

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)

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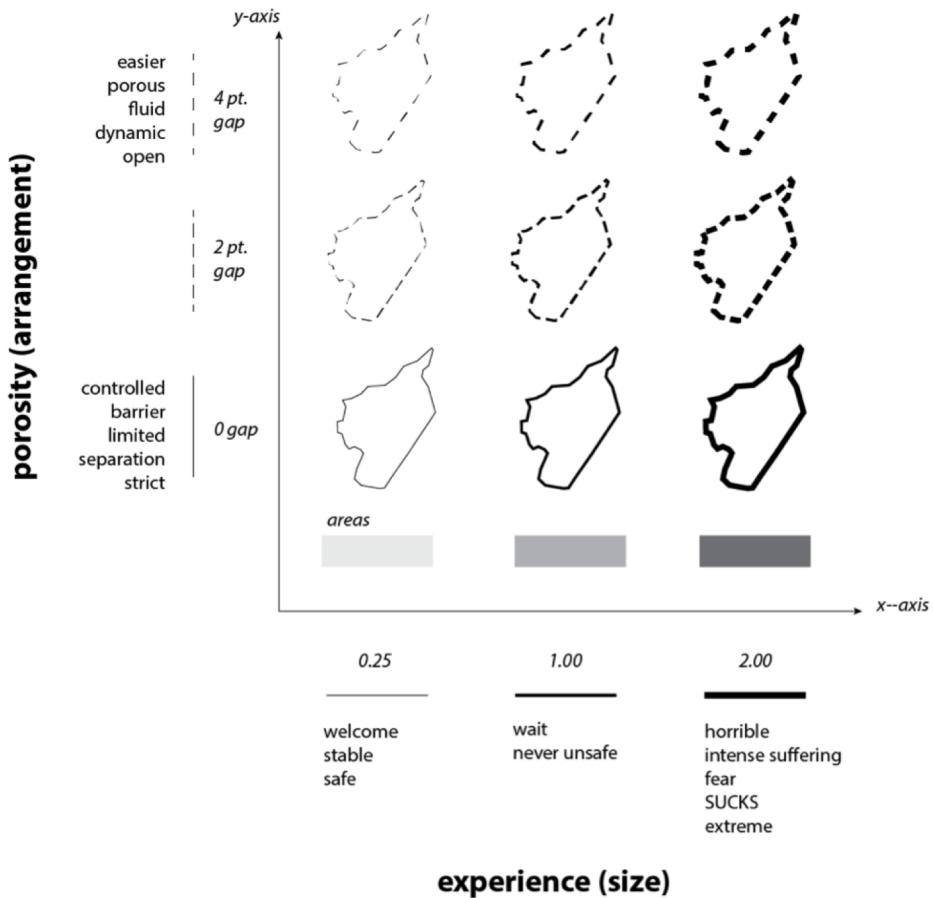
Make labor visible

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



toilet

Rethinking Binaries

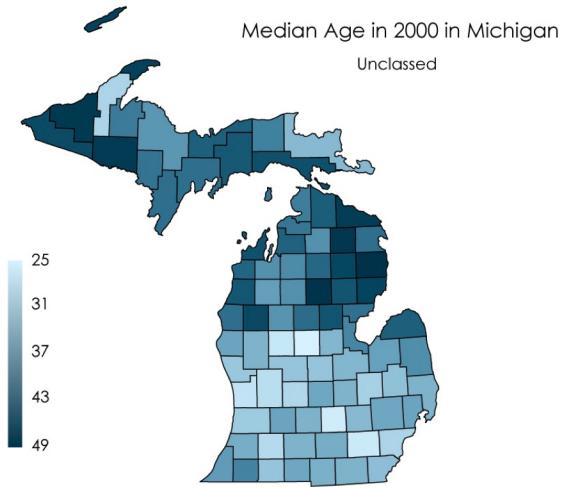
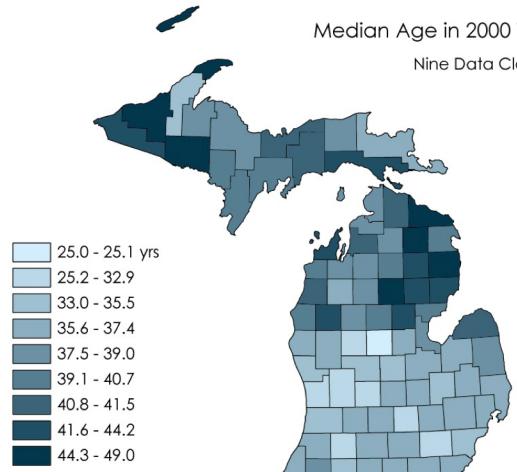
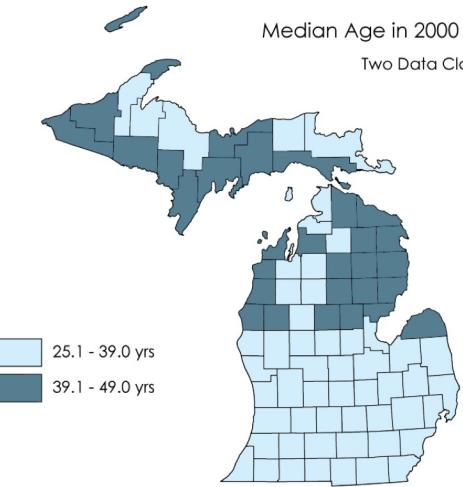


POINTS OF
ACCESS ON THE
US-MEXICO BORDER

• - | POINT OF ENTRY

"UNITED STATES OF AMERICA"

"ESTADOS UNIDOS MEXICANOS"



