



Committee on Earth Observation Satellites

WGDisasters Telecon-29 Virtual Meeting

UN-GGIM WG Disasters Update

Simone Lloyd, GISP

Jamaica Focal Point, UN-GGIM & Co-chair support, UN-GGIM WG Disasters

CARIGEO Steering Committee

Senior GIS Manager/Trainer, National Spatial Data Management Branch &

Land Information Council of Jamaica

Ministry of Housing, Urban Renewal, Environment & Climate Change

June 3, 2021





UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

WG-Disasters

United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)

Working Group on Geospatial Information and Services for Disasters (WG-Disasters)



CEOS



CARIGEO

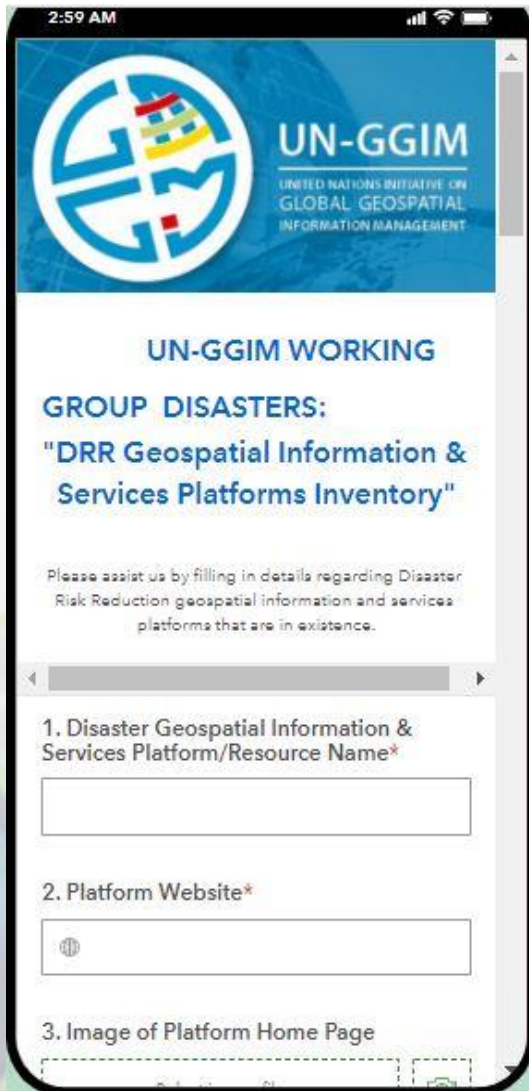
Caribbean Geospatial
Development Initiative

GEO-EMPOWERING THE CARIBBEAN

an Initiative implemented by the Americas Regional Committee of
United Nations Committee of Experts on Global Geospatial
Information Management (UN-GGIM: Americas)

- Collaboration with CEOS WG Disasters and GEO DRR WG Disasters in executing the following:
 - Maintenance of an **inventory of DRR bodies** facilitated for collaboration and coordination of efforts.
 - Maintenance of an **inventory of geospatial information and services platforms (including EO)** to support collaboration and coordination of efforts.
 - Two survey instruments were developed.

2:59 AM



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UN-GGIM WORKING
GROUP DISASTERS:
"DRR Geospatial Information &
Services Platforms Inventory"

Please assist us by filling in details regarding Disaster
Risk Reduction geospatial information and services
platforms that are in existence.

