

FGDC Federal Geospatial Highlights

**NGAC Meeting
December 6, 2018**



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Executive Director

Federal Geographic Data Committee

Topics:

- ❖ GeoPathways
- ❖ OGC Disasters Management Project
- ❖ NGDA Management
- ❖ COGO Report Card Update
- ❖ 2018 NGAC Nominations Update

GeoPathways 2018 – Pilot Year

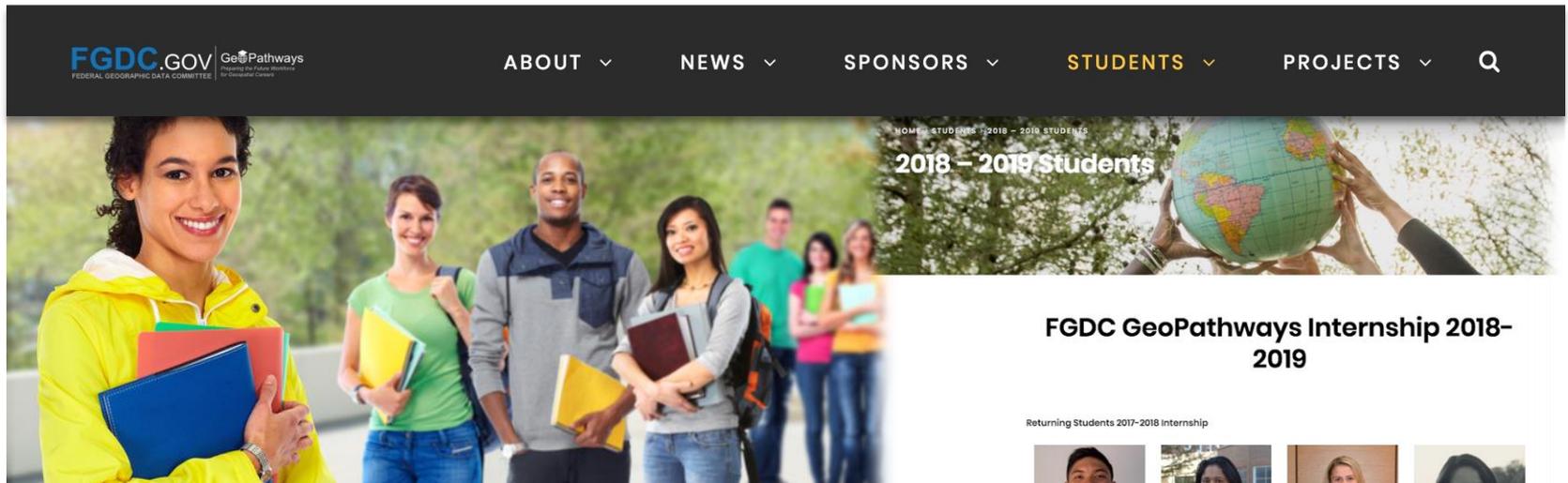


Outcomes

- A diverse group of 20 interns
- 18 Universities participated in the program
- 12 Project Sponsors from various agencies

Students supported 15 projects that included communication efforts, workshops, development of prototypical tools to analyze threats to infrastructure, ecosystems, disaster planning, land use, water availability and on a variety of other National and International initiatives.

GeoPathways 2019 Activities



- Continue the program
- New students and returning students as team leads
- Returning/New Sponsors & Projects
- Strengthen partnerships with similar activities (e.g. USGIF)
- Launch website

FGDC GeoPathways Internship 2018-2019

Returning Students 2017-2018 Internship



Norman Dela Fuente
University of California, Los Angeles, CA

GIS Analyst at UCLA Center for Neighborhood Knowledge(CNK)



Sarishka Desai
Thayer School of Engineering at Dartmouth

Junior at Dartmouth studying the intersection of data analytics and healthcare technology & policy.



Jamie Fortin
Baylor University

I am passionate about serving my global community and would love to do so in an environment that challenges me to learn and grow.