Rethinking binaries

Embracing pluralism

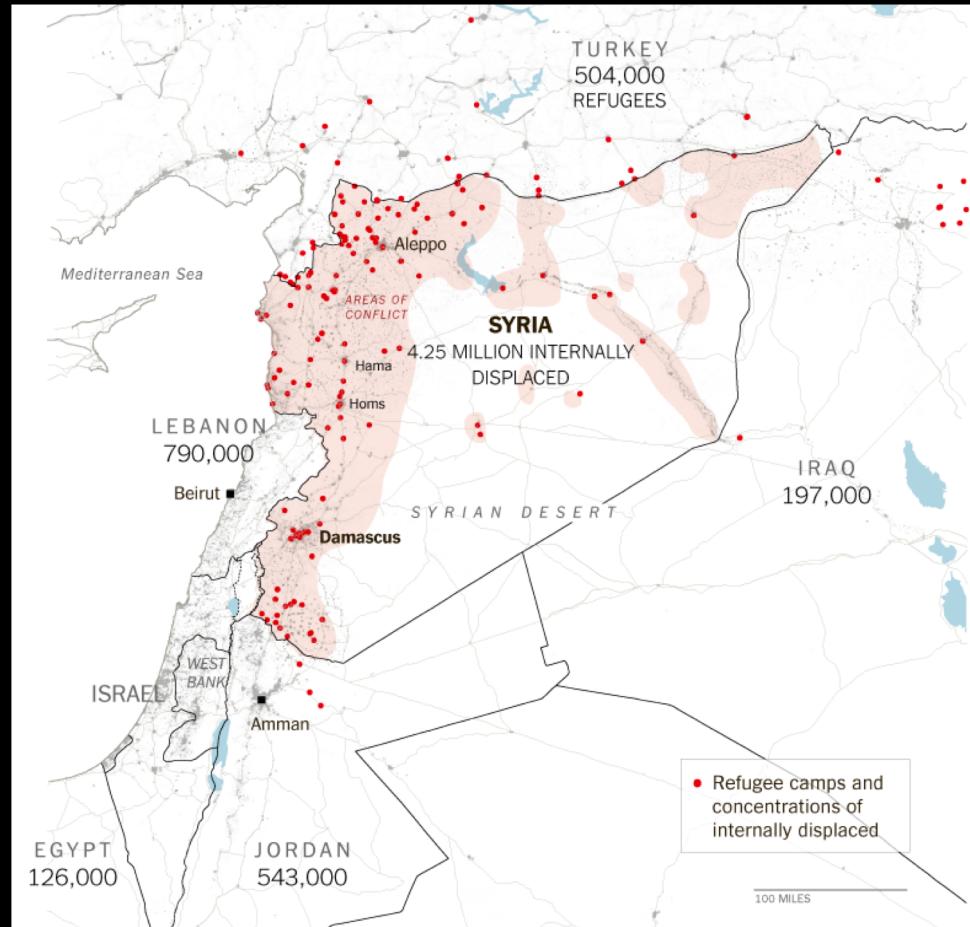
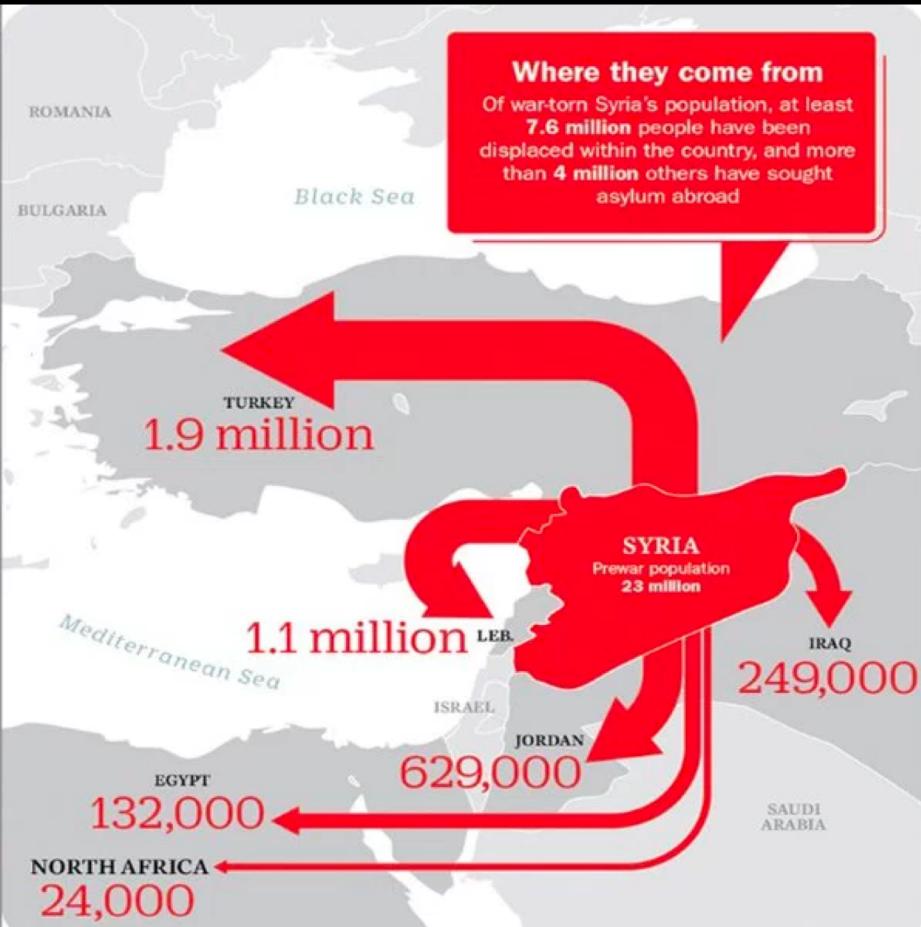
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Collectively Mapping Borders

Meghan Kelly





Wisconsin

As seen by the many who live there



🔍 map



Results for “map”

34,964 icons 768 collections



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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

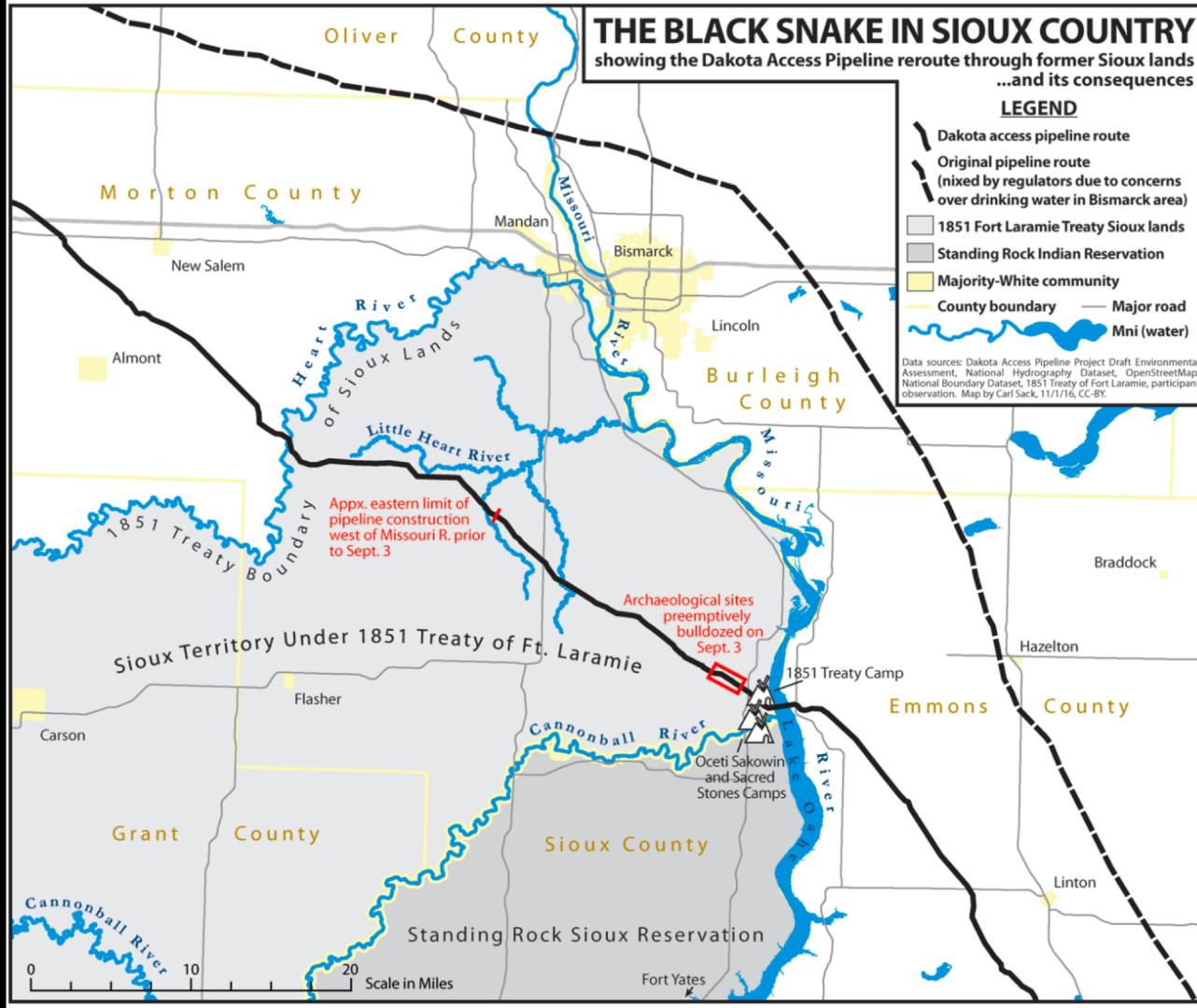
The data is made available on an as-requested basis. The database spans from 1900 to the present, includes both Canada and the US, and includes all homicide victims, deaths in custody, suspicious deaths, and missing persons who are identified as indigenous women or girls (including trans-women, two-spirit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

