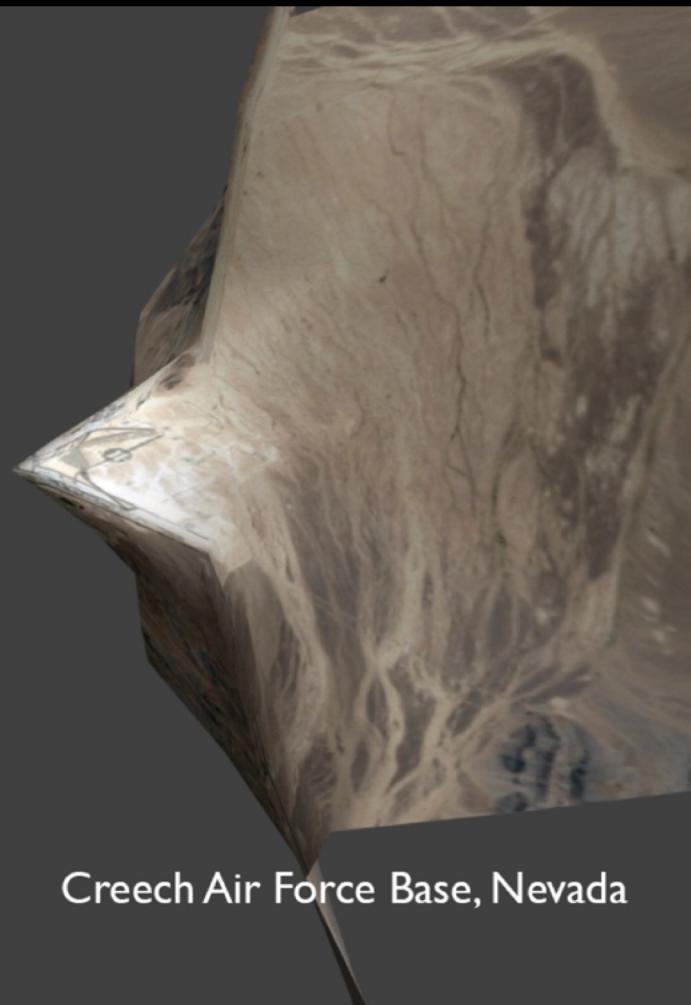
Each map shows an individual's experience or perspective of the Syrian border. The line is symbolized in relationship to the depth of the experience (thick and thin) and porosity (solid or dashed) of the border.

# The Places We've BEEN!





Wana, Waziristan, Pakistan



Creech Air Force Base, Nevada

Rethinking binaries  
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Examine power and Aspire to empower