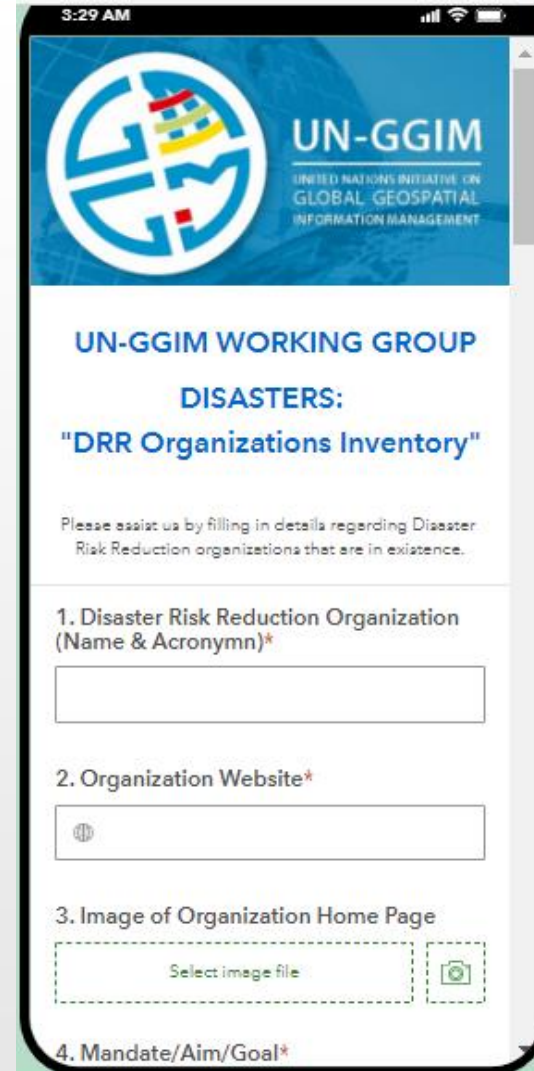
1. Disaster Geospatial Information &
Services Platform/Resource Name*

2. Platform Website*

3. Image of Platform Home Page

<https://arcg.is/CKPOT>

3:29 AM



UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT


UN-GGIM WORKING GROUP
DISASTERS:
"DRR Organizations Inventory"

Please assist us by filling in details regarding Disaster
Risk Reduction organizations that are in existence.

1. Disaster Risk Reduction Organization
(Name & Acronym)*

2. Organization Website*

3. Image of Organization Home Page

Select image file 

4. Mandate/Aim/Goal*

<https://arcg.is/1jfGji2>

- Two surveys developed for administration to facilitate the development and maintenance of inventory listings that will be hosted on UN-GGIM WG Disasters webpage.
- Global administration of both surveys (June -July 2021)