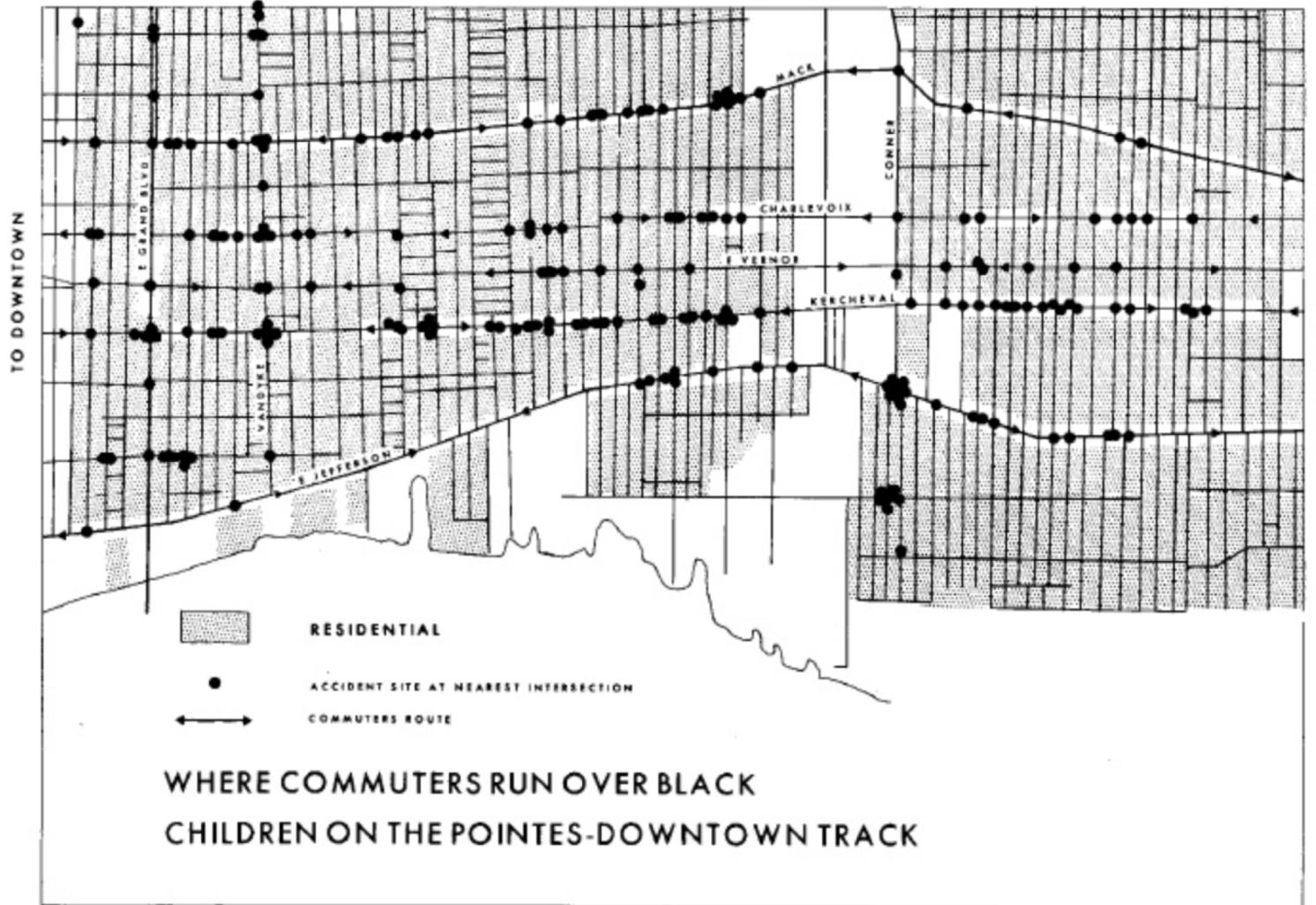
- Names (English, Indian, & translation of Indian name)
- Tribal Affiliation(s)
- Location (town, state/province, country, location type)
- Date of event
- Victim birth date and age at time of event
- Status (missing or murdered)
- Case ruling
- Reward (if one was ever put out, and how much)
- Race, 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





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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





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Where is this?