Consider context and subjectivity

## **Representing Uncertainty**

Legitimize embodiment and affect

Make labor visible

*Feminist Data Viz Principles (D'Ignazio and Klein 2016)*



**I was physically -  
hurt in one  
incidence**

## Collectively Mapping Borders

Meghan Kelly



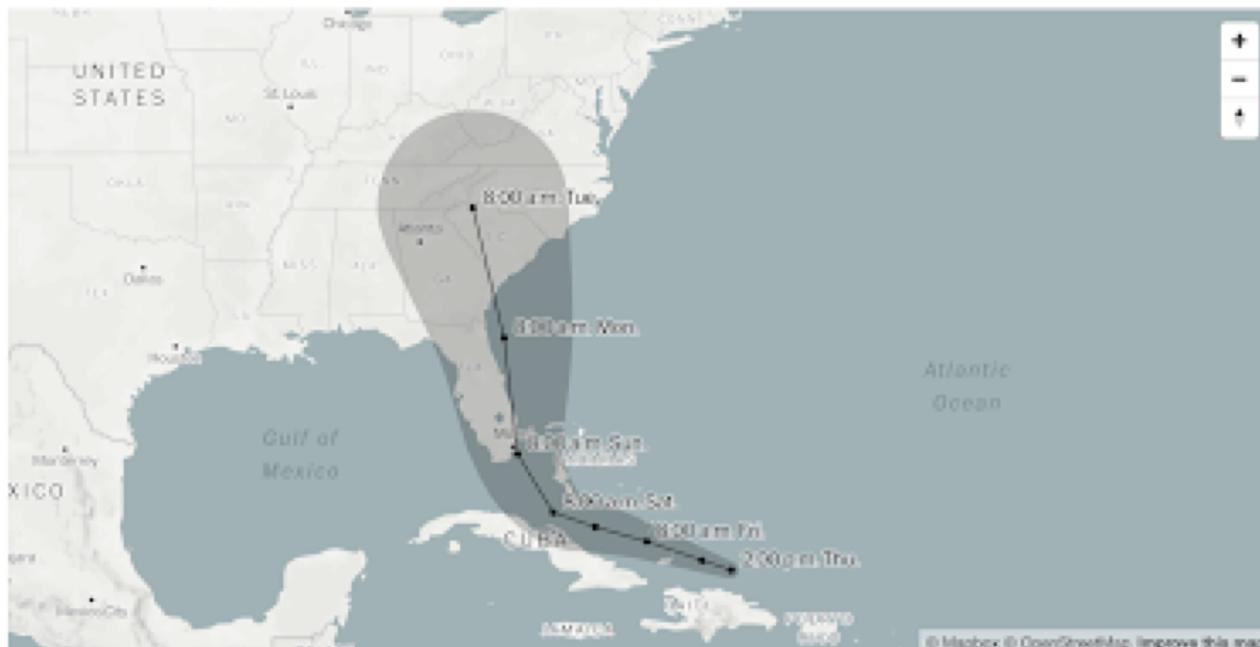


