Mapping & Measuring

NORTH CAROLINA'S INCLUSIVE DISASTER NETWORK

Location Matters Laboratory at North Carolina State University
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NCIDR Members

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AGENDA

- The Team
- Our Purpose
- Our Process
- Methodology
- Results
- Discussion
- Next Steps
- Questions & Research Sharing

Reflection:
- How do these findings relate to the successful attainment of NCIDR's mission?
- Does this support or contradict our conceptions of the network thus far?
- What gaps, if any, are exposed by these findings?
- What other analysis would be helpful?

LOCATION MATTERS
Laboratory
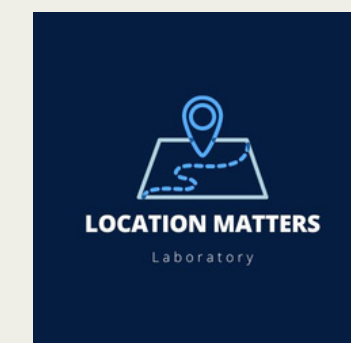
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MEET THE NC STATE TEAM

Head Researcher

Dr. Bethany Cutts

Associate Professor at North Carolina State University in the Parks, Recreation, and Tourism Department. Head researcher in the project to Map and Measure North Carolina's Inclusive Disaster Recovery Network.

Graduate Student Researcher

Uchenna Osia

A 3rd year PhD student at the Center for Geospatial Analytics, supervised by Dr. Bethany Cutts. Her research focuses on the relationship between data and environmental justice.


Data Scientist

Alyanna Wilson

Senior undergraduate at North Carolina State University studying Natural Resources Policy and Social Work. Assistant and data specialist on the project to map and measure North Carolina's Inclusive Disaster Recovery Network.

Data Scientist

Kayla Gilligan

NC State Alumni works with the North Carolina Inclusive Disaster Recovery Network and North Carolina State University to map and measure their community engagement and inclusion efforts.

LOCATION MATTERS
Laboratory
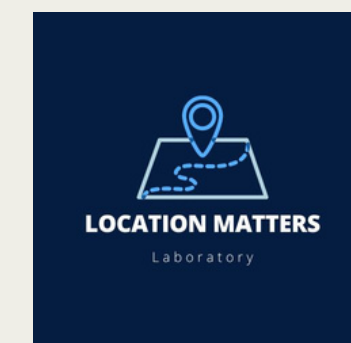
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NCIDR PURPOSE

NCIDR's mission is to "convene, facilitate, and communicate a united, inclusive vision for NC communities of well-managed disaster recovery built upon strong community reinvestment strategies, asset-based community development, and equitable opportunity."

- Find Gaps to be filled.
- Promoting strong coordination
- Advance research that utilizes meeting minutes
- Discover how the network has developed over time
- Show the development of carrying capacity

Data-driven / Effectiveness / Filling Gaps / Development

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OUR QUALITATIVE RESEARCH PROCESS

Formulation
Q1

- Read NCIDR minutes
- Freelist ideas for codes
- Consult literature
- Create a base codebook
- Begin coding

Initial Coding
Q2

- AW codes earliest half and KG codes most recent half.
- Introduced "other" code

Reassessment
Q3

- Compared coding approach
- Examined consistency
- Recoded "Other"

