

# VI

## Plataforma Regional para la Reducción del Riesgo de Desastres en las Américas

20 - 22 de Junio 2018 - Cartagena, Colombia



 GOBIERNO DE COLOMBIA

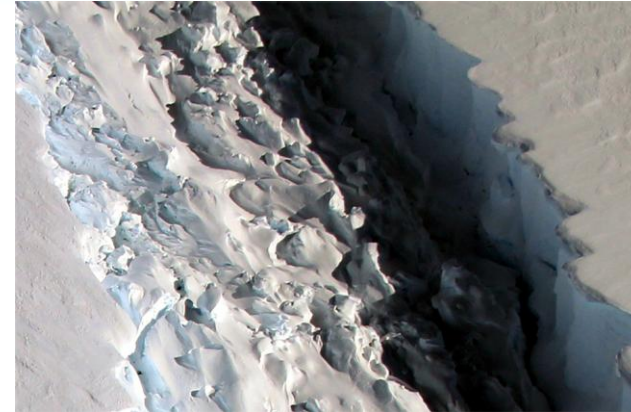


## Science from Space for Risk on Earth





# SCIENCE



*Who's at Risk? What's at Risk?  
A picture is worth a thousand actions"*

**Dr. David Green**  
Program Manager, Disasters  
Earth Science Division  
[david.s.green@nasa.gov](mailto:david.s.green@nasa.gov)