McKenzie Hanlon
George Washington University, Washington, DC

Business Development and Marketing Coordinator at Green Powered Technology



New Students 2018 - 2019 Internship



Haley Stuker
University of Florida



Student at the University of Florida



Collette Gibbons
California State University, San Marcos, CA



A highly dependable, strong-will, and goal-oriented technician with 5 years of military experience.



Jeff Lewis
University of Denver, Denver, CO



Analytically-driven skilled in supporting the development of project initiatives and objectives focused on environmental management, sustainability, and nature conservation and



Isaac Graham
University of Florida



GeoPathways
Preparing the Future Workforce for Geospatial Careers

FGDC Disaster Initiative - Update

2018

Concept Development Study

Assessed the current state of geospatial readiness in disaster planning, response, and recovery.

- Lack of an integrated policy and operational framework
- Inability to quickly discover and understand which information sources are most useful—*context of a user's need especially first responders.*
- Inability to properly fuse and synthesize multiple data sources
- The need for a persistent platform to organize and manage disaster related geospatial information and tools



Advancing Disaster Spatial Data Infrastructures

Geospatial information has been proven effective in supporting both the understanding of and response to disasters. However, the ability to effectively share, use, and re-use geospatial information and applications across and between governments and Non-Government Organizations (NGOs) in support of disaster response and resilience is dependent upon having the required partnerships, policies, standards, architecture, and technologies already in-place when disaster strikes.

Are we taking full advantage of geospatial services for resilient communities?



Making Data Actionable for Disasters

The Open Geospatial Consortium is working with stakeholder communities to assess the current state of geospatial readiness and conduct pilots to advance the use of geospatial data and technologies in disaster planning, response, and recovery.

2019 Pilots: Making Data Actionable for Disasters

2019-2023 | Disaster Pilots

Connect communities, education, address gaps and needs, and conduct demonstration pilots

Demonstrate how data standards help stakeholders and decision makers gain new and beneficial perspectives into social, economic, and environmental issues related to disasters by providing access to the online vast geospatial ecosystem of resources that improve the sharing, use, and integration of information tied to locations across the globe.



Strengthen Partnerships	Increase and strengthen current partnerships and expand partnerships with additional stakeholders
Outreach & Education	Create awareness of the data and services stakeholders provides to support disaster preparedness/resilience
Address Needs and Gaps	Better understand community needs and close gaps in data, tools, services, skills and other barriers to using stakeholder and other institutional related services for disasters
Usability Pilots	Engage a broad community of users through interviews, workshops and pilots to use stakeholder data and services and provide stakeholder feedback on additional needs



- Seeking Sponsors and Participants
- RFP January
- Pilots Feb - Aug

NGDA Management Activities

- ❖ NGDA 2017 Lifecycle Maturity Assessment
 - Dataset & Theme Summary Reports have been approved and made available on the GeoPlatform
- ❖ NGDA Theme Strategic & Implementation Plans and Objectives are being updated
 - Actions will be established in the follow-on NSDI Strategic & Implementation planning
- ❖ NGDA Theme Reports – ongoing series of presentations/discussions at monthly FGDC Coordination Group meetings will continue

COGO Report Card Update

- ❖ Second Coalition of Geospatial Organizations (COGO) NSDI Report Card assessment nearing completion. Review includes NSDI Framework Themes (plus Address).
 - FGDC staff has held a series of meetings with COGO leadership & evaluation teams.
 - FGDC Theme Leads provided comments on draft evaluations.
 - All 8 assessments have been completed and are in final review
 - Completion expected in January/February 2019

NGAC Nominations

- ❖ FGDC issued call for nominations for the next round of NGAC appointments on July 13, 2018. Nominations closed on August 27.
- ❖ Approximately one-half of the current NGAC appointments expire in December 2018.
- ❖ Strong response resulting in a rich pool of nominees. Pool of candidates will be used to fill 2018 and 2019 vacancies.
- ❖ An interagency panel has reviewed the nominations and made recommendations to DOI, which will make the final selections.
- ❖ Final selections are anticipated by the end of December.

Questions?