Final Coding
Q4

- Completed coding process
- Finalized codebook

Analysis
Q5

- Descriptive analysis and visualization

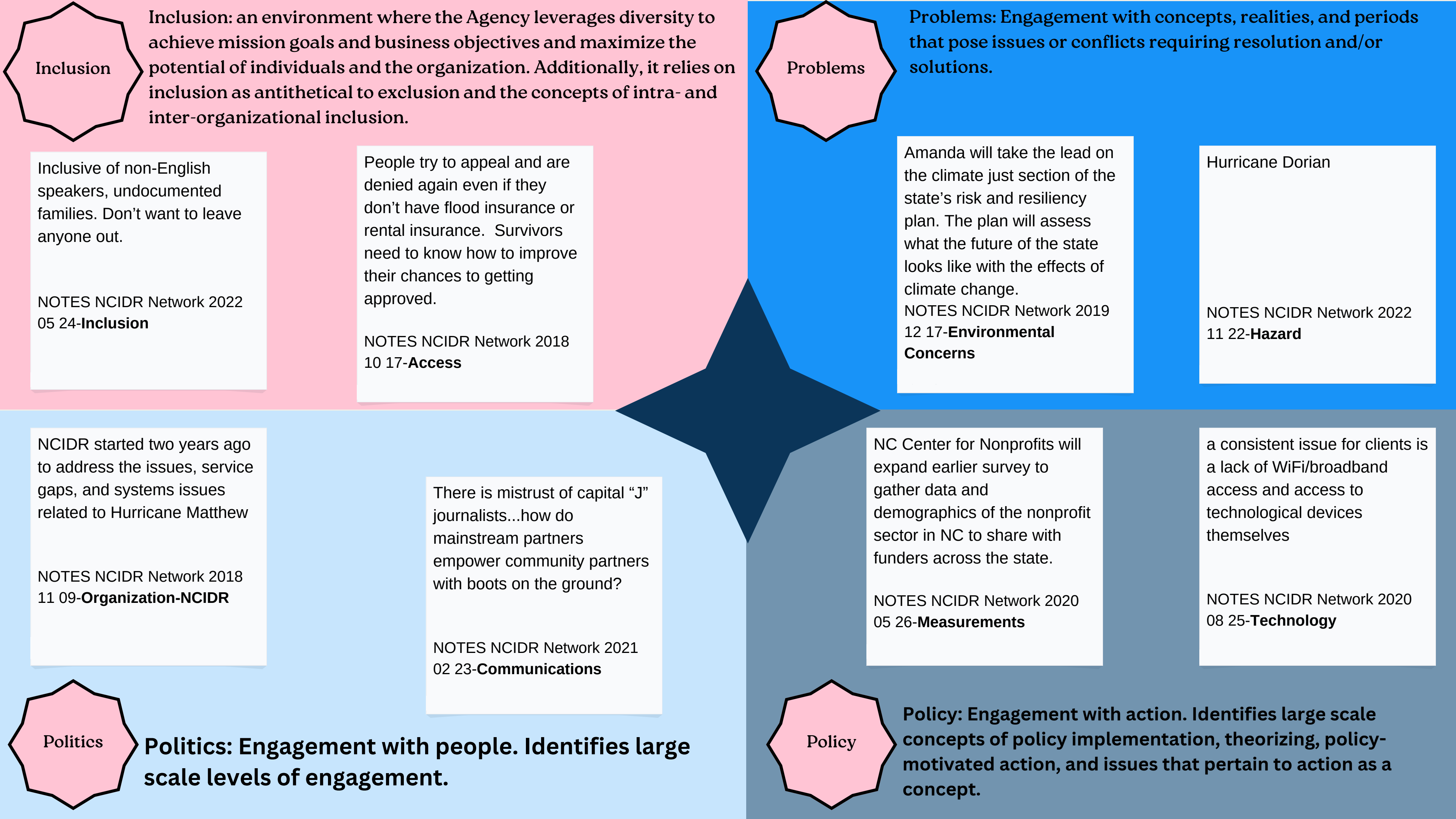**MEETING TOPICS**

Policy

Contribution

Problems

Inclusion

Place

Politics

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Inclusion

Inclusion: an environment where the Agency leverages diversity to achieve mission goals and business objectives and maximize the potential of individuals and the organization. Additionally, it relies on inclusion as antithetical to exclusion and the concepts of intra- and inter-organizational inclusion.

Inclusive of non-English speakers, undocumented families. Don't want to leave anyone out.

NOTES NCIDR Network 2022 05 24-**Inclusion**

People try to appeal and are denied again even if they don't have flood insurance or rental insurance. Survivors need to know how to improve their chances to getting approved.

NOTES NCIDR Network 2018 10 17-**Access**

Problems

Problems: Engagement with concepts, realities, and periods that pose issues or conflicts requiring resolution and/or solutions.

Amanda will take the lead on the climate just section of the state's risk and resiliency plan. The plan will assess what the future of the state looks like with the effects of climate change.
NOTES NCIDR Network 2019 12 17-**Environmental Concerns**

Hurricane Dorian

NOTES NCIDR Network 2022 11 22-**Hazard**

NCIDR started two years ago to address the issues, service gaps, and systems issues related to Hurricane Matthew

NOTES NCIDR Network 2018 11 09-**Organization-NCIDR**

There is mistrust of capital "J" journalists...how do mainstream partners empower community partners with boots on the ground?

NOTES NCIDR Network 2021 02 23-**Communications**

NC Center for Nonprofits will expand earlier survey to gather data and demographics of the nonprofit sector in NC to share with funders across the state.

NOTES NCIDR Network 2020 05 26-**Measurements**

a consistent issue for clients is a lack of WiFi/broadband access and access to technological devices themselves

NOTES NCIDR Network 2020 08 25-**Technology**

Politics

Politics: Engagement with people. Identifies large scale levels of engagement.

Policy

Policy: Engagement with action. Identifies large scale concepts of policy implementation, theorizing, policy-motivated action, and issues that pertain to action as a concept.

Mid-Way Check-in:

Any questions about our process?

PLACE

There were some data collection issues with clarity of notes, such as the use of broad statements that donated to quality data collection.

