

Panel: Natural disasters and HIV care: impact and lessons from Hurricane Maria

Perspective from the air

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Disclosures

Presenter(s) has no financial interest to disclose.

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Presenter

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Learning Objectives

At the conclusion of this activity, the participant will be able to:

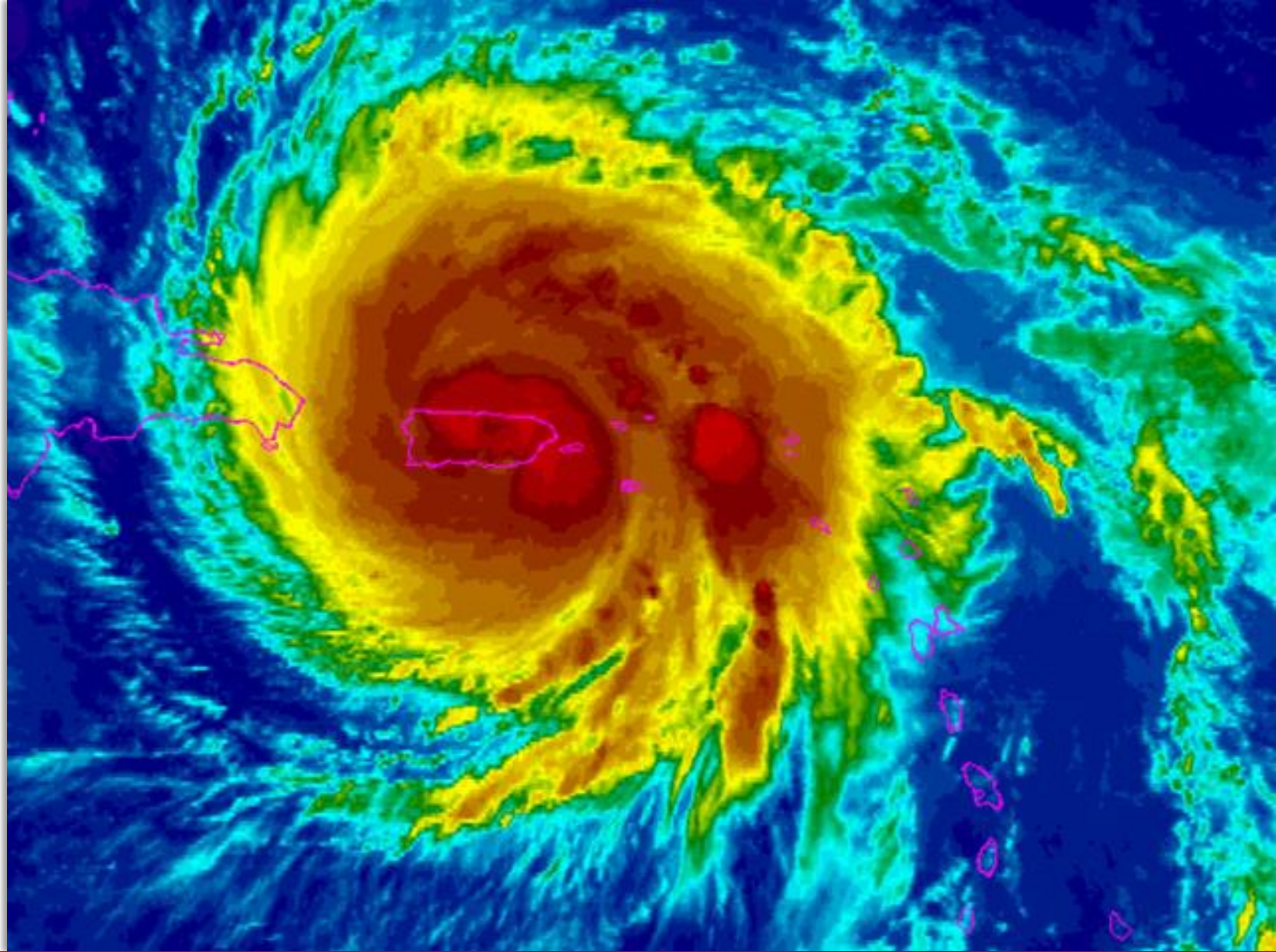
1. Describe the events as documented in multiple videos posted on social media during rescue missions and the aftermath.
2. Appraise the contribution of the aerial perspective in assessing response.

Hurricane Maria

9.20.17

Hurricane Maria is regarded as the worst and most deadly natural disaster on record in America since 1900.

Maria was the strongest storm to make landfall in Puerto Rico in 85 years.