Five Priorities for Action



Governance and
Policies



Awareness Raising and
Capacity Building



Data
Management



Common Infrastructure and
Services



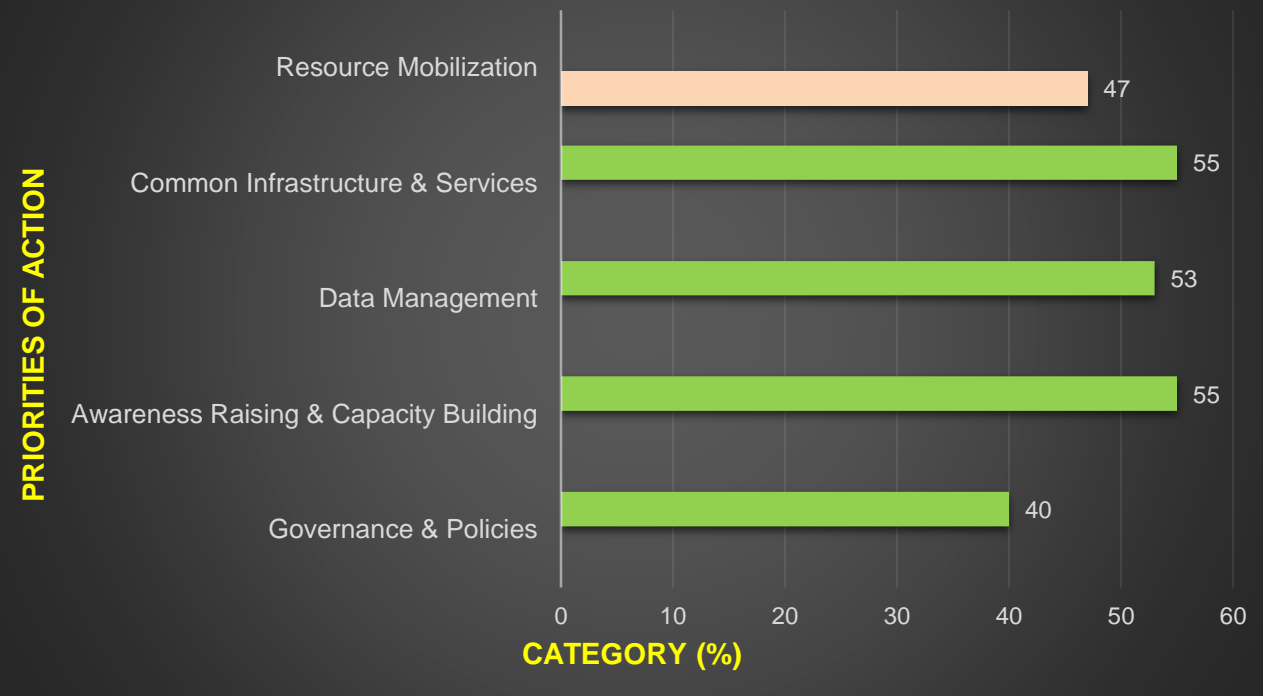
Resource
Mobilization



- **Background Paper on Strategic Framework on Geospatial Information & Services for Disasters:**

- Analysis and presentation of findings were conducted for Americas region previously.
- Currently, analysis of results for Africa, Asia Pacific & Europe being conducted towards preparation of **global assessment background paper** for presentation at the 11th session of the UN-GGIM in August 2021.
- Conducting a Side Event focused on examining the results of the findings and planning way forward.

Results Summary: Americas Region





CEOS

CARIGEO Caribbean Geoportal



Caribbean GeoPortal

<https://www.caribbeangeoportal.com/>



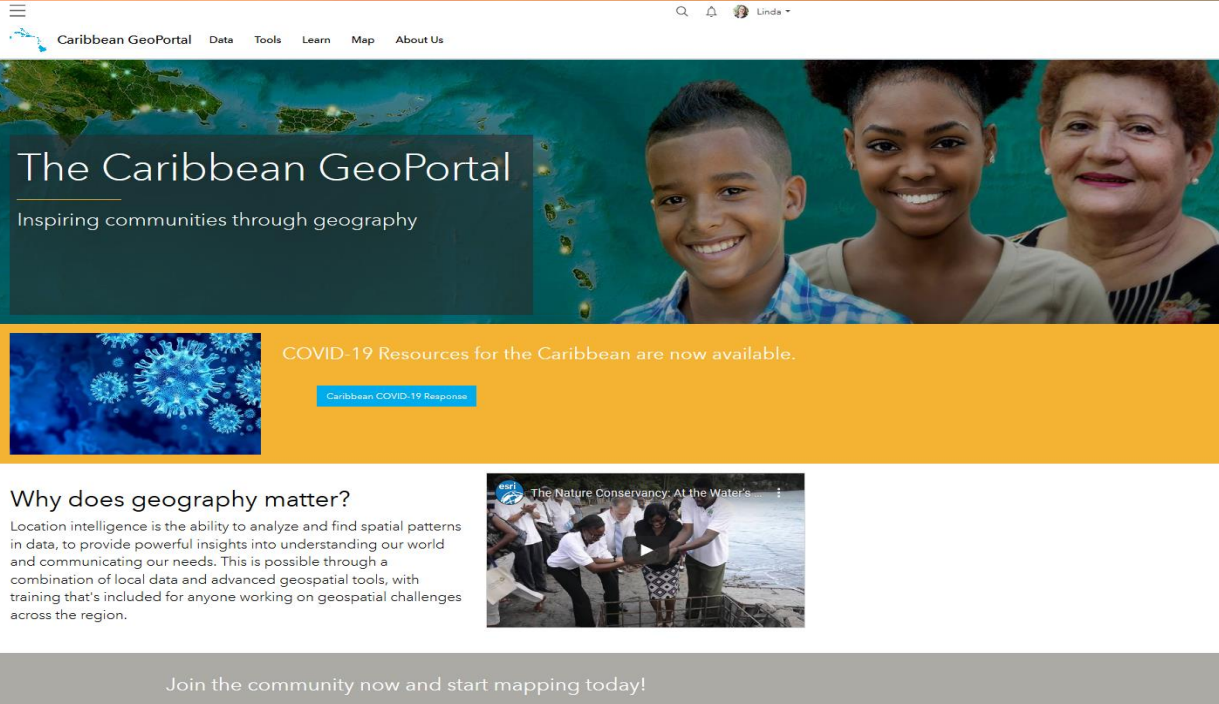
“

We are deeply committed to supporting innovation in the Caribbean, helping users discover, explore, and understand the vast information available to them through the power of maps