Most frequently discussed places:
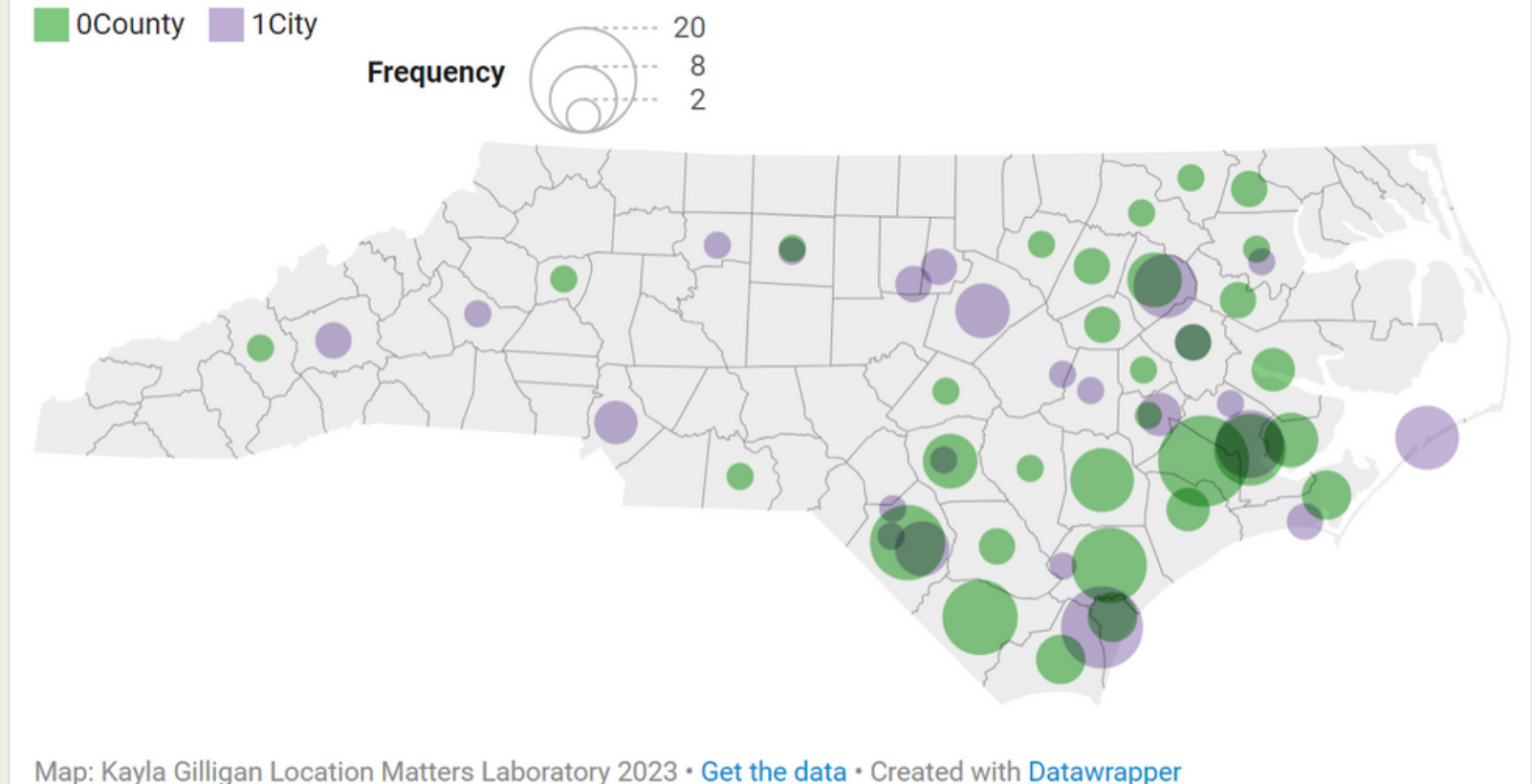
Range: North Carolina State Wide (23)

Region: Eastern NC (17)

County: Jones County (15)

City: Wilmington (12)

[NC Place Frequency Map]

Map: Kayla Gilligan Location Matters Laboratory 2023 • Get the data • Created with Datawrapper

Eastern Carolina Concentration/ County Reference

Place

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[NC Place Frequency Map]

County   City

Column 1

20
8
2

Asheville

Charlotte

Raleigh

Robeson
County

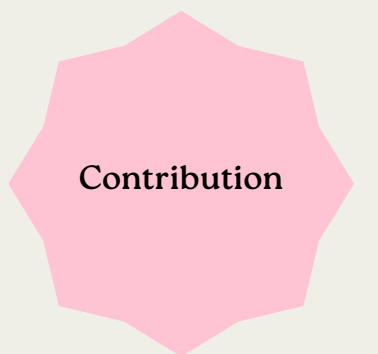Pender
County

Wilmington
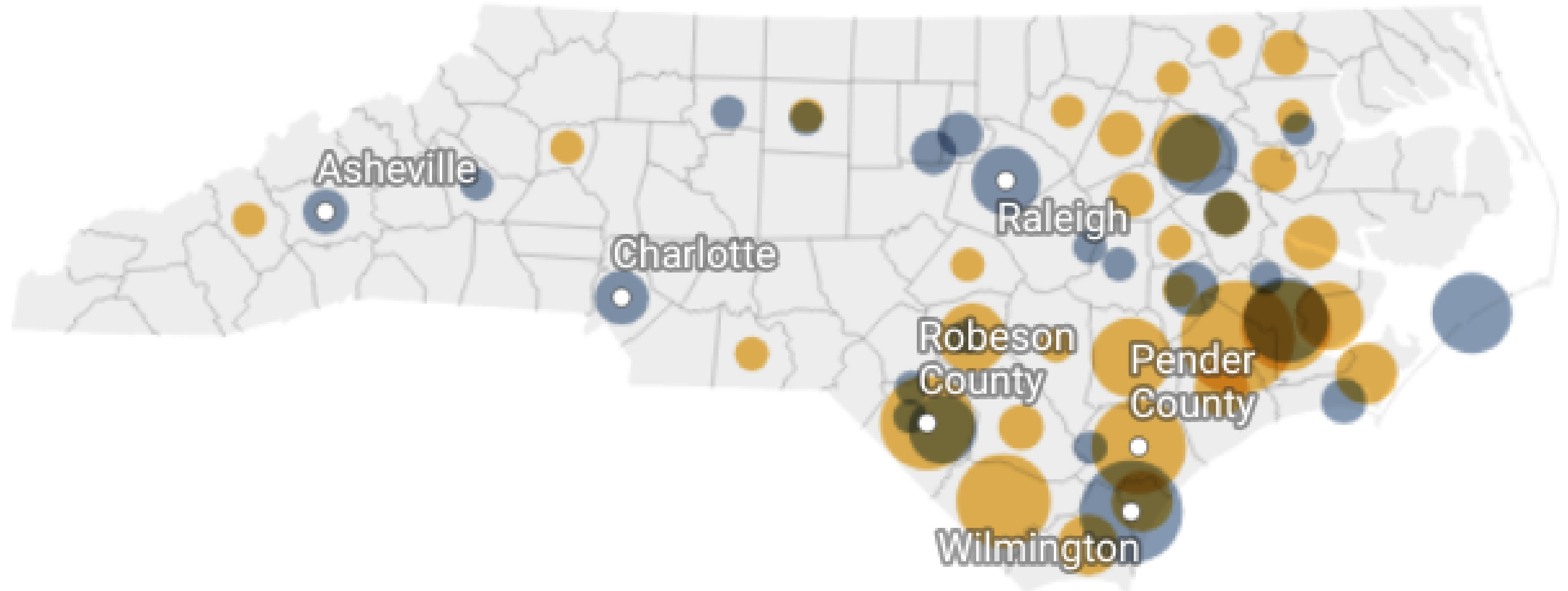
CONTRIBUTION

Our contribution node was split into three sub-nodes based on language developed by the NCIDR network. Each meeting begins with an ASK or OFFER format.