# What's in the path of Hurricane Irma

The storm is big, fast and speeding through the Caribbean toward Florida

By [Bennie Berkowitz](#), [Larin Karklis](#), [Reuben Fischer-Baum](#), [John Mayskava](#), [Gabriel Florit](#) and [Denise Lu](#)

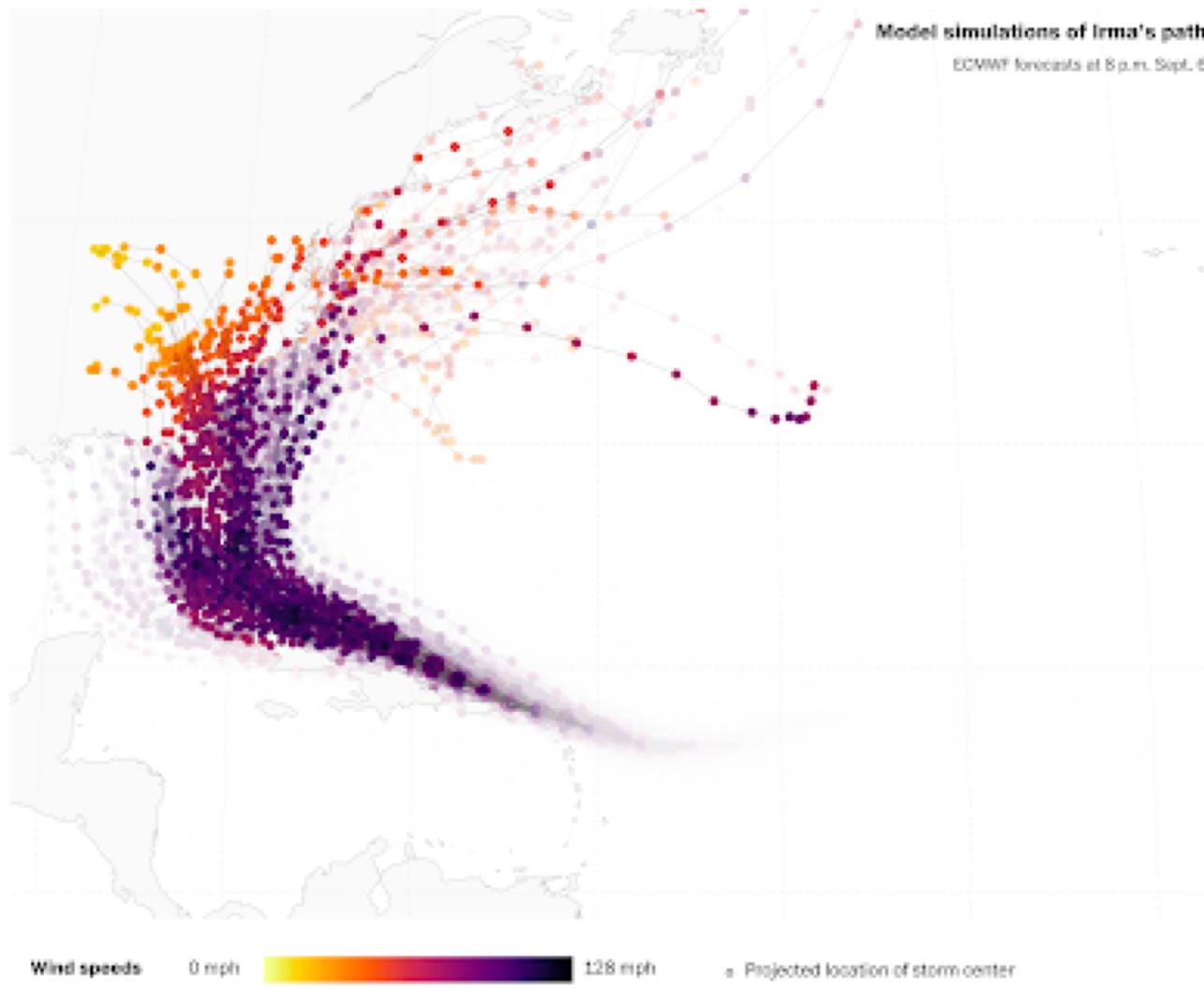
Updated Sept. 7 3:35 p.m.