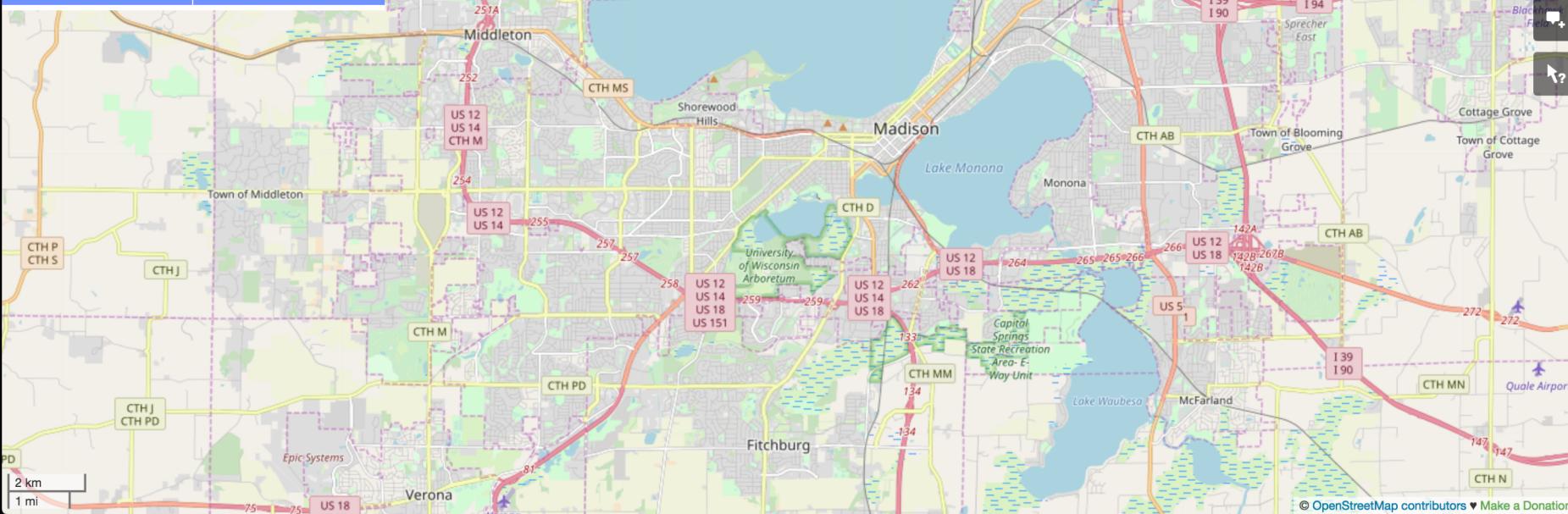
Go



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](#).

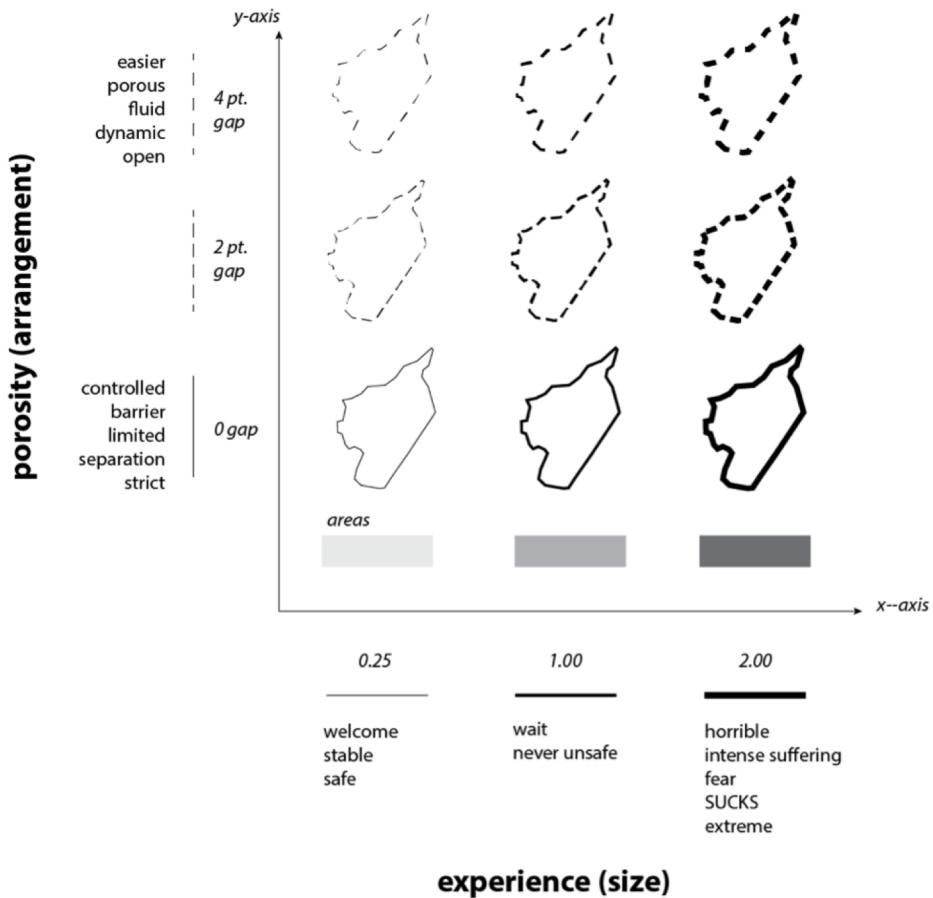
[Learn More](#)[Start Mapping](#)

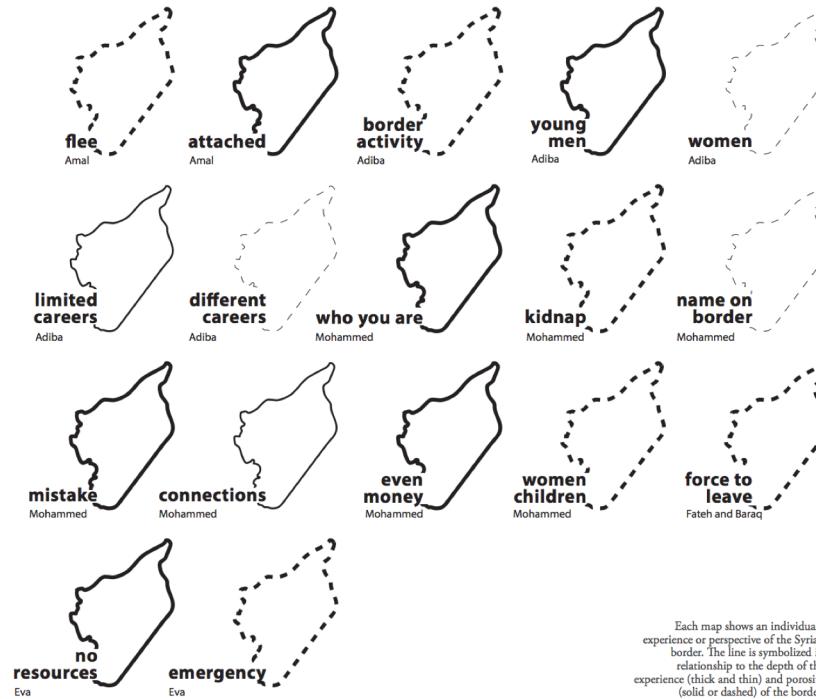
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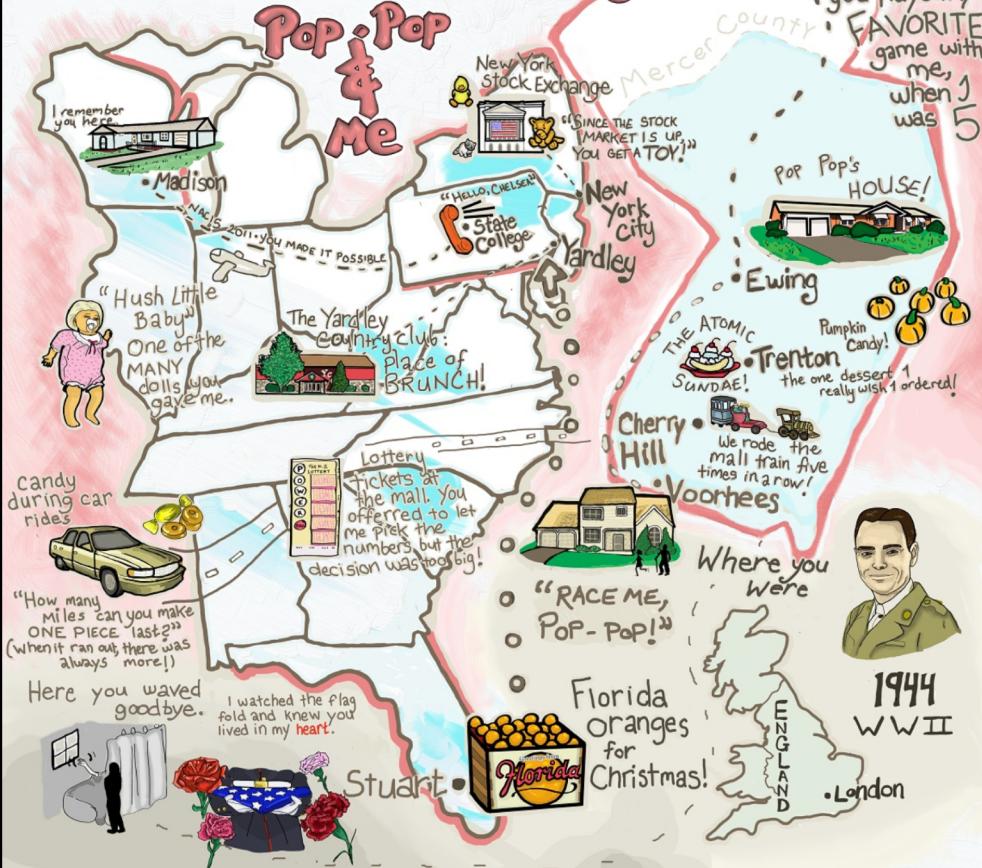
Feminist Data Viz Principles (D'Ignazio and Klein 2016)