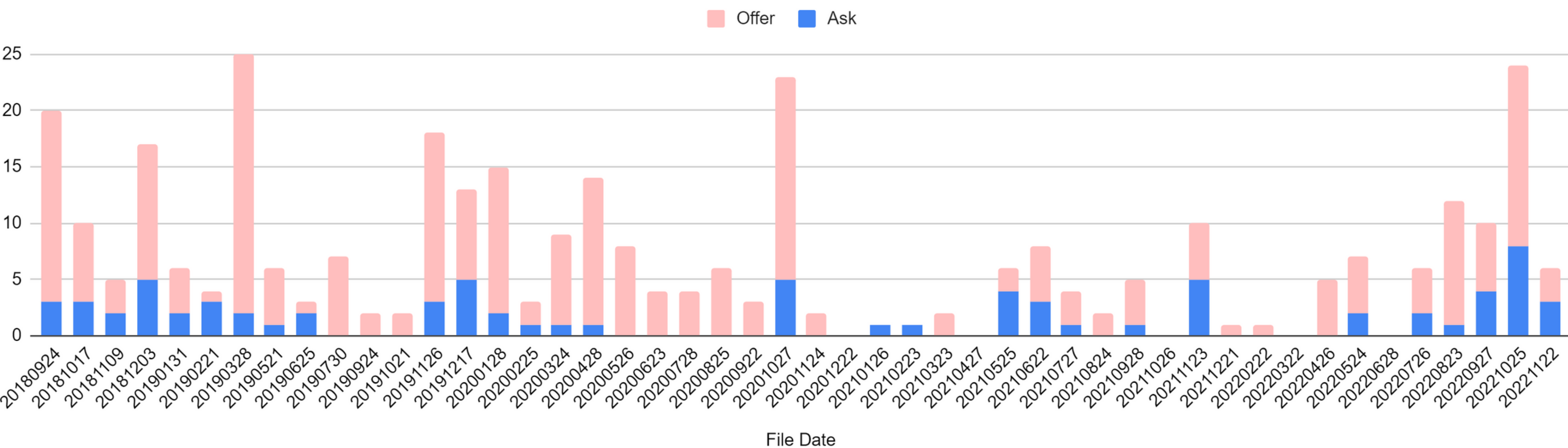**Contribution**

Ask (77)

Offer (270)

Both (10)

Contribution

The Nature of Asking/ Offer Heavy/ Knowledge as an Offer
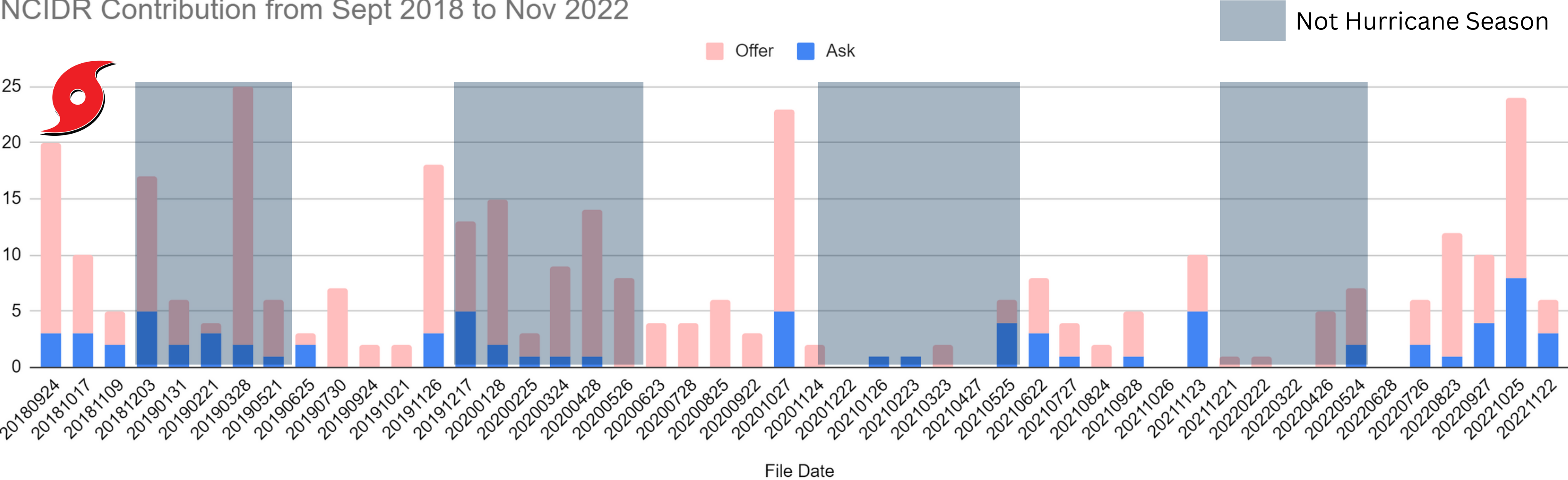
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Contribution by date

