



## AARP National Rural Livability Workshop

### Preparing for Weather and Disaster

#### Presentations

Wendell Alfred and Kimberly Iapulucci, AARP Delaware  
*Communicate, Prepare.....Then Communicate!*

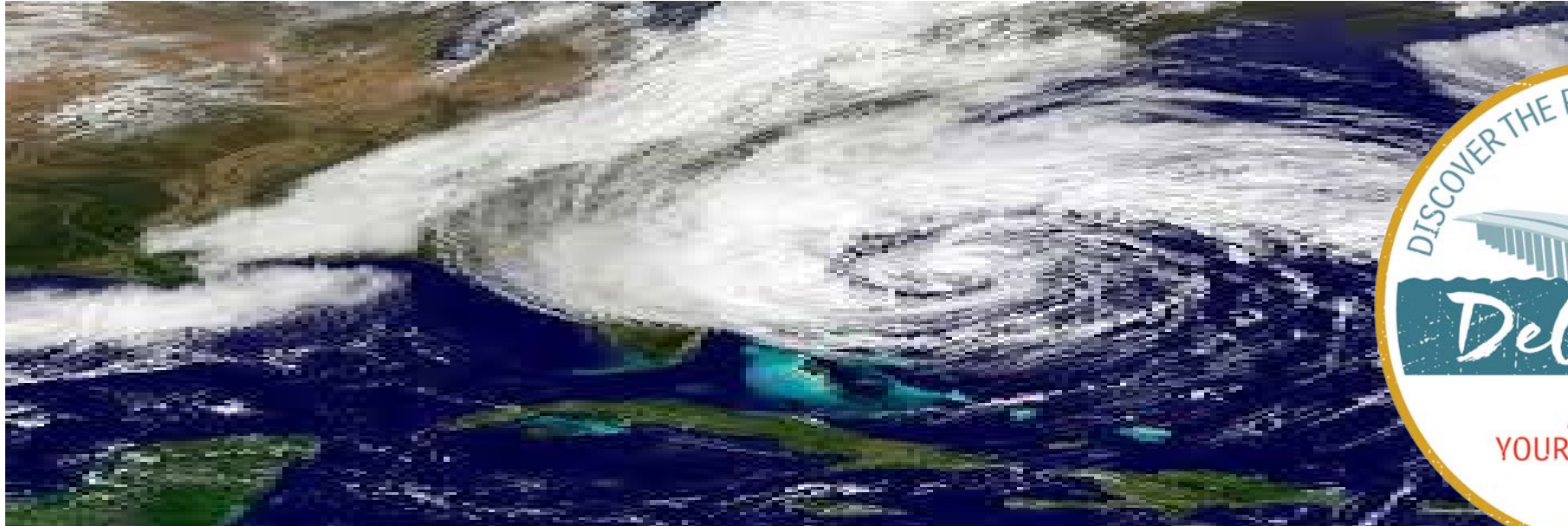
Pedro M Cardona Roig, AARP Puerto Rico  
*Lessons of Disaster (Hurricane Maria)*

Troy Schuster, AARP Virgin Islands  
*Title: TBD*



# COMMUNICATE, PREPARE ... THEN COMMUNICATE

*A plan for action during Hurricane Sandy*



# *Our Situation*



In 2015, Hurricane Sandy was due to make landfall on Delaware's coastal beach communities

At the last minute, the storm turned 3 degrees west



## *We took action*

Convened a group of rescue personnel, hospitals, and utilities providers. Partnerships and collaboration.

Hosted bridge calls

Door-to-door outreach

Police, Fire, DENREC,  
Utilities Companies



*What happened?*

Devised some best practices for future emergencies



# *Created a list of channels for information and communication*

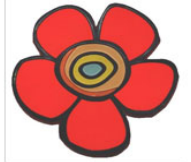
- Grassroots media
- Traditional media
- Social media
- Code RED
- E-alerts created



## TANGLEWOOD—HAWTHORNE HILLS HOMEOWNERS ASSOCIATION NEWSLETTER

April 2015

### Springtime Happenings



#### Neighborhood Clean Up & Trash Dumpster

Sat., April 25<sup>th</sup> from 8AM-12PM

Manning Park at the end of  
Kingsway Drive

Start the day with donuts and  
coffee at 8am then split up to pick  
up trash around the neighborhood.  
Great family event!