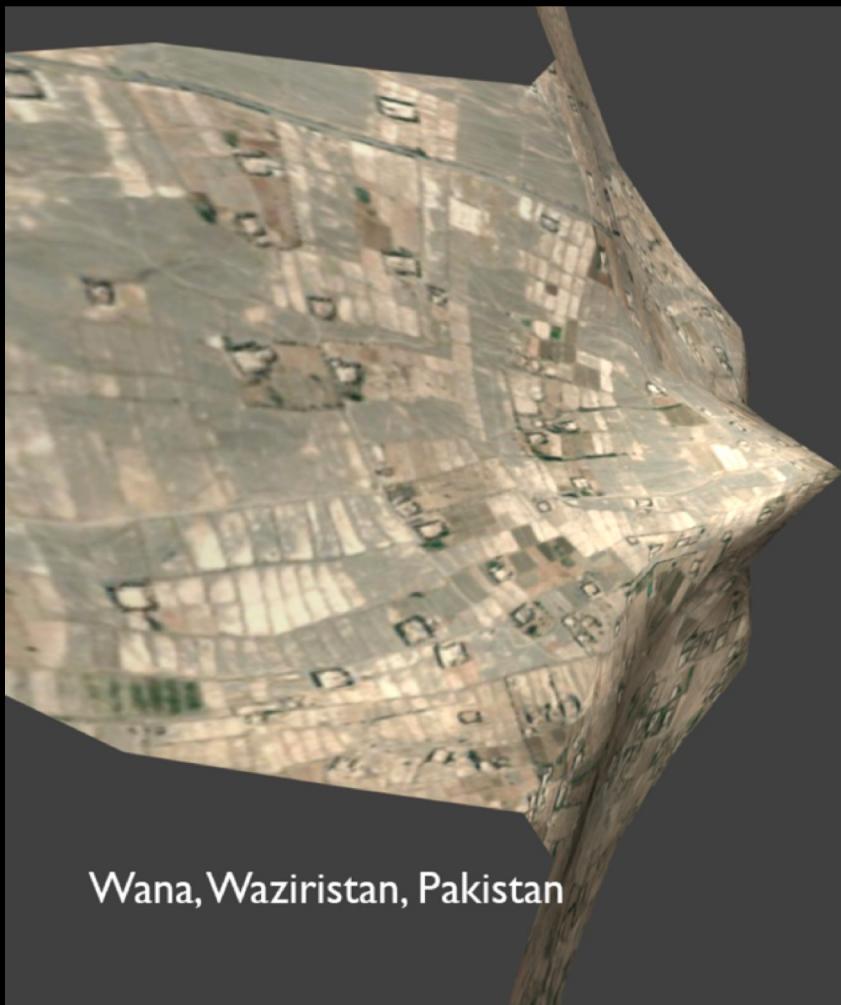




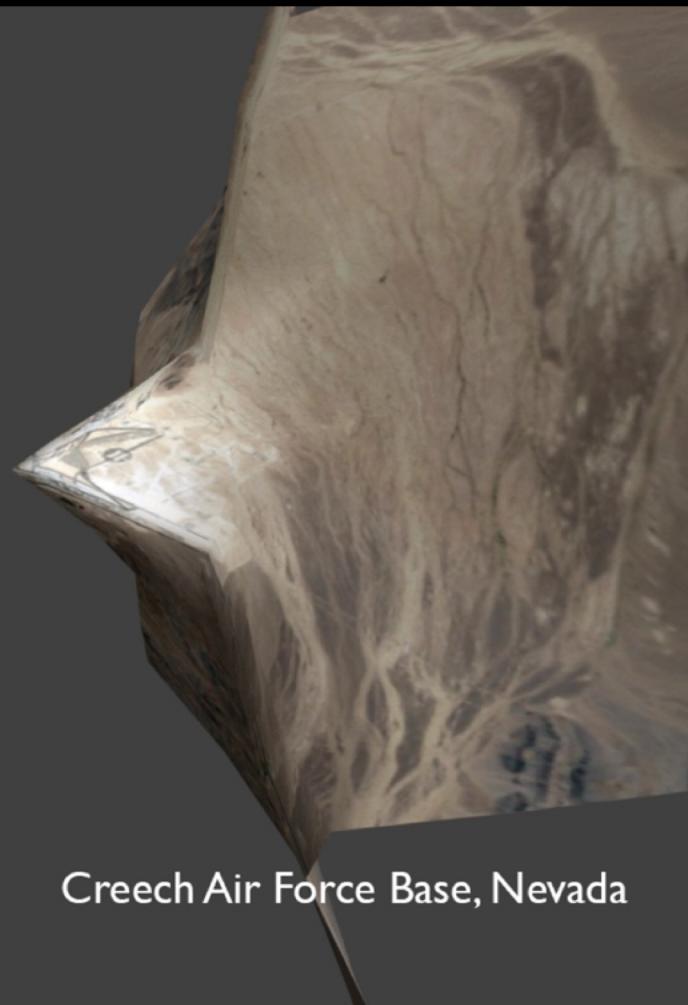
Each map shows an individual's experience or perspective of the Syrian border. The line is symbolized in relationship to the depth of the experience (thick and thin) and porosity (solid or dashed) of the border.

