

2026 Drones, AI and GIS for DRM Conference and Workshop Caribbean & Central America Edition

Theme: Turning Data into Action: Beyond the Storm: Mapping Hope & Building Resilience

Day 1 - Tuesday, May 5, 2026: Turning Data into Action: What the Storm Taught Us

08:30 - 09:00 **Arrival, Registration & Badge collection**

Setting the Stage: Vision, Policy & Partnerships

09:00 - 09:30 Opening Ceremony
Dr. Valrie Grant, Jamaica Flying Labs, Government Officials (TBA)
Opening remarks from Government Officials & Partners

09:30 - 10:00 Opening Keynote
CDEMA

10:00 - 10:45 Plenary Session
Hurricane Melissa: From Activation to Action. A multi-actor reflection.

10:45 - 11:15 **Coffee & Tea break**

11:15 - 12:00 Policy, Preparedness and Making the case for Geospatial Technology Strategy in DRM
Presentations from CDEMA / ODPEM / CARIGEO / UN-GGIM Americas GEOAI COP/BSJ

12:00 - 12:30 Showcase: Turning Data into Decisions
Govt. Jamaica, Flying Labs, GSD, WFP, TBA

12:30 - 13:30 **Lunch**

Current Capabilities & Inclusivity

13:30 - 13:45 Keynote: Building on existing capabilities and resources
Sonja Betschart, WeRobotics

13:45 - 14:30 Showcase Session
The Hurricane Melissa National Drone Response - Jamaica Flying Labs
Community Mapping & Participatory Data Collection - Flying Labs
AI for Early Warning and Risk Modeling - UN-GGIM Americas GEOAI COP

14:30 - 15:00 Keynote: Integrated Platforms for DRM
Esri, Olivier Cottray

15:00 - 15:30 **Coffee & Tea Break**

15:30-15:45 – Keynote: From Seabed to Shoreline — Data-Driven Coastal Resilience in SIDS
Fugro, Greg Murphy

15:45 - 16:00 Keynote: Beyond the Storm — Media, Trust & the Architecture of Resilience
Dr. Claire Grant

16:00 - 16:45 Fireside Chat: The Power of Local: Women and Youth Leading Resilience Through Tech
Moderated by Dr. Valrie Grant / Panelists: Dania Montenegro-Cheng, TBA,

16:45 - 17:00 Day 1 Recap

Co-Organizers



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Day 2 - Wednesday May 6, 2026: Building the Systems for Resilience

08:30 - 09:00 **Arrival, Registration & Badge collection**

Resources & Financing

- 09:00 - 09:15 Keynote: Financing Resilience Before Disaster Strikes
CDB
- 09:15 - 9:45 Panel Discussion – Who Pays When the Storm Hits?
OECS, CAF, GSD, , WB
- 9:45 - 10:15 Co-Creation: The Economic Value of Geospatial Data in DRM
- 10:15 - 10:30 Keynote
Spatial Innovation

10:30 - 11:00 **Coffee & Tea break**

Collaboration Across the Region

- 11:00 - 11:45 Regional Coordination
Presentations from CARIGEO, OECS, CEDMA, CEPREDENAC
- 11:45 - 12:30 Panel Discussion: Institutionalizing Drones, AI and GIS within National Disaster Systems
Dr. Earl Edwards, Dr. Kim Baldwin, TBD

12:30 - 13:30 **Lunch**

Collective Action: Recovery & Resilience

- 13:30 - 14:15 Use Cases from the region
- 14:15 - 14:45 Co-Creation Breakout sessions: Defining Regional Needs & Scalable Solutions
- 14:45 - 15:15 Presentation of breakout session outcomes
- 15:15 - 15:30 Keynote: Title TBD
Wingtra
- 15:30 - 16:00 **Coffee & Tea Break**
- 16:00 - 16:20 Establishing Drone Standards / BSJ/ JCAA
- 16:20 - 16:45 Charting the Way Forward / Collective Commitments: Beyond the Storm Action Framework
- 16:45 - 17:00 Day 2 Recap

18:30 - 22:00 **Gala Dinner & Networking**

Co-Organizers



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Day 3 - Thursday May 7, 2026: Hands-On Training

07:30 - 08:00	Arrival & Check-In	
Pre-event (preparation) phase		
08:00 - 08:15	Kickoff: Flying Labs followed by word from Mike Cox (Disaster Relief Lead for Esri)	
08:15 - 9:45	Track 1: Drone demonstration (outdoors if weather permits) <i>Wingtra, Jamaica Flying Labs</i>	Track 2: Pre-event Data collection (Esri Living Atlas, Census, Survey/Field data) <i>Esri – in classroom training</i>
9:45 - 10:00	Data Collaboration – reviewing what was done in both tracks	
10:00 - 11:00	Data Collaboration – via ArcGIS Online – hands on group/item sharing amongst AGOLs	
11:00 - 11:15	Early morning - Coffee & Tea break	
11:15 – 11:30	Data Processing & Logistics - reviewing what will be done in both tracks	
11:30 - 12:30	Track 1: Drone data processing (via Drone2Map) <i>Wingtra, Jamaica Flying Labs</i>	Track 2: Dashboard creation (via ArcGIS Solutions Template) <i>Olivier Cottray</i>
12:30 - 13:30	Lunch	
Post-event (response) phase		
13:30 - 13:45	Mental Readiness in Crisis Operations	
13:45 - 14:00	Drone data processing pipeline	
14:00 - 14:15	Exploration of imagery – via Image Service	
14:15 - 14:30	Early Afternoon - Coffee & Tea Break	
14:30 - 15:30	Data Analysis (may have different tracks for each type of analysis, see below) <ul style="list-style-type: none"> o <i>Social Vulnerability – people and socioeconomic focused</i> o <i>Environmental Impacts/secondary risks – e.g. flooding, landslides</i> o <i>GeoAI damage assessment – feature extractions for infrastructure damage</i> 	
15:30 - 15:45	Data Analysis – review of what was done in each track	
15:45 - 16:00	Data Visualization – and overview – e.g. Storymaps, Dashboards, Web Apps, Hub, etc.	
16:15 - 16:30	Late Afternoon - Coffee & Tea Break	
16:30 – 17:00	Wrap-up: <i>Jamaica Flying Labs, Esri, WeRobotics, GOJ</i>	