#### Annual Neighborhood GARAGE SALES

May 15<sup>th</sup> & 16<sup>th</sup> (Fri & Sat)

Its time to clean out the garage and make a  
few extra \$\$\$. Start planning now to join your  
neighbors in this popular event.


The HOA will support advertisements  
for the neighborhood garage sales.

#### Garden Walk

Tues, June 2nd at 6PM

Several neighbors will open up their yards/  
gardens to us to see whats growing. Great  
chance to meet and get to know your neighbors.  
Interested in showing off your garden? Please  
contact Kassy Killey at [Kassyc@gmail.com](mailto:Kassyc@gmail.com).

**HOA ANNUAL MEETING**  
**Wed, May 27<sup>th</sup> @ 6PM**  
**Kellar-Williams Realty**  
**2426 W Cornerstone Ct**  
**off of Allen Rd**

Stay connected to your HOA! 

**Website:** [twhh.wordpress.com](http://twhh.wordpress.com) | Events, Pay your Dues Online

**Facebook:** [facebook.com/TanglewoodHawthorneHills](https://facebook.com/TanglewoodHawthorneHills) | Events, Pictures, & Updates

**NextDoor:** [tanglewoodhawthornehills.nextdoor.com](http://tanglewoodhawthornehills.nextdoor.com) | Events, Forums & Services



**Have a Utility Emergency? Call our Emergency 24 Hour Hotline - [\(302\) 645-6228](tel:3026456228)**



## Emergency Email

To subscribe to our Emergency Email Contact List, please follow the link below:

[Emergency Email Sign-up](#)



Lewes BPW  
107 Franklin Avenue • Lewes DE, 19958  
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Fax: (302) 645-6358

Lewes Board of Public Works  
Original design and concept by the Delaware GIC  
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## A close-up photograph showing a person's hands holding a smartphone. The person is wearing a blue and white striped shirt. The phone is held in a way that the screen is facing the person. In the foreground, the keyboard of a laptop is visible, slightly out of focus. The background is blurred, showing a desk and some other objects.

- Shelters (pets?)
- Identify as caregiver
- Become self-reliant
- Join social media and download apps to phone



## *Plan for re-entry*

Juniors helping seniors

Volunteerism to help victims (AARP Create the Good)

Be savvy to fraud (home improvement scams)



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Create the Good

## *Follow up with us*

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Real Possibilities in

# Delaware

# LESSONS OF DISASTER

(Hurricane María)

Pedro M. Cardona Roig



# Preparedness Plan (PP)

	Incidents	Major incidents	Disasters	Catastrophes
<b><i>Size of impact</i></b>	Very localized	Fully or partially localized	Widespread and severe	Extremely large in the physical and social sphere
<b><i>Size of response</i></b>	Local resources used	Mainly local resources used, with some mutual assistance from nearby areas	Intergovernmental, multi-agency, multi-jurisdictional response needed	Major national and international resources and coordination are required
<b><i>Plans and procedures activated</i></b>	Standard operating procedures used	Standard operating procedures used; emergency plans may be activated	Disaster or emergency plans activated	Disaster or emergency plans activated, but huge challenges may overwhelm them
<b><i>Impact on response resources needed for response</i></b>	Local resources will probably be sufficient	Local resources and some outside resources needed	Extensive damage to resources in disaster area; major inter-regional transfers of resources	Local and regional emergency response systems paralyzed and in need of much outside help