The Places We've BEEN!





Wana, Waziristan, Pakistan



Creech Air Force Base, Nevada

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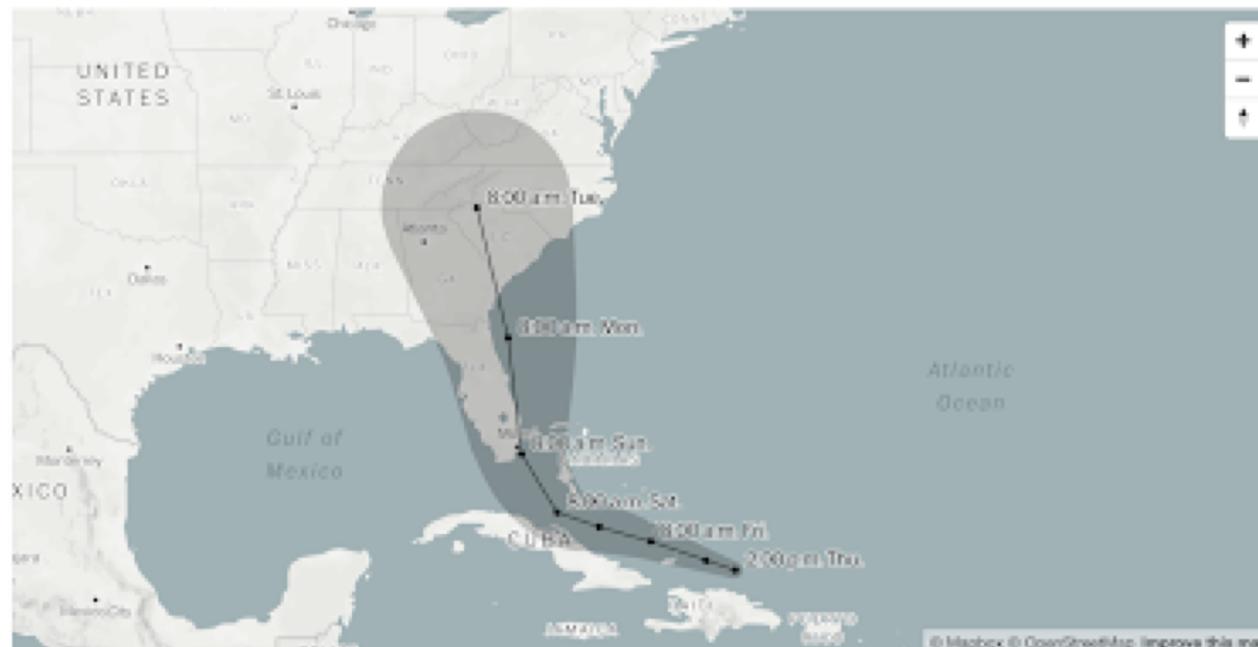


What's in the path of Hurricane Irma

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

By Bonnie Berkowitz, Laris Karklis, Reuben Fischer-Baum, John Mayaknow, Gabriel Florit and Denise Lu

Updated Sept. 7 3:15 p.m.