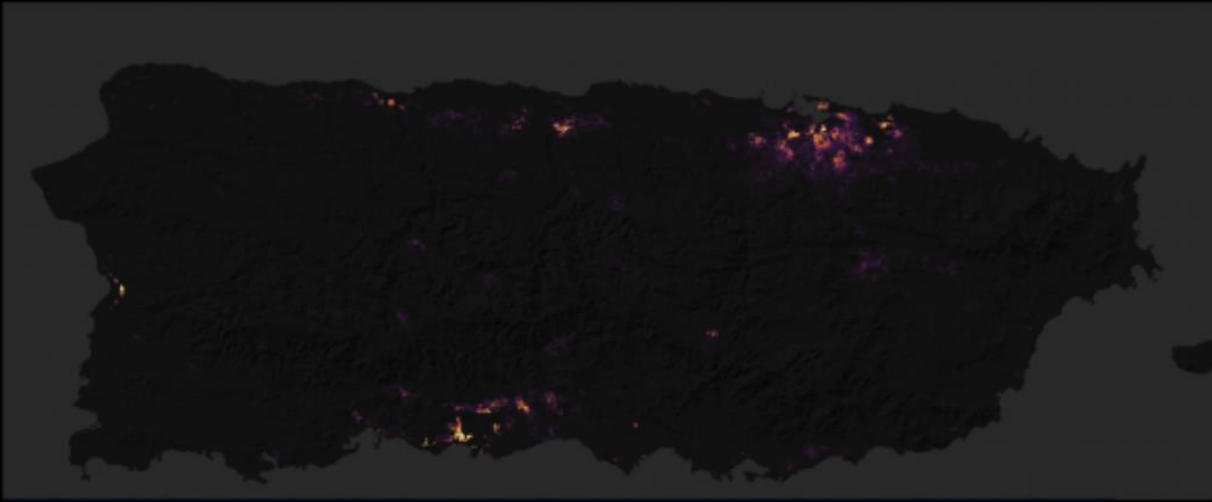


Hurricane Maria's Path Across Puerto Rico



After sweeping across the Virgin Islands as a Category 5 storm, **Hurricane Maria plowed into Puerto Rico** on the southeast shore as a barely diminished **Category 4 storm**, with winds of 155 miles per hour.

The storm's hurricane-force winds spanned the island, and all residents lost electricity.



Blackout

The largest blackout in US history. It's the second-largest power outage in the world on record.

Hurricane Maria - Puerto Rico: 9.21.2017

The storm caused significant or complete destruction of the buildings and structures.
(FURA Base, San Juan)



Hurricane Maria - Toa Baja: Levittown and Ingenio Floods

Five spillways of La Plata dam were opened in advance of the storm in an attempt to avoid overflow and flooding. Still, La Plata river swelled to more than 11 feet above flood stage and caused an **unprecedented flooding**.



Rescue Mission





Total Devastation
100 x 35



CENTRAL AREAS MOST AFFECTED

AEREA PONCE	
1.	LAS MARIAS
2.	MARICAO
3.	SAN SEBASTIAN
4.	LARES
5.	ADJUNTAS
6.	JAYUYA
7.	UTUADO
8.	CIALES
9.	OROCOVIS
10.	BARRANQUITAS
11.	AIBONITO
12.	VILLABA
13.	COAMO
14.	COMERIO
15.	CIDRA
16.	AGUAS BUENAS
17.	SAN LORENZO
18.	YABUCOA
19.	MAUNABO

The Central Area Was The Most Affected
Population: 502,063



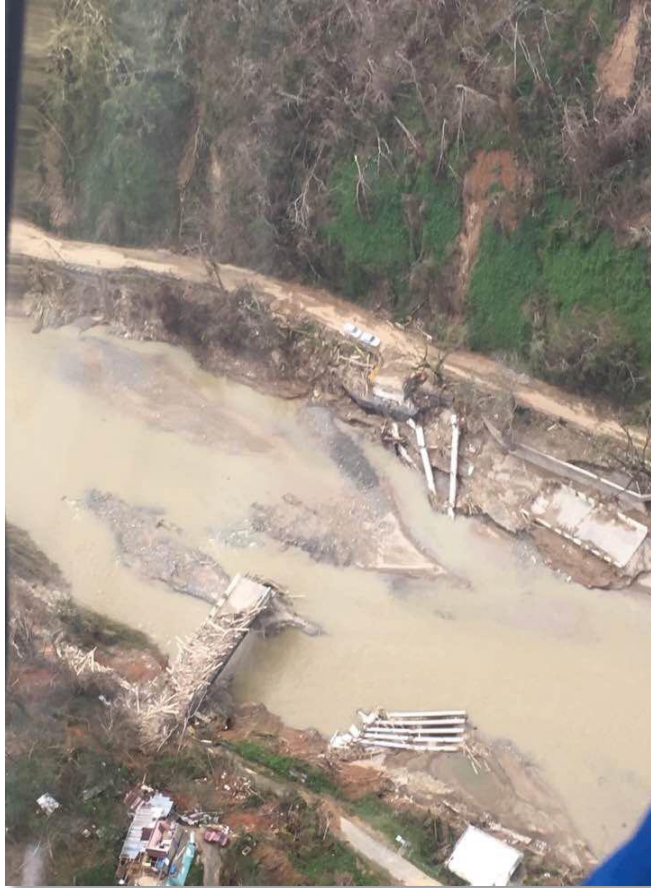


HELP

“We need **water, food** and **medical** assistance”

Access to the most affected areas was limited because of the situation of collapsed bridges, flooded roads and landslides.