# Preparedness Plan (PP)

	Incidents	Major incidents	Disasters	Catastrophes
<b><i>Involvement of public in response</i></b>	Public generally not involved in response	Public largely not involved in response	Public extensively involved in response	Public overwhelmingly involved in response
<b><i>Challenges to post-event recovery</i></b>	No significant challenges to recovery	Few challenges to recovery processes	Major challenges to recovery from disaster	Massive challenges and significant long-term effects

# Puerto Rico

- In September of 2017, Puerto Rico suffered catastrophic damage as Hurricane Irma passed just north of San Juan.
- Hurricane Maria made a direct hit on the Island as a massive category 5 (soon after landfall became cat 4) hurricane two weeks later.
- Damage to critical infrastructure resulted in cascading failures of lifeline systems of energy, transportation, communications, and water supply and wastewater treatment.



# Puerto Rico

- Federal resources for disaster response were stretched, since these events occurred at the end of a very active hurricane season.
- Aid from other states was not easily available due to a lack of mutual compacts and geographical separation across a vast ocean.
- Because the resources available for response were inadequate for the scale of the disaster, the failure of the lifeline systems meant that emergency services were severely compromised and residents lacked electricity, food, and water for a prolonged period.
- And with roads impassable, residents had limited access to medical care.

# Puerto Rico

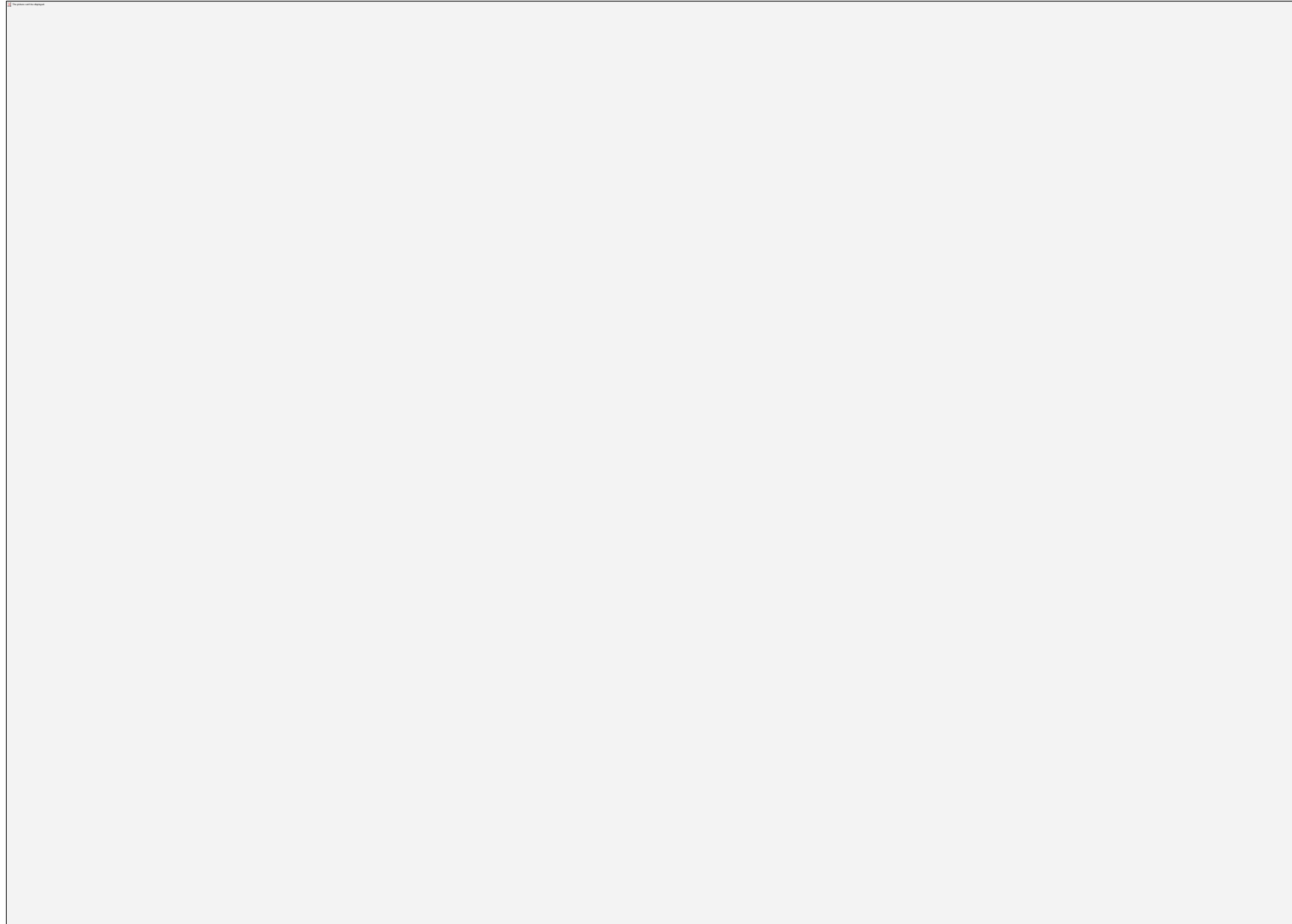
- After the hurricanes, people lost their jobs, schools were closed, government services and private enterprise could no longer operate effectively, landslides caused flooding hazards, and wastewater polluted marine environments.
- Older adults, children, individuals with disabilities or chronic illnesses, and women were all disproportionately affected by this disaster.