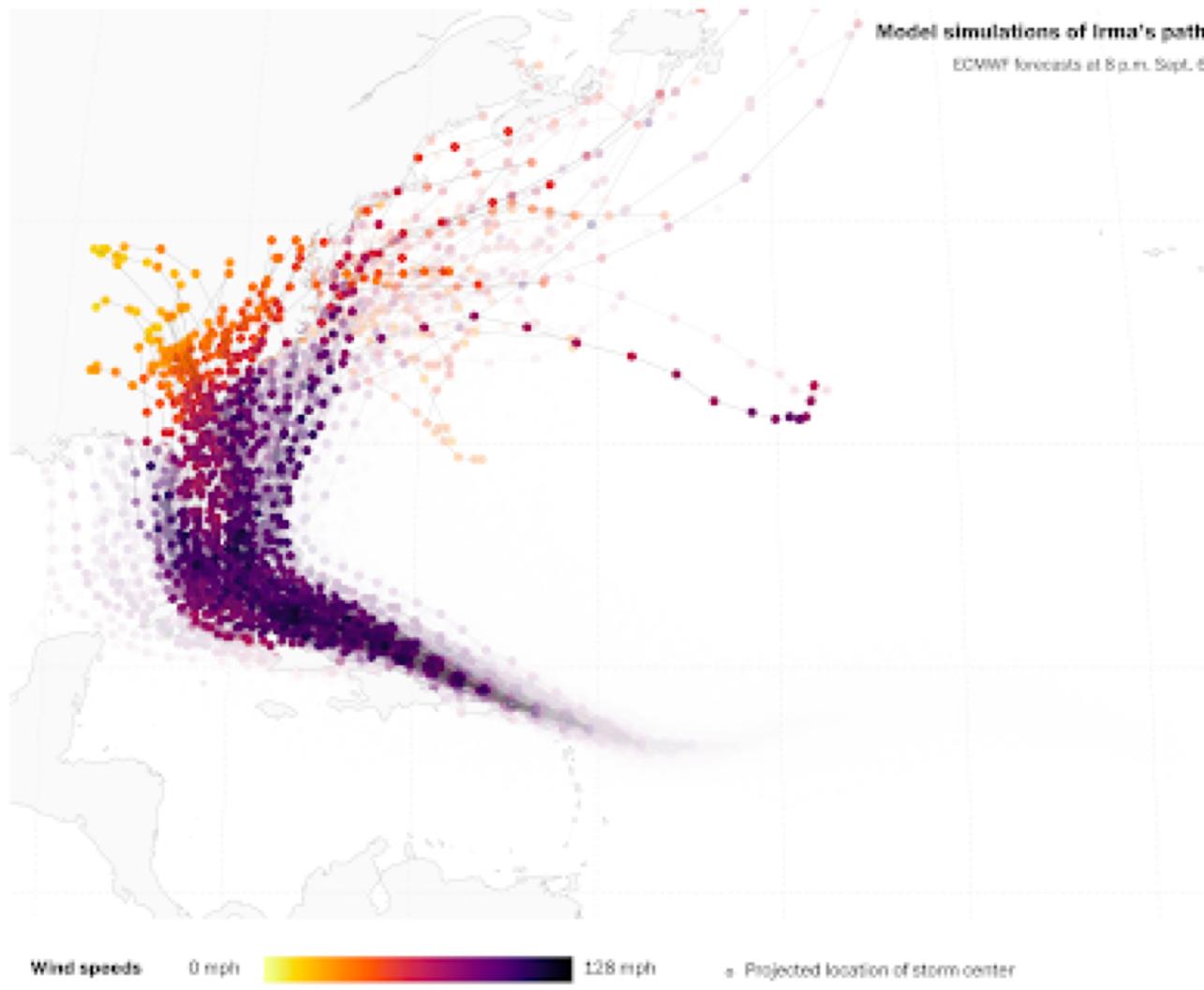


1

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



Collectively Mapping Borders

Meghan Kelly

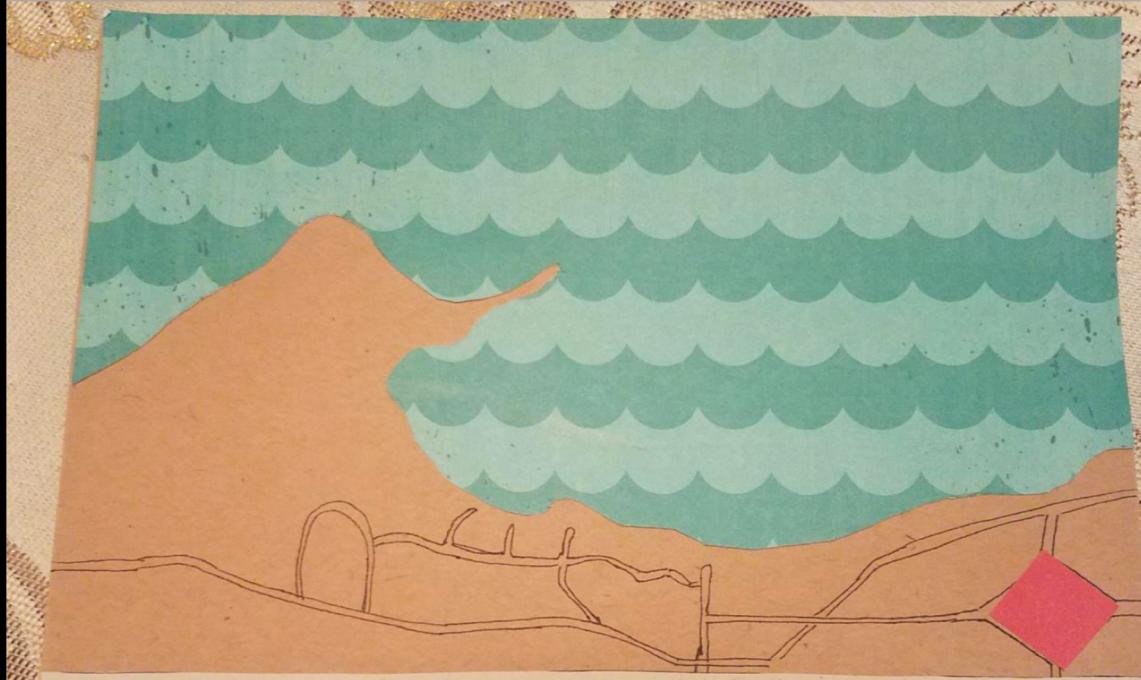




**I was physically -
hurt in one
incidence**

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



- Body + Embodiment -

Body: one biological object, binaries

Embodiment: lived experience of human
beings

Embodiment

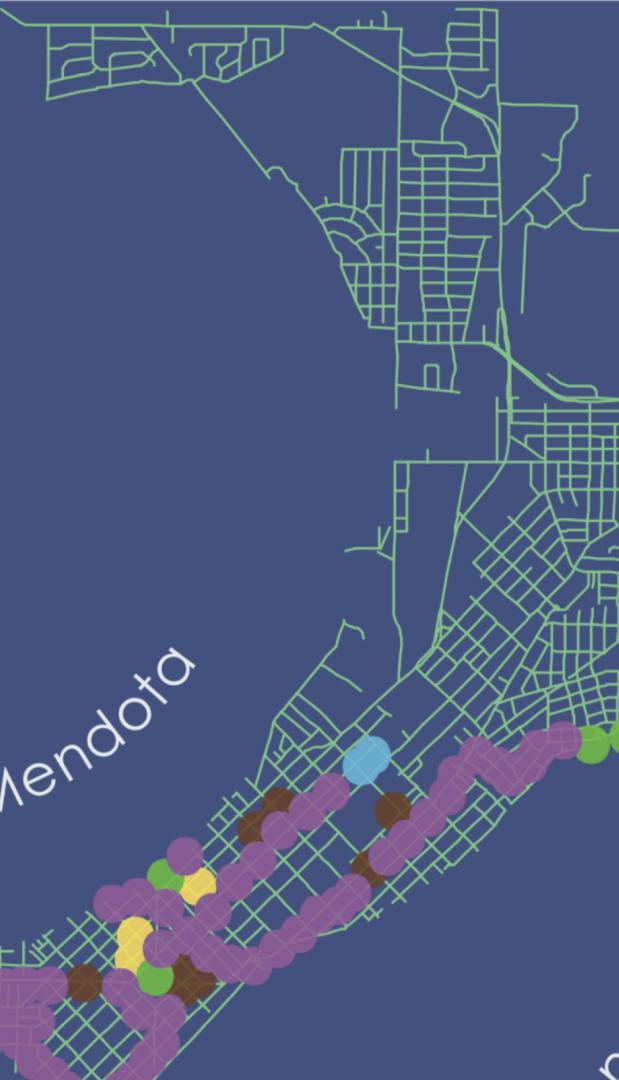
Emotion map of Madison

2 Miles



- In a rush/low awareness
- Socializing/low awareness
- Solitary/high awareness
- Comfort/normal awareness
- Learning/high awareness