NCIDR Contribution from Sept 2018 to Nov 2022

Atlantic Hurricane Season

NCIDR Contribution from Sept 2018 to Nov 2022

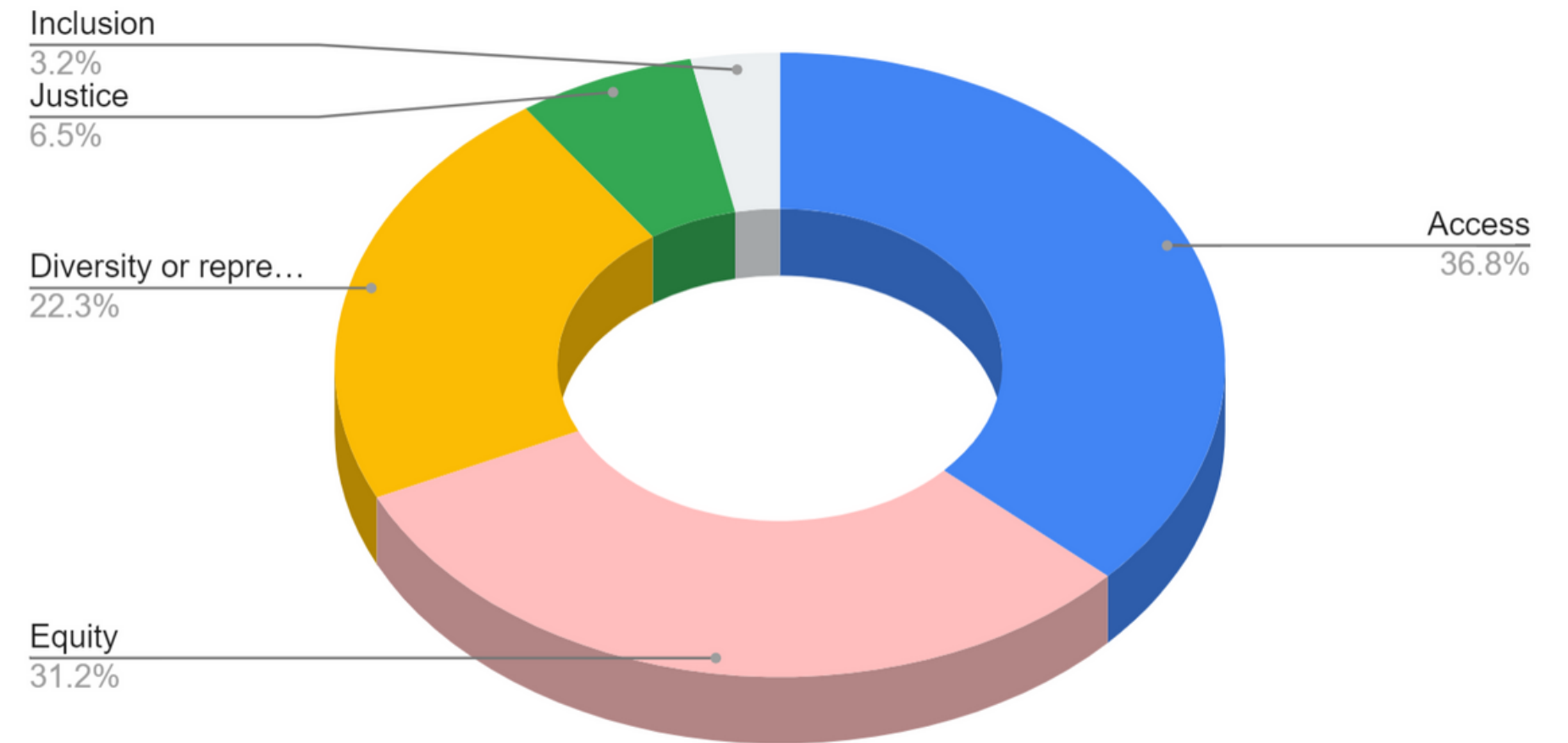Not Hurricane Season

Offer   Ask

File Date

Contribution

INCLUSION

We defined the inclusion in part as reliant on inclusion as antithetical to exclusion:

- Access (137)
- Equity (116)
- Diversity or Representation (83)
- Justice (24)
- Inclusion (12) (not completely accurate)
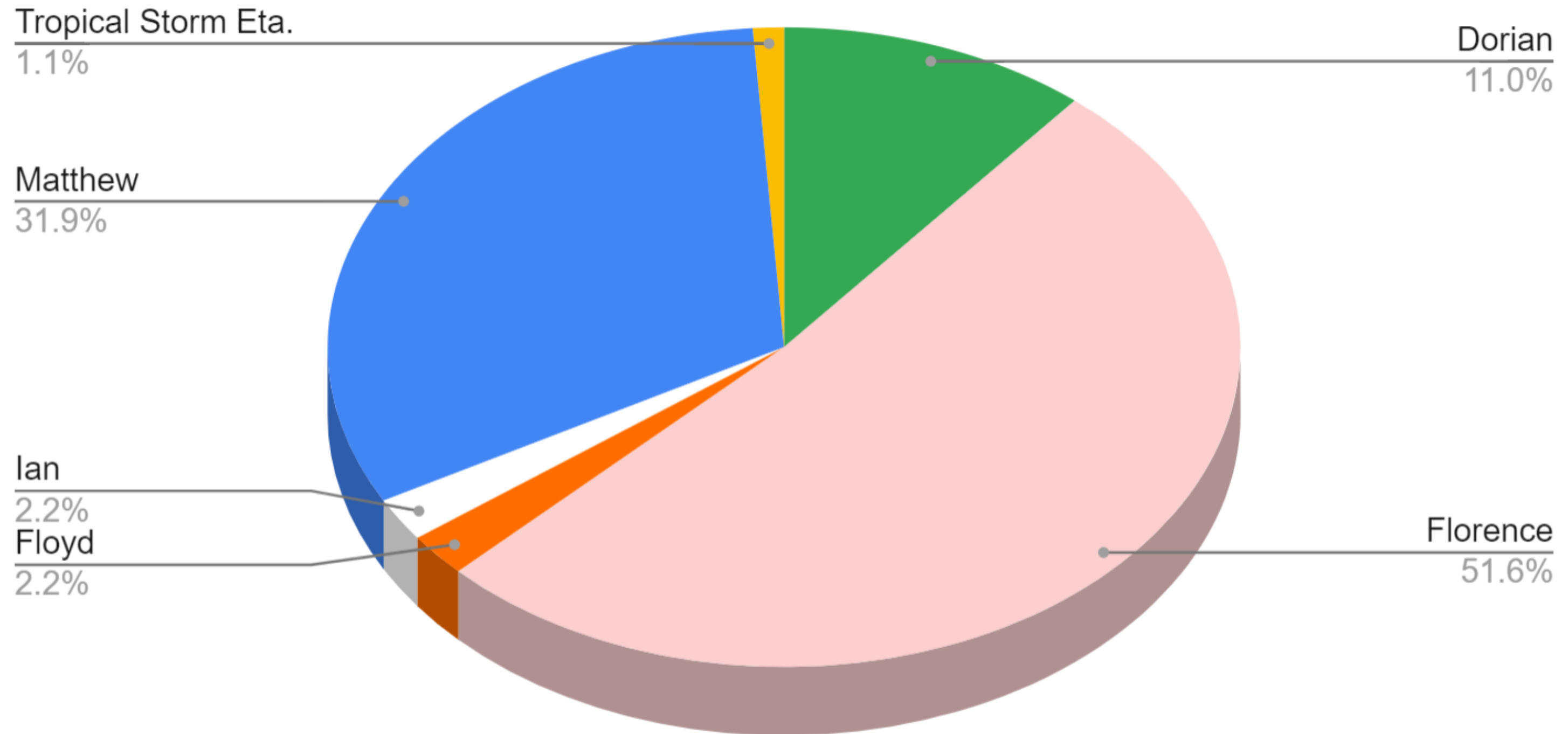

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PROBLEMS

This domain has the most nodes and quantifies major issues integral to NCIDRs work. Trends in discussion points suggest a value-shift in NCIDRs mission.

- Hazard (183)
- COVID (151)
- Housing (110)
- Environmental Concerns (93)
- Health (74)
- Legal (57)
- Injustice (53)
- Food (35)
- Utilities (27)
- Unemployment (12)