The future path of the center of Hurricane Irma could be anywhere within this cone.

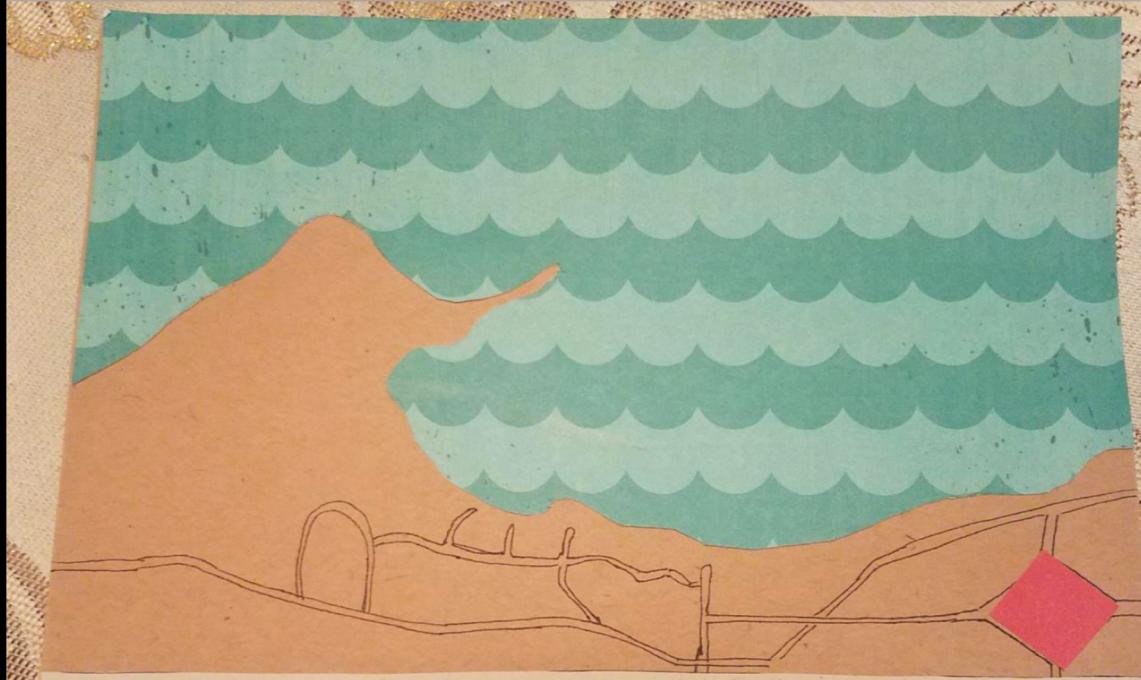
**Model simulations of Irma's path**

ECMWF forecasts at 8 p.m. Sept. 6



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- Body + Embodiment -

Body: one biological object, binaries

Embodiment: lived experience of human  
beings

# Embodiment

## Emotion map of Madison

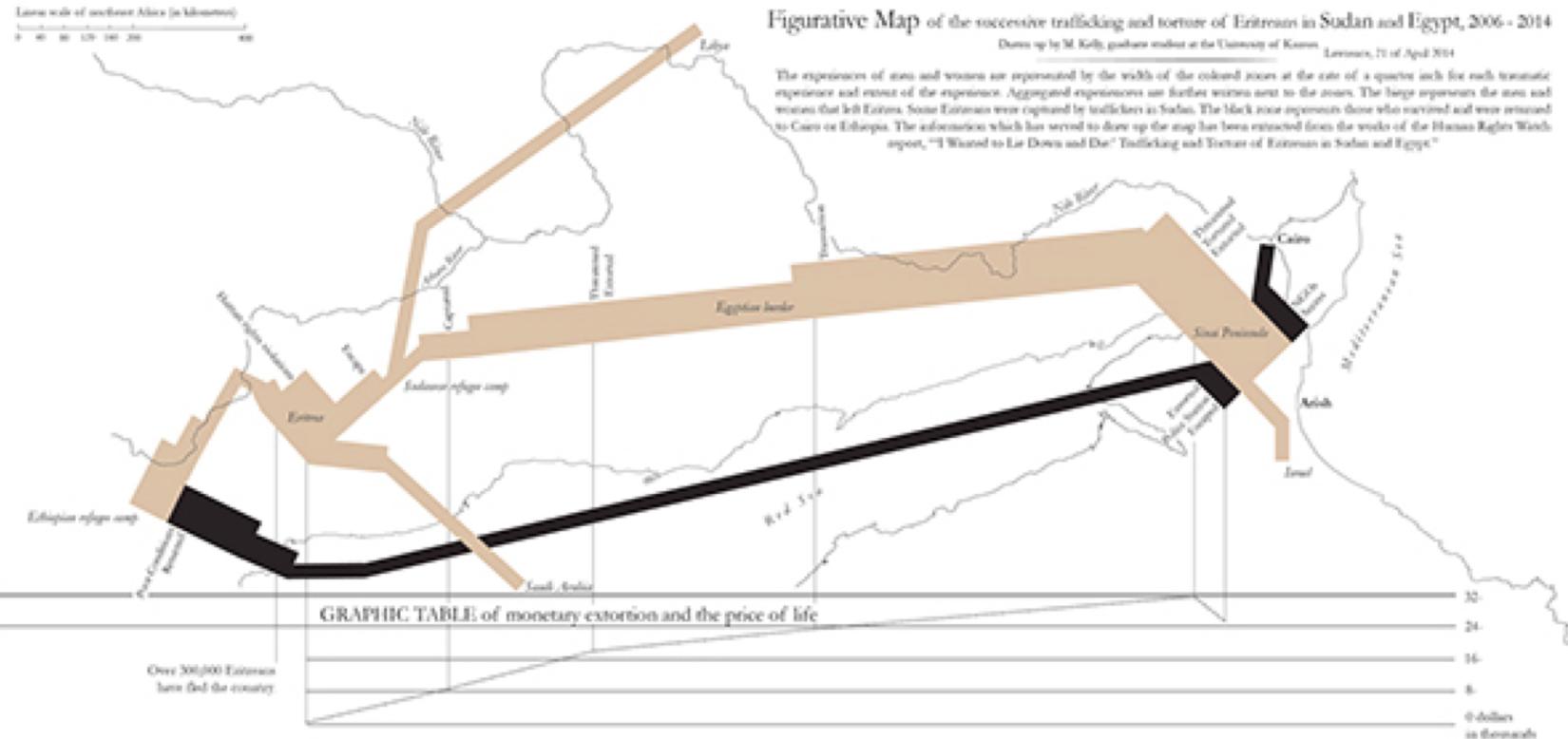




Lakes and rivers of northeast Africa (in kilometers)

0 40 80 120 160 200 240

400





## Trump's America





## Clinton's America

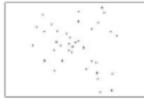


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## AA\_Polling\_Locations

Shapefile



### Tags

Voting, Vote, Polling Location, Precincts, Ward, Election

### Summary

To make a complete dataset of all polling places in the City.

