

FGDC Update



**National Geospatial Advisory Committee Meeting
September 4, 2019**

Overview

- **GeoPathways Initiative**
- **Nebert Award**
- **FGDC/OGC Disasters Pilot Project**
- **Status of NGAC Appointments**

GeoPathways Initiative – 2018 - 2019



2018-2019 Interns

- 19 Students selected
- From 16 Universities

Projects

- Federated Geospatial Ecosystems
- Use case demonstrations for disasters
- Developing communities of practice
- GeoPlatform - testing and development
- GEO4SDGs - United Nations Sustainable Development Goals

Returning Students 2017-2018 Internship

 <p>Norman Dela Fuente University of California, Los Angeles, CA</p> <p>f t in</p> <p>GIS Analyst at UCLA Center for Neighborhood Knowledge(CNK)</p>	 <p>Sarithka Desai Thayer School of Engineering at Dartmouth</p> <p>f t in</p> <p>Junior at Dartmouth studying the intersection of data analytics and healthcare technology & policy.</p>	 <p>Jamie Fortin Baylor University</p> <p>f t in</p> <p>I am passionate about serving my global community and would love to do so in an environment that challenges me to learn and grow.</p>	 <p>Mckenzie Hanlon George Washington University, Washington, DC</p> <p>f t in</p> <p>Business Development and Marketing Coordinator at Green Power-evred Technology.</p>
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New Students 2018 – 2019 Internship

 <p>Haley Stoker University of Florida</p> <p>f t in s</p> <p>Student at the University of Florida</p>	 <p>Collette Gibbons California State University, San Marcos, CA</p> <p>f t in s</p> <p>A highly dependable, strong will, and goal-oriented technician with 5 years of military experience.</p>	 <p>Jeff Lewis University of Denver, Denver, CO</p> <p>f t in s</p> <p>Supporting project initiatives and objectives focused on environmental management, sustainability, and nature conservation and preservation.</p>	 <p>Isaac Graham University of Florida</p> <p>f t in s</p>
 <p>James Bednar Westworth Institute of Technology</p> <p>f t in s</p> <p>Engineering student at Westworth Institute of Technology</p>	 <p>Laura Miller University of Wisconsin-Madison</p> <p>f t in s</p> <p>Undergraduate Research Scholars Program Fellow at University of Wisconsin-Madison</p>	 <p>Mia Poyner University of Southern California</p> <p>f t in s</p> <p>Student</p>	 <p>John Wendt Montana State University</p> <p>f t in s</p> <p>Student</p>

****Currently Reviewing Applicants for the 3rd Year**



GeoPathways Initiative – 2018 - 2019

Sample Projects

- Federated Geospatial Ecosystems
- Use case demonstrations for disasters
- Developing communities of practice



Communities of Practice

2018 Nebert Award



The recipient of the 2018 Doug D. Nebert NSDI Champion of the Year Award is the Homeland Infrastructure Foundation-Level Data (HIFLD) hurricane response team.

**** Now Accepting Nominations for the 2019 Period through September 15, 2019**

HIFLD 2017 Hurricane Response Team

- Rexford Tugwell
- Mike Piscotti
- John Carlin
- Lina Dailide-Custodio
- John Murtagh
- William Nellist
- Justin Reed
- Todd Coon
- Thomas Springsteen
- Katherina Zezima



National Geospatial Intelligence Agency

- Lewis Summers
- Michael Bergman,
- Chris Brehany,
- Travis Hardy,
- Julie Eckert,
- Zachary Gordon,
- Matt Pagan,
- Jonathan Rayer,
- Nate Smith
- Robert Shumowsky