# Puerto Rico

- Population is aging, and an increasing number of young people and working-age adults have been migrating away from the Island.
- Poverty rates are higher than in any U.S. state.
- Has been grappling with an economic crisis spanning more than a decade; structural demographic, health, social, and infrastructure stresses; and a history of limited government transparency—these preexisting conditions exacerbated the impact of the hurricanes.





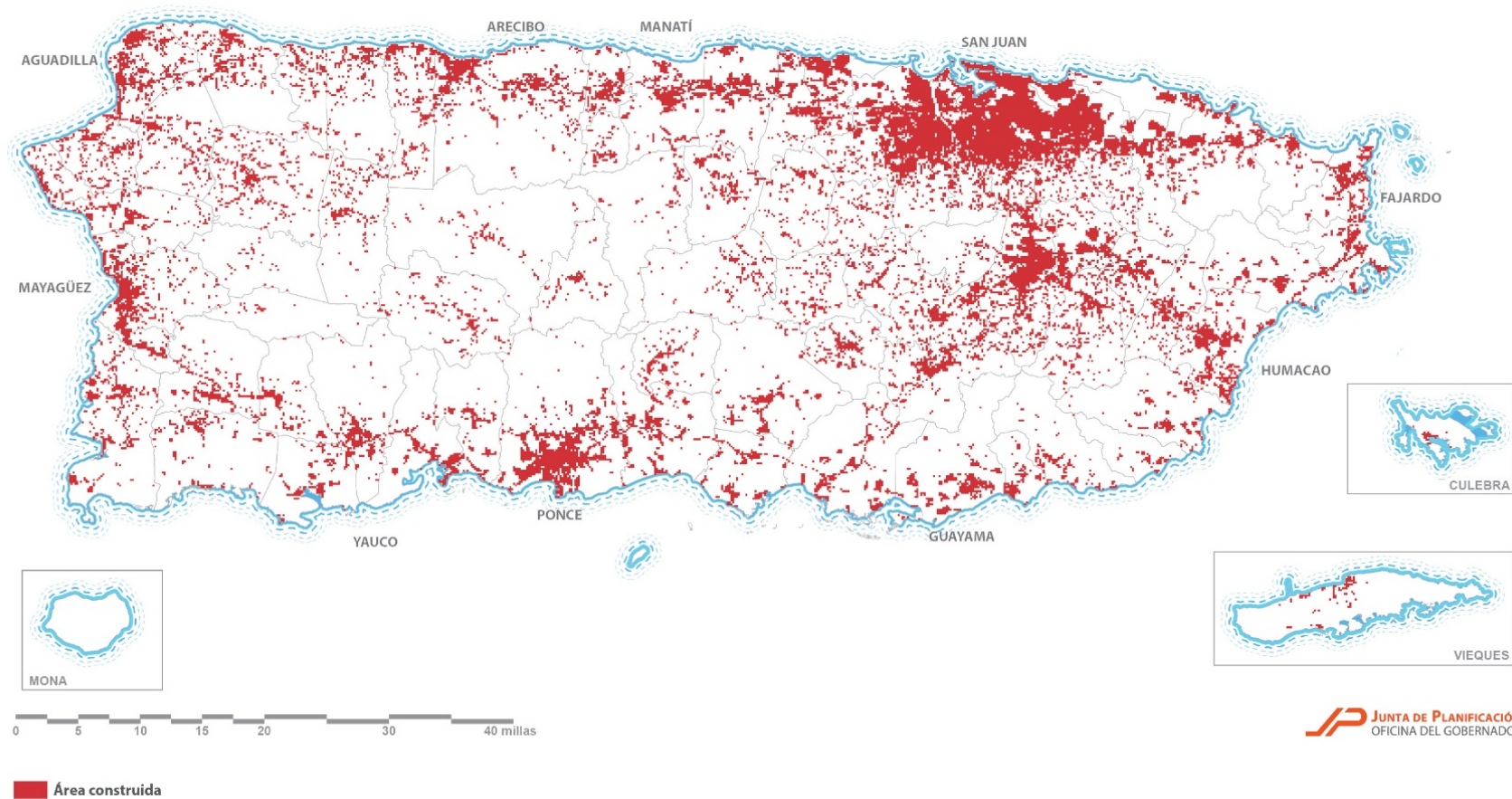