”

Jack Dangermond

President and Founder of Esri



The screenshot shows the homepage of the Caribbean GeoPortal. At the top, there is a navigation bar with a menu icon, the text "Caribbean GeoPortal", and links for "Data", "Tools", "Learn", "Map", and "About Us". A search bar and a user profile icon labeled "Linda" are also present. The main banner features a map of the Caribbean and a group of diverse people. The text on the banner reads "The Caribbean GeoPortal" and "Inspiring communities through geography". Below the banner, there is a yellow section with a blue virus icon and the text "COVID-19 Resources for the Caribbean are now available." with a button labeled "Caribbean COVID-19 Response". Further down, there is a section titled "Why does geography matter?" with a paragraph of text and a small image of people working outdoors. The text reads: "Location intelligence is the ability to analyze and find spatial patterns in data, to provide powerful insights into understanding our world and communicating our needs. This is possible through a combination of local data and advanced geospatial tools, with training that's included for anyone working on geospatial challenges across the region." At the bottom, there is a grey bar with the text "Join the community now and start mapping today!"

- Collaboration with UN-GGIM: Americas’ Caribbean Geospatial Development Initiative (CARIGEO) Project to host “**WEBINAR 2: Caribbean Geoportal - Disasters**” in June 2021, focused on using the geoportal to aid preparations, mitigation strategies and response to hurricanes and tropical storms during 2021 Atlantic Hurricane season.
 - Geoportal facilitates **data sharing, analytical tools and web services freely available** for anyone doing work in the Caribbean. **Open data hosting** for governments that want to contribute their data to the community at no cost. These functions support disaster and other initiatives within Caribbean.
 - Key Focus - **Forging of partnerships and collaborations** to support upload and maintenance of EO and other geospatial information and products on the portal for use by Caribbean countries.
 - ESRI is a member of the CARIGEO Steering Committee. CARIGEO Geoportal was built by ESRI on its ArcGIS platform to support geospatial initiatives within the region.



Webinar #1:
**Learn How You Can Use
the Caribbean GeoPortal**
(April 21, 2021)

Webinar #2:
**Leveraging the Caribbean
GeoPortal for Disaster
Planning and Management**
(June 9, 2021)

Webinar #3:
**Metadata, Maintenance &
Best Practices on Data
Sharing**
(August 26, 2021)

Rescheduling to June 22, 2021

“Webinar 2: Caribbean Geoportal – Disasters”

- Collaboration meetings held between UN-GGIM WG Disasters and CARIGEO Steering Committee (March - May 2021)
- Confirmed presentations from NASA for the CARIGEO Disasters webinar that will focus on **“NASA Data for Disasters”**:
 - Mr. Jeremy Kinkendall
 - Mr. Garrett Lane
- Webinar will:
 - Examine how best the Caribbean Geoportal can help persons within the region to become **better prepared and take action in disaster planning**, especially given the threats posed by the Atlantic Hurricane Season (June - November)
 - Examine **data needs for various hazards and their availability** on the geoportal
 - **Types of data accessible**, including NASA and NOAA featured datasets to help us understand issues of **precipitation, soil moisture, flooding, cyclones, hurricanes, earthquakes** etc.
 - Special focus on the St. Vincent & the Grenadines Volcanic eruption and its impact on SVG and Barbados (ashfall) and use of GIS and other forms of geospatial technology.

- Invitation from Dave Borges to present on CARIGEO :
 - GEO Virtual Symposium 2021
 - Parallel Session C: Earth Observation Strategies, Partnerships and Services for DRR
 - Tuesday June 22, 2021



Thank You!





Simone Lloyd, GISP

Jamaica Co-chair support

UN-GGIM Working Group on Geospatial Information and Services for Disasters

Jamaica Focal Point, CARIGEO Steering Committee

&

Senior GIS Manager/Trainer

National Spatial Data Management Branch (NSDMB)

Land Information Council of Jamaica (LICJ)

Ministry of Housing, Urban Renewal, Environment & Climate Change (MHURECC),

Jamaica W.I

simone.lloyd@mhurecc.gov.jm