Department of Homeland Security, GIO

- Chris Vaughan,
- Dante Terango
- Brad Bottoms
- Julie Carter



FEMA

- Tod Dabolt
- Kayloni Ah Tong



Department of the Interior

- Peter O'Rourke
- Rebecca Harned
- Tari Martin
- Angela Pervél
- Paul Doherty



National Alliance for Public Safety GIS

- Bill McGilvery
- Stuart Rucker
- Charmel Menzel



Environmental Systems Research Institute

****Now Accepting Nominations for the 2019 Period through September 15, 2019**

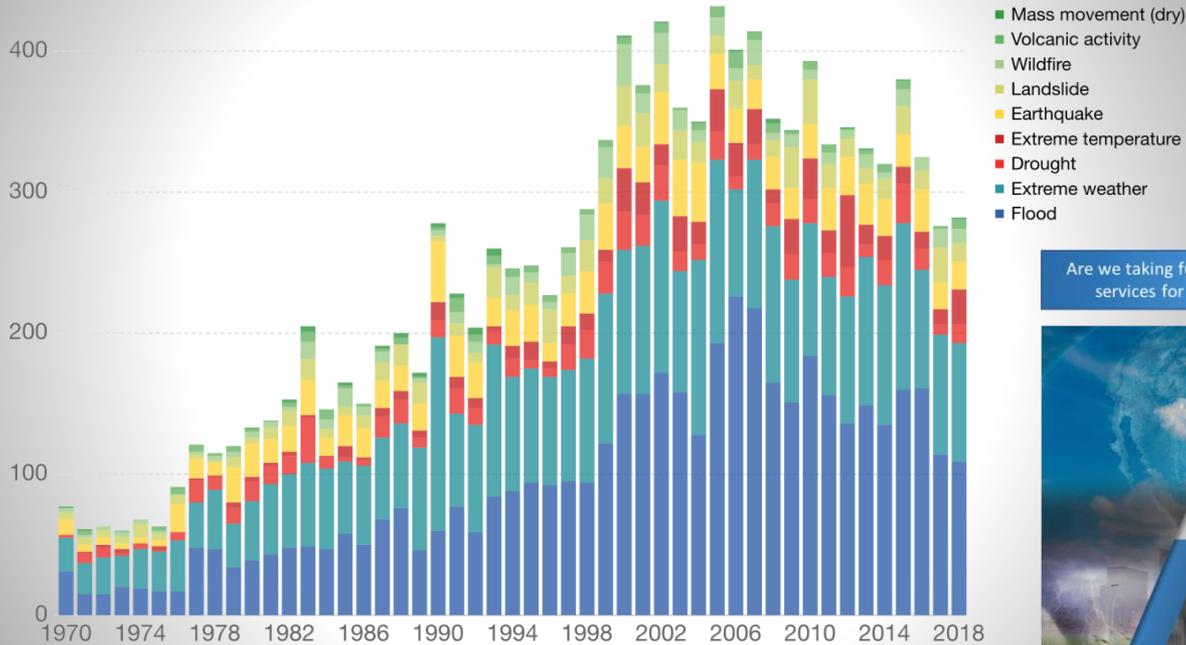


Advancing Spatial Data Infrastructures for Disasters

Global reported natural disasters by type

The annual reported number of natural disasters, categorised by type. This includes both weather and non-weather related disasters.

Our World
in Data



Source: EMDAT (2017): OFDA/CRED International Disaster Database, Université catholique de Louvain – Brussels – Belgium
OurWorldInData.org/natural-disasters • CC BY

**Number of disaster events
have increased substantially
over the past 50 years**

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



OGC
Making location count.

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

GEO GROUP ON
EARTH OBSERVATIONS

AmeriGEO

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE



Advancing Spatial Data Infrastructures for Disasters

- Demonstrate how data standards help stakeholders and decision makers gain new and beneficial perspectives into social, economic, and environmental issues related to disasters

Goals and Objectives

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 & Gaps	Better understand community needs and close gaps in data, tools, services, skills and other barriers to using stakeholders 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



Advancing Spatial Data Infrastructures for Disasters

• 2019 Phase One Disaster Pilots



Pilot Demonstrations September 18,
2019 at USGS in Reston, VA

GeoPlatform.gov Release 16 – New User Experience

1 New Responsive Layout: Featured content, trending, News, Disasters

2 Streamlined Menu Navigation

3 NGDA Theme Pages & Icons

4 NGDA Theme Pages: Asset Collections (Data, Service, Maps)

Resource Type Indicators: Datasets, Services, Layers, Maps, Galleries, Communities

NGDA THEMES: NGDA Portfolio Community, Address Theme, Biodiversity and Ecosystems, Cadastre, Climate and Weather, Cultural Resources, Elevation, Geodetic Control, Geology, Governmental Units and Administrative and Statistical, Imagery, Land Use - Land Cover, Real Property, Soils, Transportation, Utilities, Water - Inland, Water - Oceans & Coasts

National Geospatial Data Asset Management Plan
 Portfolio Management Implementation Plan for the OMB Circular A-16 Supplemental Guidance as it relates to OMB Circular A-16, Coordination of Geographic Information and Related Spatial Data Activities

And so much more.... plugins, search, resource pages & monitoring

RECENT LAYERS: Level IV Ecoregion Polygons, Level III Ecoregion Labels, Level IV Ecoregion Labels (Scale LT 4,000,000)

RECENT MAPS: NGS - GPS on Bench Marks Web Map 2017

Usage Graph: Unique Users, Total Usage

2019 NGAC Appointments

- ❖ Call for Nominations issued July 2019. Nominations used to fill NGAC vacancies in 2019 and 2020.
- ❖ Good response – many quality applications received.
- ❖ Interagency review panel will evaluate nominations and develop recommendations.
- ❖ Final decisions on appointments to be made by Secretary of the Interior's office.
- ❖ 12 current appointments expire Dec. 31, 2019. New appointments will take effect Jan. 2020.

NGAC Appointments Status

Current Members
(Terms expire December 2019)

Current Members
(Terms expire December 2021)

** Completing second consecutive term on the NGAC in December 2019. Per NGAC Charter, cannot be appointed to third consecutive term.*

August 2019

Non-Governmental	Governmental
<u>Private Sector</u> Pat Cummins* Roberta Lenczowski Kevin Pomfret* Rebecca Somers Sarah Battersby Sanjay Kumar	<u>State</u> Gar Clarke Cy Smith Jennie Stapp Harvey Thorleifson* Mike Hussey Gary Thompson
	<u>County</u> Jason Warzinik* Christine Stinchcomb
<u>Academia</u> Julie Sweetkind-Singer* May Yuan	<u>Federal</u> Frank Avila Tony LaVoi
	<u>Regional</u> Xavier Irias
<u>Non-Profit</u> Keith Masback* Mark Reichardt	<u>City/Municipal</u> Amber Reynolds
	<u>Tribal</u> Garet Couch Byron Bluehorse