## TRANSPORTACIÓN





## MAPA 2. ÁREAS CONSTRUIDAS EN PUERTO RICO, 2010

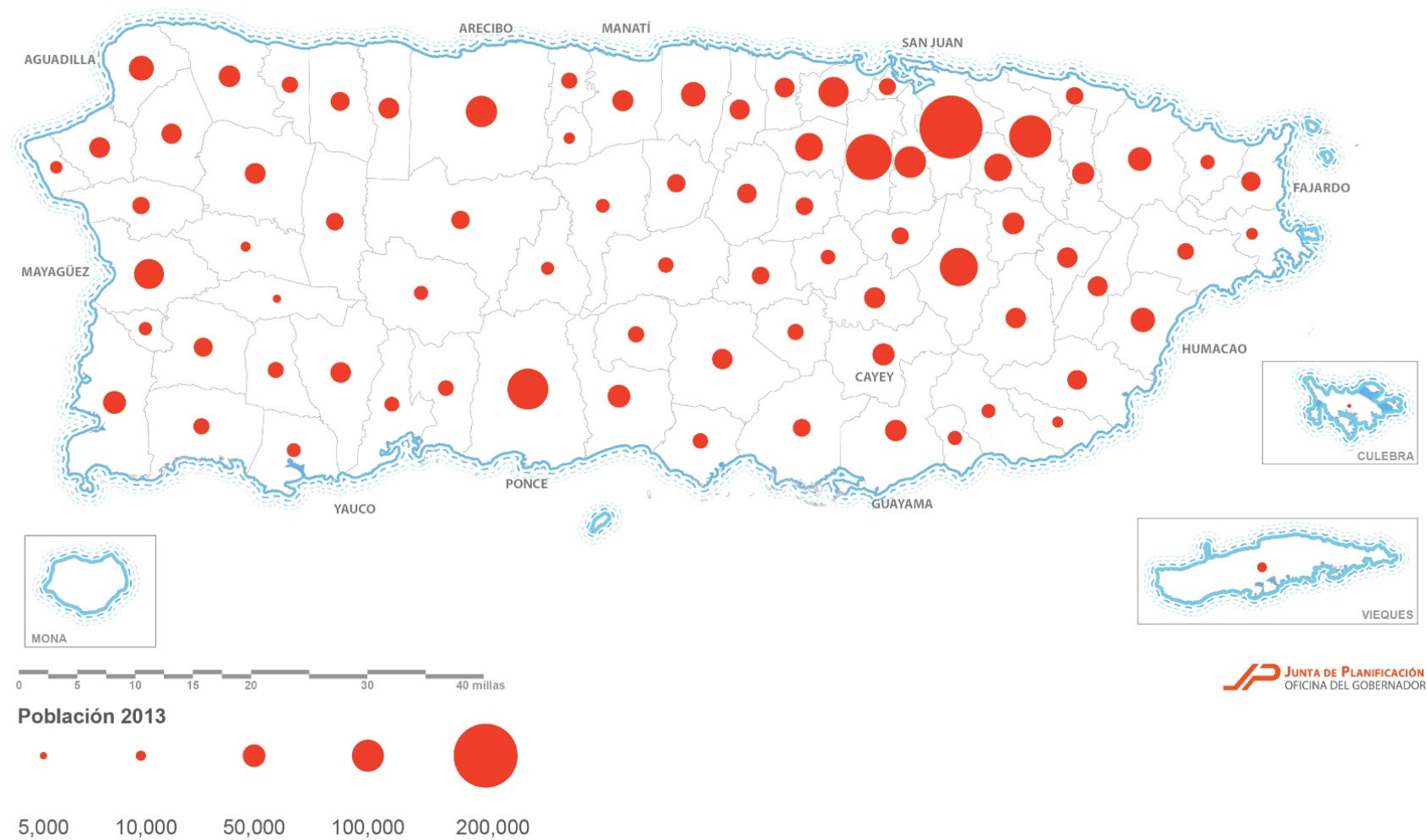


Fuente: XPLORAH Puerto Rico Land Use Map (2010). Escala 240 metros. Consultado el 11 de diciembre de 2014. Revisado el 11 de diciembre de 2014.

Mapas diagnósticos – BORRADOR: Memorial del Plan de Uso de Terrenos



POBLACIÓN 2013



Fuente: U.S. Census Bureau, 2009 - 2013 American Community Survey 5-Year Estimates (2014). Consultado el 8 de diciembre de 2014. Revisado el 9 de diciembre de 2014.