### Description

Point feature class containing polling places for the City of Ann Arbor. Includes the polling place address, building name, the precinct that votes there, and its X & Y coordinates (In International feet based on the feature class' spatial reference)

### Credits

Scott Harrod

### Use limitations

The City of Ann Arbor shall not be held liable for improper or incorrect use of this data. This data and related graphics are not legal documents and are not intended to be used as such. The information contained in this data is dynamic and may change over time. The data is not better than the original sources from which it was derived. It is the responsibility of the data user to use the data appropriately and within the limitations of geospatial data in general. The City of Ann Arbor gives no warranty, expressed or implied, as to the accuracy, reliability, or completeness of this data. It is strongly recommended that this data be directly acquired from the City of Ann Arbor, and not indirectly through other sources which may have changed the data in some way. This disclaimer applies both to individual use of the data and aggregate use with other data.

### Extent

**West** -83.790996   **East** -83.685866  
**North** 42.311930   **South** 42.233096

### Scale Range

There is no scale range for this item.

[ArcGIS Metadata ►](#)

[Topics and Keywords ►](#)



Micah Cohen

@micahcohen

Follow

What's that? You want all the data we use at @FiveThirtyEight in one easy-to-find-and-download place?

OK:

252 Donald Trump,Adults,11/18/2017,37.66821,41.32718,38.99324,55.76469,60.22801,51.30137,137.18:21 18 Nov  
253 Donald Trump,All polls,11/18/2017,38.19148,42.61405,33.76891,55.45759,59.77378,51.1414,13:18:15 18 Nov  
254 Donald Trump,Adults,11/17/2017,37.49475,41.12764,33.88167,55.88109,60.26508,51.3371,14:27:21 17 Nov 2  
255 Donald Trump,Voters,11/17/2017,39.28837,43.7735,34.999,55.46194,59.46125,51.46262,14:27:25 17 Nov 2  
256 Donald Trump,All polls,11/17/2017,38.07958,42.49839,33.66876,55.4835,59.79652,51.17848,14:27:19 17 Nov 2  
257 Donald Trump,Voters,11/16/2017,39.17174,43.72211,34.62136,55.44165,59.49914,51.39315,22:26:26 16 Nov  
258 Donald Trump,Adults,11/16/2017,37.56749,41.25379,33.8812,56.8501,60.54091,51.35912,22:26:21 16 Nov 2  
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269 Donald Trump,Voters,11/12/2017,38.91225,43.31968,34.50483,55.91314,60.30188,51.52439,13:07:25 12 Nov  
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277 Donald Trump,All polls,11/10/2017,37.85893,42.279,33.43886,56.11641,60.87601,51.3568,17:38:16 10 Nov  
278 Donald Trump,Voters,11/9/2017,38.82588,43.16136,34.4888,56.08883,60.37885,51.63721,15:22:24 9 Nov 20

### Our Data

We're sharing the data and code behind some of our articles and graphics.

[data.fivethirtyeight.com](http://data.fivethirtyeight.com)

1:56 PM - 9 Feb 2018

558 Retweets 1,701 Likes



47



558



1.7K



# Our Data

We're sharing the data and code behind some of our articles and graphics.

We hope you'll use it to check our work and to create stories and visualizations of your own.

• UPDATING

---

DATA SET

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---

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**2018 MLB Predictions**

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congress-generic-ballot

**Are Democrats Or Republicans Winning The Race For**

a day ago •

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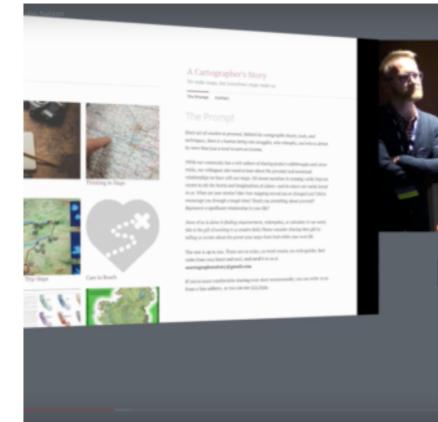
# A Cartographer's Story

We make maps, but sometimes maps make us.