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Hazard Mention Frequency

Tropical Storm Eta.
1.1%

Matthew
31.9%

Ian
2.2%

Floyd
2.2%

Dorian
11.0%

Florence
51.6%
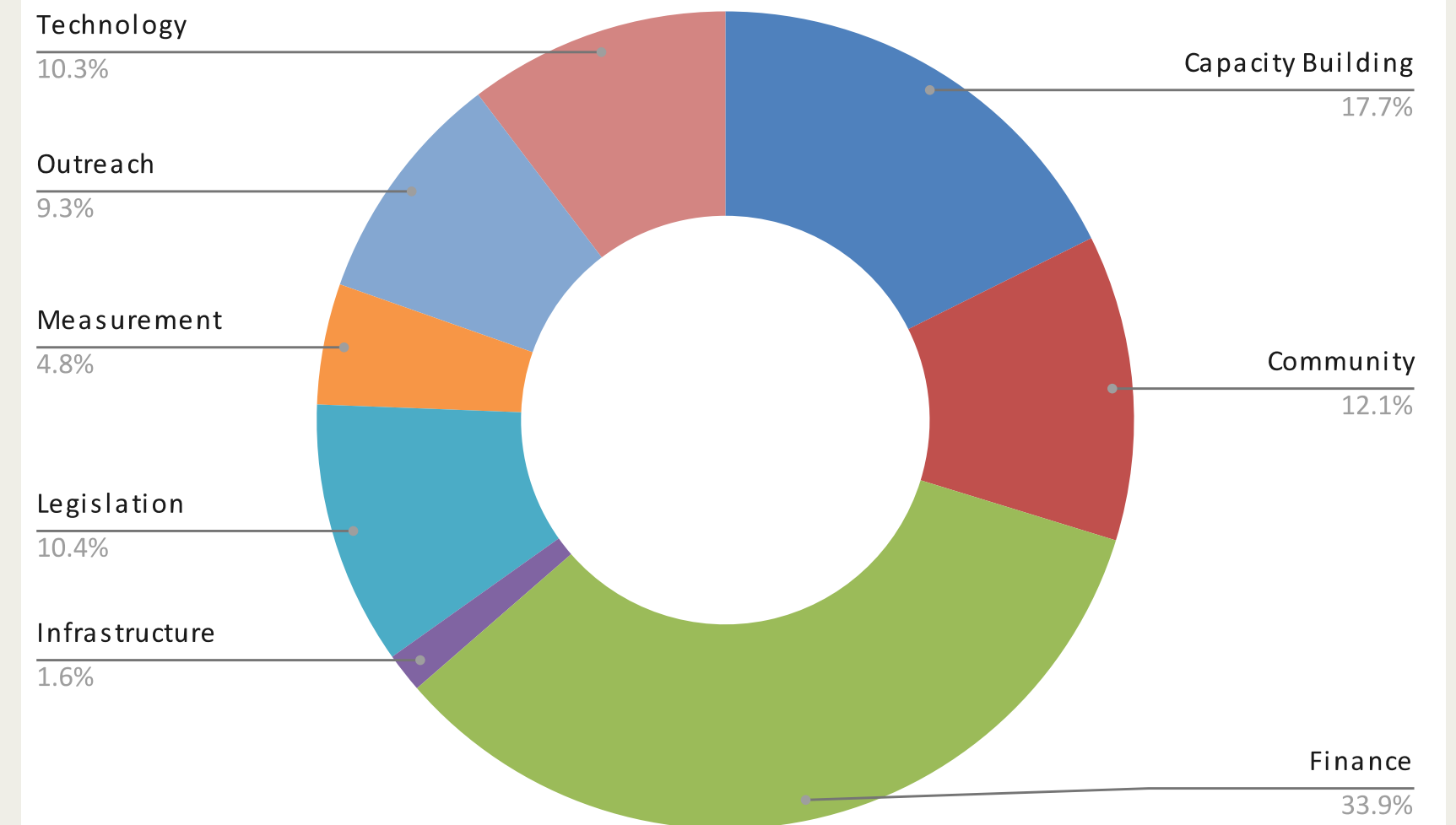
POLICY

This domain includes some of the highest frequency nodes in the codebook. Totals and analyses suggest NCIDR is dedicated to tangible policy deliverables.

- Finance (347)
- Capacity Building (181)
- Community Engagement (124)
- Legislation (107)
- Technology (106)
- Outreach (95)
- Measurement (49)
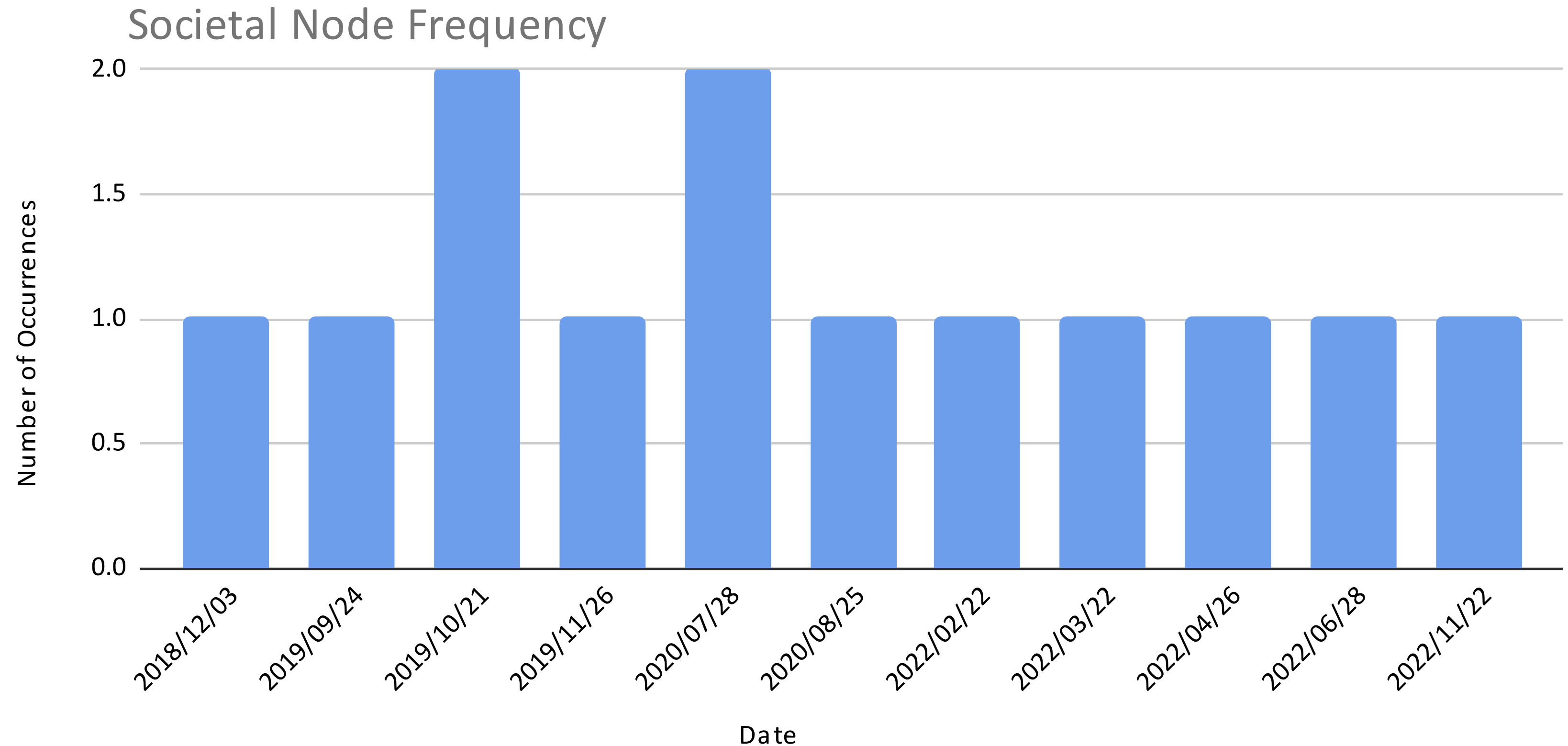- Infrastructure (16)

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POLITICS

This domain categorizes levels of action. Subtle shifts in code frequency suggest a recent focus on longevity and progressive metrics.

- Organization (631)
- Community (162)
- Governmental (161)
- NCIDR (131)
- Communications (101)
- Household (17)
- Individual (13)
- Societal (13)

Societal Mention Frequency

NEXT STEPS: MORE WAYS TO ANALYZE MINUTES?