# Are these people at risk?

Hawaii 2018



Colombia 2018



Guatemala 2018



Colombia 2018



Colombia 2018



Puerto Rico 2017



Guatemala 2018

# Are these people aware of risk?



Hawaii 2018



# Who is at risk here?



Brazil 2018



Guatemala 2018



Mexico 2017



Hawaii 2018



# How extensive is the risk impact?

Brazil



Chile



Brazil



Texas 2017



# Where's the risk?



Barbuda 2017

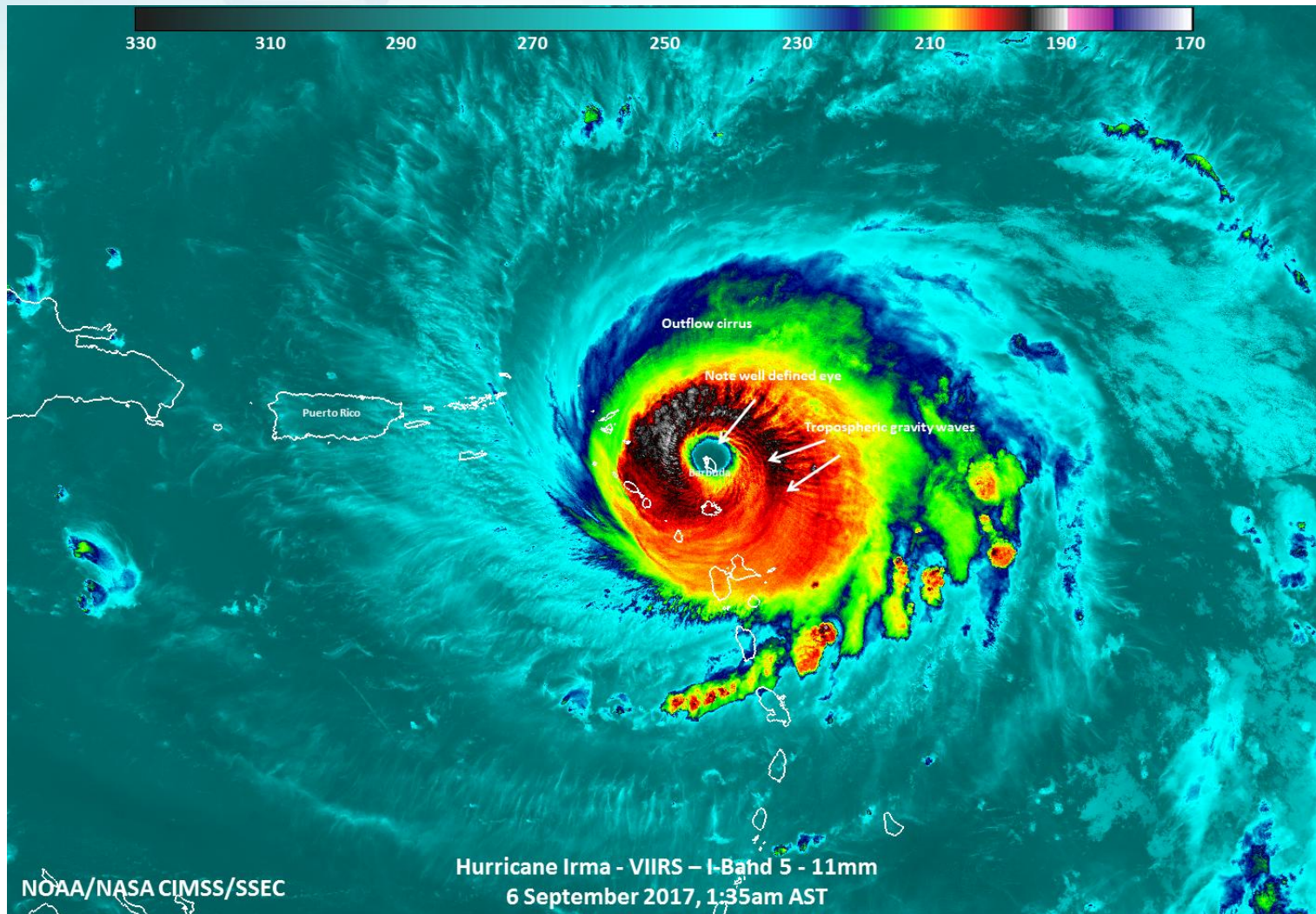


# Could we see it coming?

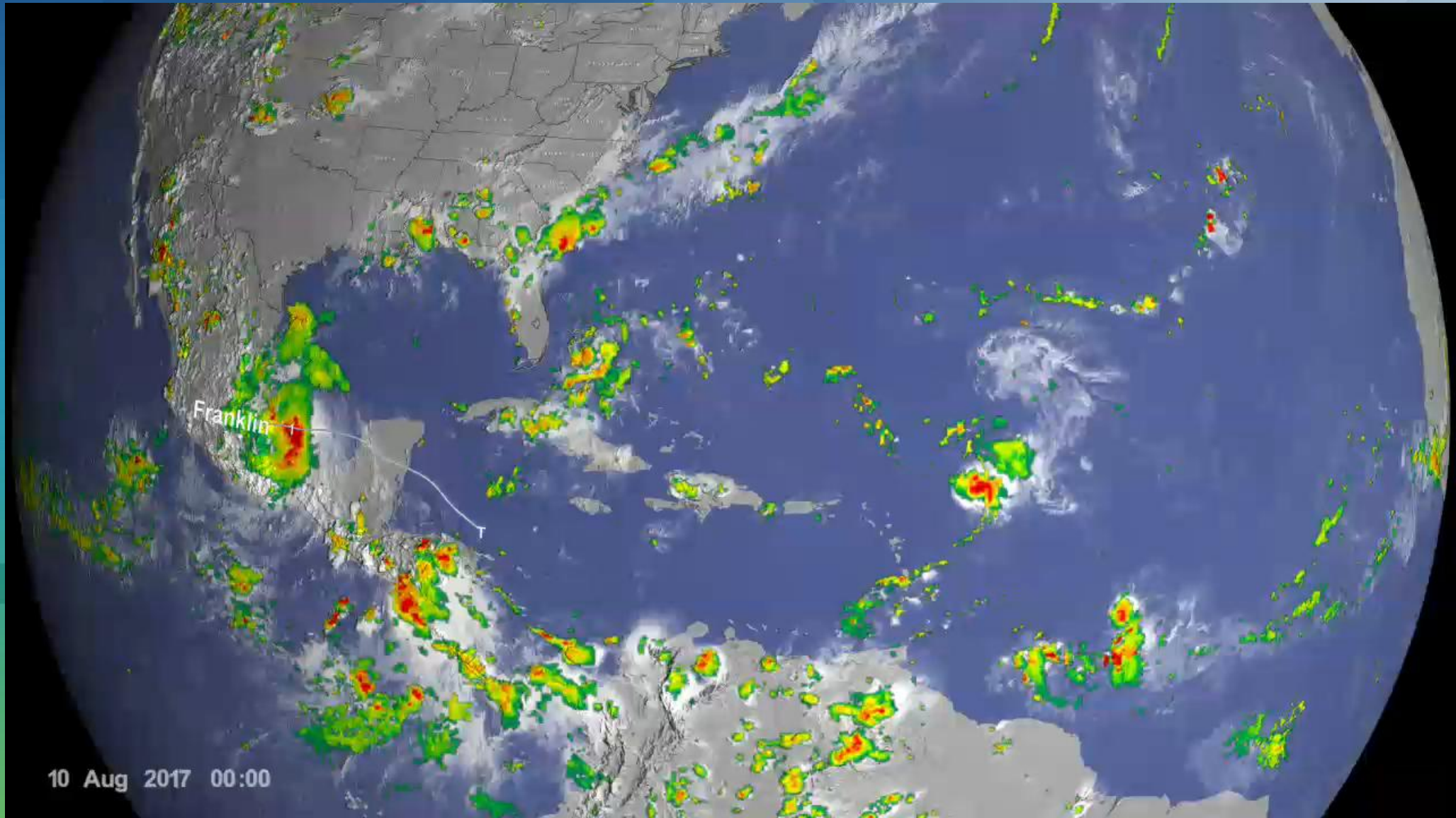




# Was this a surprise?

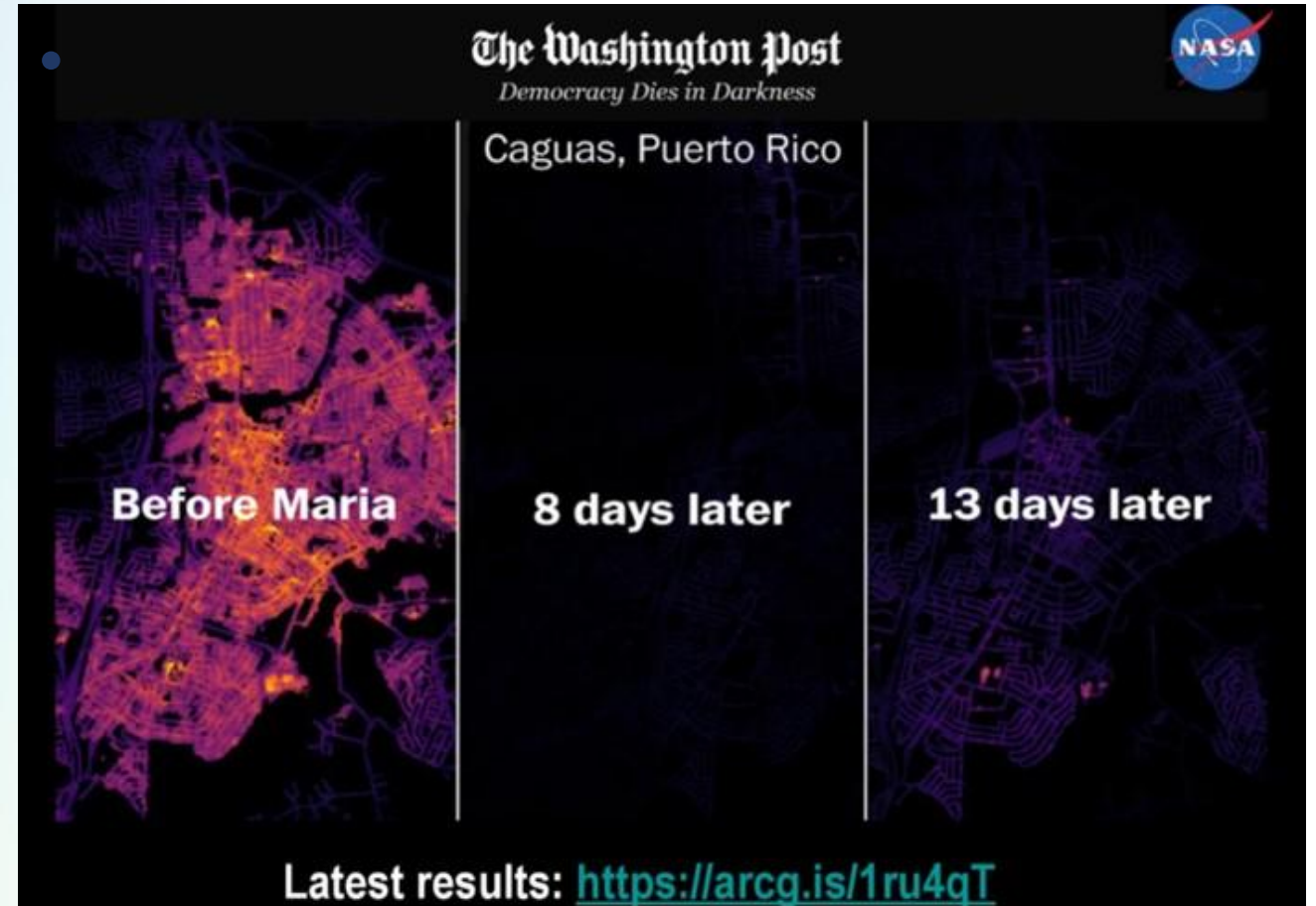
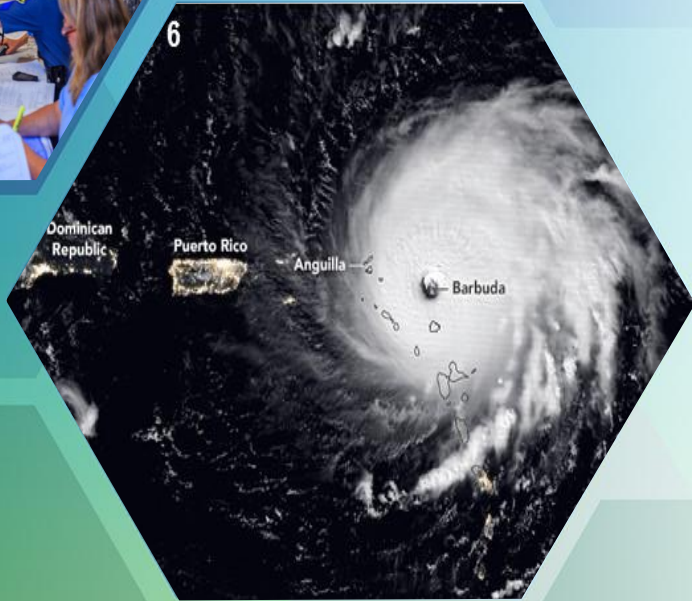
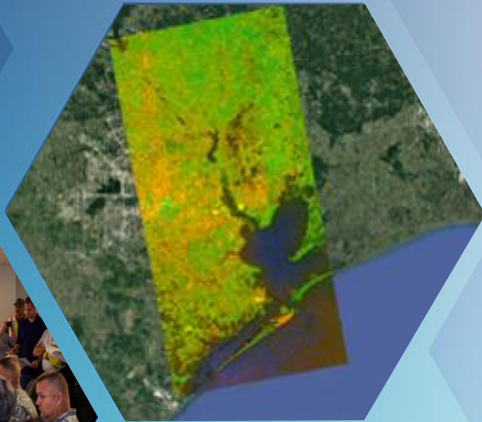








# Communicating Perils

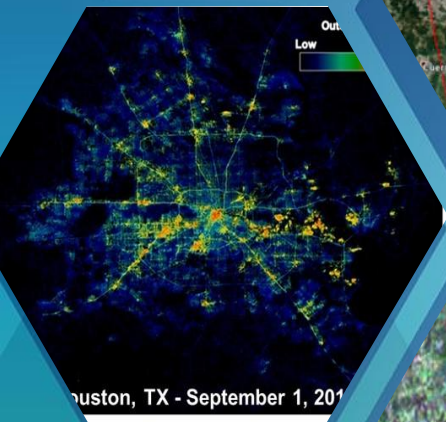




# Perils at City Scale



Mexico 2017



Puerto Rico 2017



Uruguay 2017



Texas 2017



# Making Risk Reduction Visual & Scalable,





# Monitoring Communities and Areas at Intensive Risk





# Assessing Risk Impact and Sustainability

Research & Understanding  
Open & Accessible Data  
Models & Maps  
Predictions & Decision Tools  
Capacity Building



# A Picture's Worth a Thousand Actions



david.s.green@nasa.gov

<https://disasters.nasa.gov/home>

<https://maps.disasters.nasa.gov/arcgis/home/>