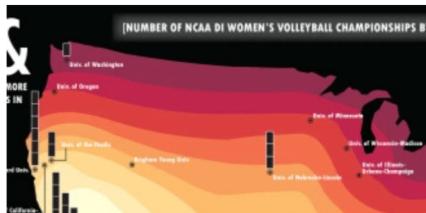
[The Prompt](#) [Contact](#)



## An Introduction



Bringing the Show to NACIS



# A Cartographer's Story

*We make maps, but sometimes maps make us.*

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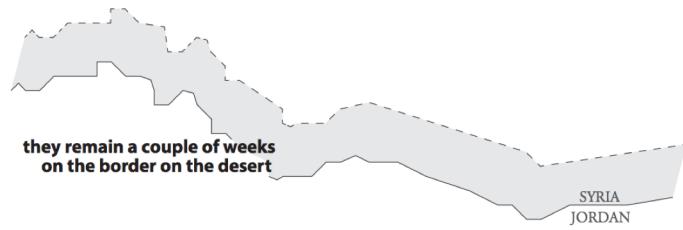
[The Prompt](#)   [Contact](#)

## The Prompt

*Every act of creation is personal. Behind the cartographic theory, tools, and techniques, there is a human being who struggles, who triumphs, and who is driven by more than just a need to earn an income.*

*While our community has a rich culture of sharing project walkthroughs and clever tricks, our colleagues also need to hear about the personal and emotional relationships we have with our maps. We invest ourselves in creating works that are meant to stir the hearts and imaginations of others—and in return our works invest in us. What are your stories? How has mapping moved you or changed you? Did it encourage you through a tough time? Teach you something about yourself? Represent a significant relationship in your life?*

*None of us is alone in finding empowerment, redemption, or salvation in our work; this is the gift of working in a creative field. Please consider sharing that gift by telling us stories about the power your maps have had within your own life.*



### Fateh and Baraq

Syrian-Jordanian borderland

For those that reach the border, Fateh and Baraq described the border as space, not a line.

Several months ago, there were like 5000 refugee on the border waiting for the Jordan government approval to give them the permission to enter Jordan, so they remain a couple of weeks on the border... the Jordanian army and UNHCR distributed the food, water, and shelter during that time... they spent some days on the desert in area called Al elayaneh...

## Fateh and Baraq

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A map may be feminist in  
**content, form, and/or process.**

*Feminist Cartographies in Theory*

A map may be feminist in  
content, **form**, and/or process.

*Feminist Cartographies in Theory*



**Goal:** Use *feminist data visualization* principles to design alternative icons!

*Designing Feminist Icons*



**Step 1:** Pick an icon. In writing, reflect about its meaning. How might you critique its design through a feminist lens?

**Step 1:** Pick an icon. In writing, reflect about its meaning.  
How might you critique its design through a feminist lens?



swimming

**Step 1:** Pick an icon. In writing, reflect about its meaning. How might you critique its design through a feminist lens?

*Additional Prompts:*

What does the icon mean to you and why?

What might it mean to other people?

What assumptions are baked into the design of the icon? What are the icon's strengths and limitations?

Can you apply feminist data visualization principles to the icon? If so, how and if not, why?

Step 1: Pick an icon. In writing, reflect about its meaning. How might you critique its design through a feminist lens?

**Step 2:** Select a note taker in your group. In your groups, share your icons as well as your critiques. Discuss, reflect, and collate or combine your notes.

Step 1: Pick an icon. In writing, reflect about its meaning. How might you critique its design through a feminist lens?

Step 2: Select a note taker in your group. In your groups, share your icons as well as your critiques. Discuss, reflect, and collate or combine your notes.

**Step 3:** Share your reflections with the broader group.