Lake Mendota

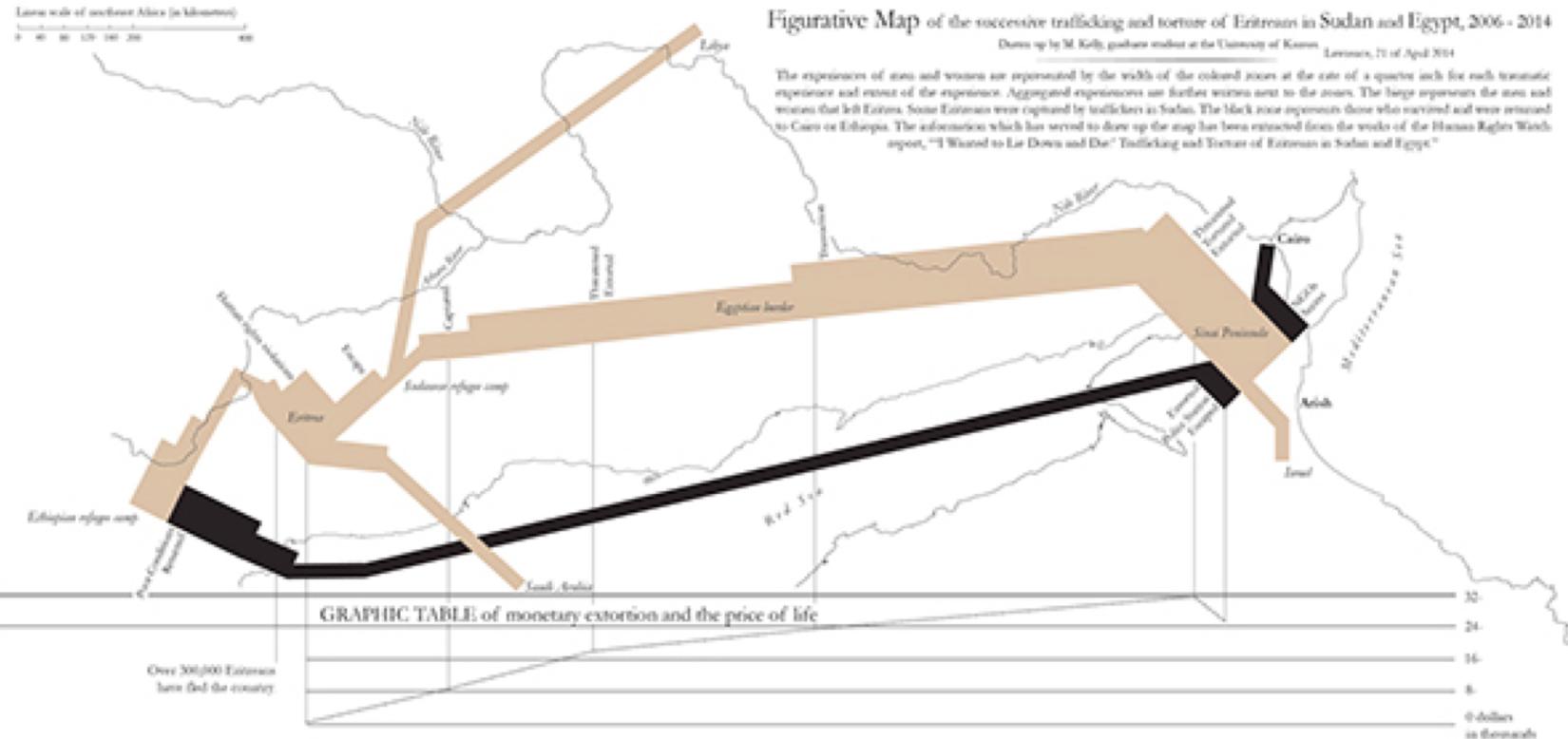




Lakes and rivers of northeast Africa (in kilometers)

0 40 80 120 160 200 240

400



Figurative Map of the successive trafficking and torture of Eritreans in Sudan and Egypt, 2006 - 2014

Drawn up by M. Kelly, graduate student at the University of Konstanz, Germany, 21 of April 2014



Trump's America



Clinton's America

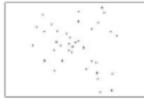


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AA_Polling_Locations

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,11/18/2017,37.66821,41.32718,38.99324,55.76469,60.22801,51.30137,137.1821,18 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
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259 Donald Trump,All polls,11/16/2017,38.12582,42.58415,33.66749,55.66437,60.81311,51.31562,22:26:15 16 Nov
260 Donald Trump,Voters,11/15/2017,39.02678,43.52971,34.52385,55.44995,59.54884,51.35187,21:47:25 15 Nov
261 Donald Trump,Adults,11/15/2017,37.50333,41.1248,33.8818,56.89998,60.62872,51.57123,21:47:26 15 Nov 2
262 Donald Trump,All polls,11/15/2017,38.08255,42.49938,33.66573,55.61642,60.82238,51.21845,21:47:15 15 Nov
263 Donald Trump,Adults,11/14/2017,37.54153,40.96108,34.12197,56.23203,61.82762,51.43644,15:07:21 14 Nov
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265 Donald Trump,All polls,11/14/2017,38.05358,42.36156,33.7456,55.78141,60.36355,51.19926,15:07:16 14 Nov
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268 Donald Trump,All polls,11/13/2017,38.07273,42.68808,33.46527,55.89657,60.79871,51.08443,13:07:16 13 Nov
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270 Donald Trump,Adults,11/12/2017,37.29921,40.83548,33.76295,56.34544,61.25752,51.43328,13:07:20 12 Nov
271 Donald Trump,All polls,11/12/2017,37.98497,42.4193,33.55803,55.9723,60.75954,51.18506,13:07:15 12 Nov
272 Donald Trump,Adults,11/11/2017,37.19261,40.67566,33.70955,56.49899,61.37941,51.61858,18:28:25 11 Nov
273 Donald Trump,Voters,11/11/2017,38.91225,43.31968,34.50483,55.91314,60.30188,51.52439,18:28:30 11 Nov
274 Donald Trump,All polls,11/11/2017,37.91284,42.33805,33.48764,56.08643,60.84921,51.31165,18:28:18 11 Nov
275 Donald Trump,Voters,11/10/2017,38.91225,43.31968,34.50483,55.91314,60.30188,51.52439,17:38:26 10 Nov
276 Donald Trump,Adults,11/10/2017,37.11195,40.57419,33.6497,56.54761,61.41397,51.68124,17:38:22 10 Nov
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

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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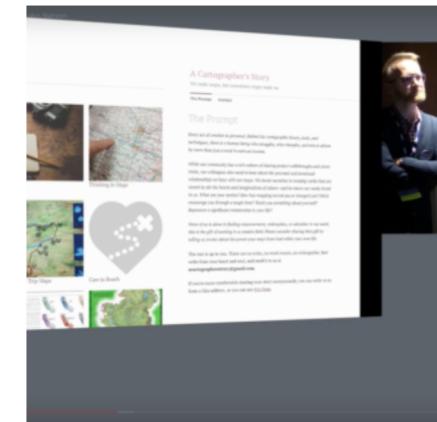
A Cartographer's Story

We make maps, but sometimes maps make us.

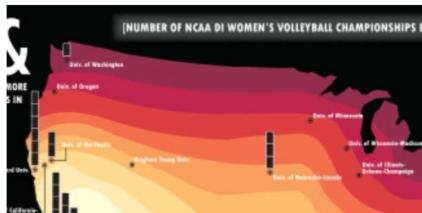
The Prompt Contact



An Introduction



Bringing the Show to NACIS



A Cartographer's Story

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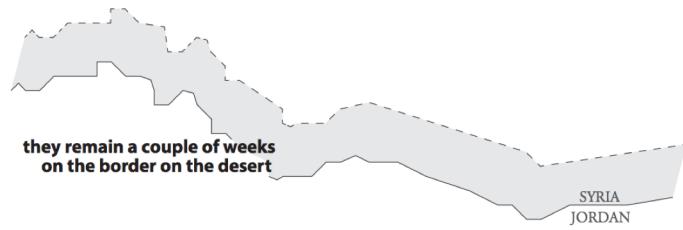
[The Prompt](#) [Contact](#)

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...

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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?

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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.

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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.