Collapse of bridges



Landslides



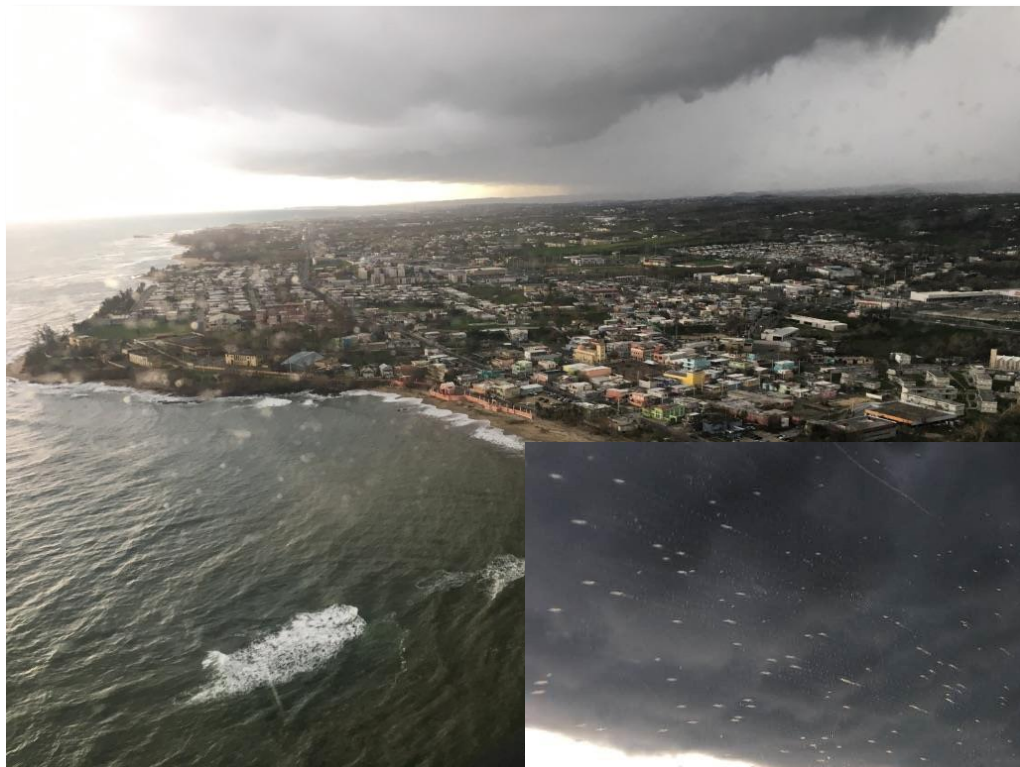
Inaccessible roads





Our lives at risk

The challenge of providing the necessary help **as soon as possible.**



The Weather

After the hurricane, the weather conditions often stopped rescue missions. Maria, destroyed the weather radars that are a critical tool for forecasting.

People with serious health conditions... the aftermath of Maria

Every time we landed, the community leaders came to us with lists of people who needed immediate medical attention.

Estado Libre Asociado de Puerto Rico
Municipio de Morovis
Huracán María

Dist. Carlos I. Meléndez González
Medicina

Distribución de Alimentos y Agua Potable Pág. de

Nombre del Ciudadano	Dirección Física	Teléfono
1. Miria Narváez	Sector Narváez	
2. Elisa Marrero	Sector Narváez	
3. José Rolón	Sector Nieves	
4. Ramón D. Marrero	Fráguéz Centro	
5. Celso Meléndez	Sector Lucio Meléndez	
6. Francisca Marrero	Sector Lucio Meléndez	
7. Abigail García	Sector Lucio Meléndez	
8. Pedro Rolón Rosado	Sector Lucio Meléndez	
9. Elio Coss	Sector Pabón	
10. Miguel Sepúlveda	Sector Pabón	
11. Concepción Cordero	Sector Pabón	
12. Carmen Narváez	Sector El Parque	
13. José Rolón Rolón	Sector La Granja	
14. Teresa Ríos	Sector La Granja	
15. Ignacia Ríos	Sector Oscar Rodríguez	
16. Luis Rolón	Fráguéz Centro	
17. Espasa Joba	Sector Orta	
18. Hermana Tonín	Sector Rosario	
19. Luis Rosario	Sector Rosario	
20. Fernando Rosado	Fráguéz Centro	
21. Sarin Meléndez	Sector Lucio Meléndez	
22. Reyes Lozano	Sector Nicio Vega	
23. Tinín Rosario	Sector Rosario	
24.		
25.		

Fecha _____ Firma _____ Barrio/Sector _____





Death toll
2,975

The estimated total of deaths, according to a study of the George Washington University.

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<http://ryanwhite.cds.pesgce.com>