Reflection:
- How do findings relate to the successful attainment of NCIDR's mission?
- Does this support or contradict our conceptions of the network thus far?
- What gaps, if any, are exposed by these findings?
- What other analysis would be helpful?

NEXT STEPS: NETWORKS?

Search

NCIDR - Sample Map 2023-09-01

Legend

Person   Meeting   Organization

Organization

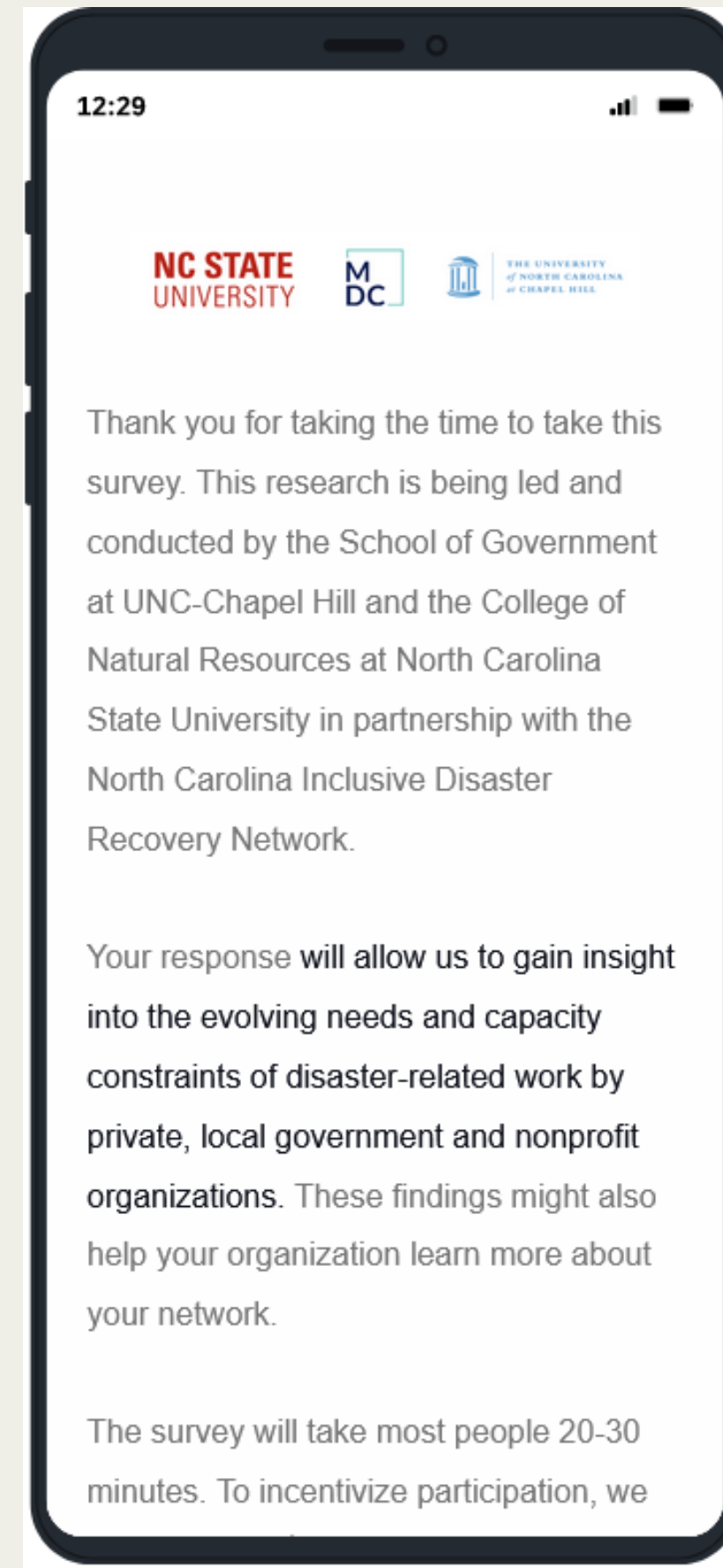Meeting   Meeting   Organization

NEXT STEPS: REVISED & RELAUNCH SURVEY?

Our next phase involves focusing on information provided by NCIDR's members in the NCIDR Membership Survey.

- It has been paused, but we are optimistic about relaunching a revised version that provides even higher-quality data to everyone involved

Membership Survey/ Importance of Measurment

Thank you for taking the time to take this survey. This research is being led and conducted by the School of Government at UNC-Chapel Hill and the College of Natural Resources at North Carolina State University in partnership with the North Carolina Inclusive Disaster Recovery Network.

Your response will allow us to gain insight into the evolving needs and capacity constraints of disaster-related work by private, local government and nonprofit organizations. These findings might also help your organization learn more about your network.

The survey will take most people 20-30 minutes. To incentivize participation, we

Dr. Teshanee Williams

https://ncsu.yul1.qualtrics.com/Q/MyProjectsSection

DISCUSSION

Questions for encouraging discussion

- Discuss how these findings relate to the successful attainment of NCIDR's mission.
- Does this support or contradict our conceptions of the network thus far?
- Determine what gaps, if any, are exposed by these findings and why

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ACTION ITEMS

Our teams next steps include:
- Additional NCIDR Meeting Minute Analysis
- Begin Report For NCIDR
  - *What matters most?*
- Submit work to conferences
  - *Social Coast (Feb 2024)*

Implications for NCIDR Leadership:
- Discuss how findings relate to successful attainment of NCIDR's mission
- Develop accountability metrics

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Thank you!

FOR THE OPPORTUNITY

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