Mapas diagnósticos – BORRADOR: Memorial del Plan de Uso de Terrenos

























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BEBIDAS UHT

Carniceria

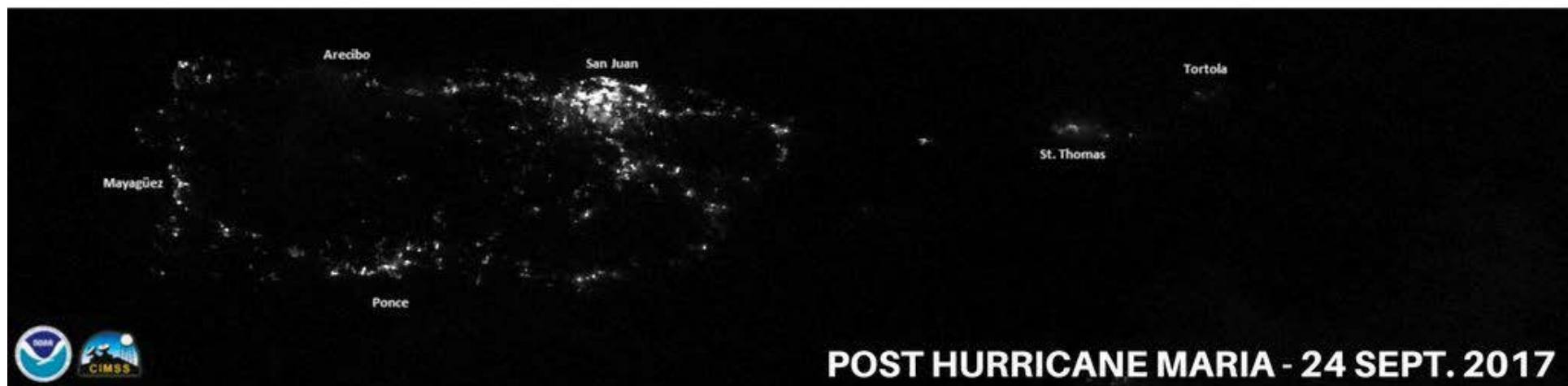
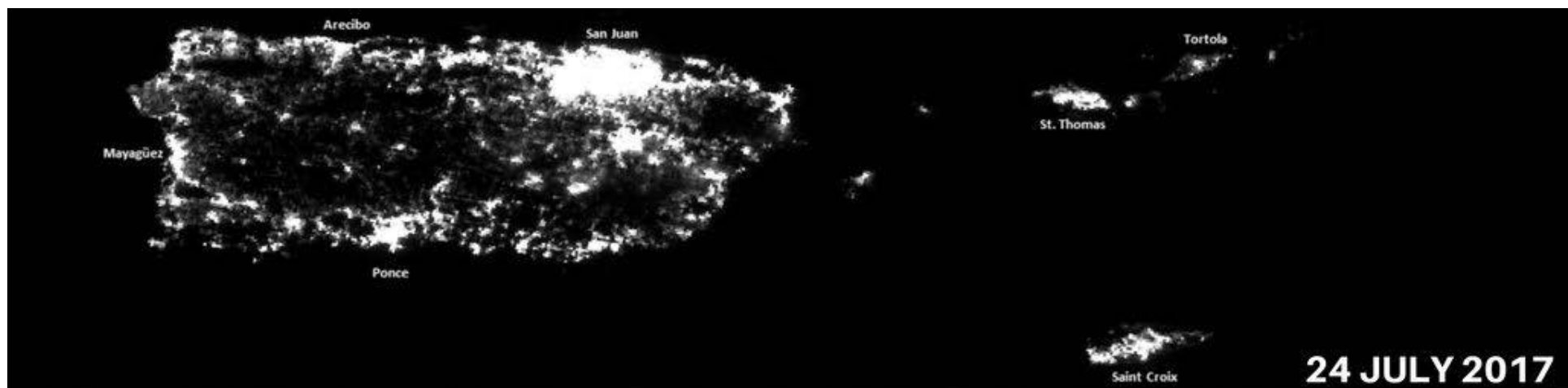


WE ARE OPEN  
Alvino

ESTACIONAMIENTO  
PRIVADO







64 ≠ 4645

GENOCIDIO



## VISION

To build a new Puerto Rico to meet the current and future needs of the people

## GOALS

Enhance resilience  
Strengthen critical infrastructure  
Promote sustainable economic growth  
Foster a society grounded in the needs of the people

## OBJECTIVES

### PRECURSORS

Actions that act as a foundation for other investments

**Build government capacity** to handle day-to-day business and recovery efforts  
**Make high-quality data** available to support better decisionmaking  
**Enhance local capacity** to secure and manage recovery funds  
**Maximize the impact** of available federal funding  
**Support planning** at the local level  
**Increase the ease** of doing business  
**Reduce barriers** to formal work and incentivize workforce training

### CAPITAL INVESTMENTS

9 foundational sets of actions to take today that invest in infrastructure, people, and the environment

#### Lifeline capital investments

- Transform the energy system
- Modernize the telecommunications system
- Rethink water systems
- Rebuild and strengthen maritime, surface, and air transportation

#### Other investments

- Repair and rebuild resilient residential housing
- Transform the education system
- Rebuild and enhance health and social service infrastructure
- Repair, rebuild, and right-size the public buildings inventory
- Restore, plan for, and develop the natural environment

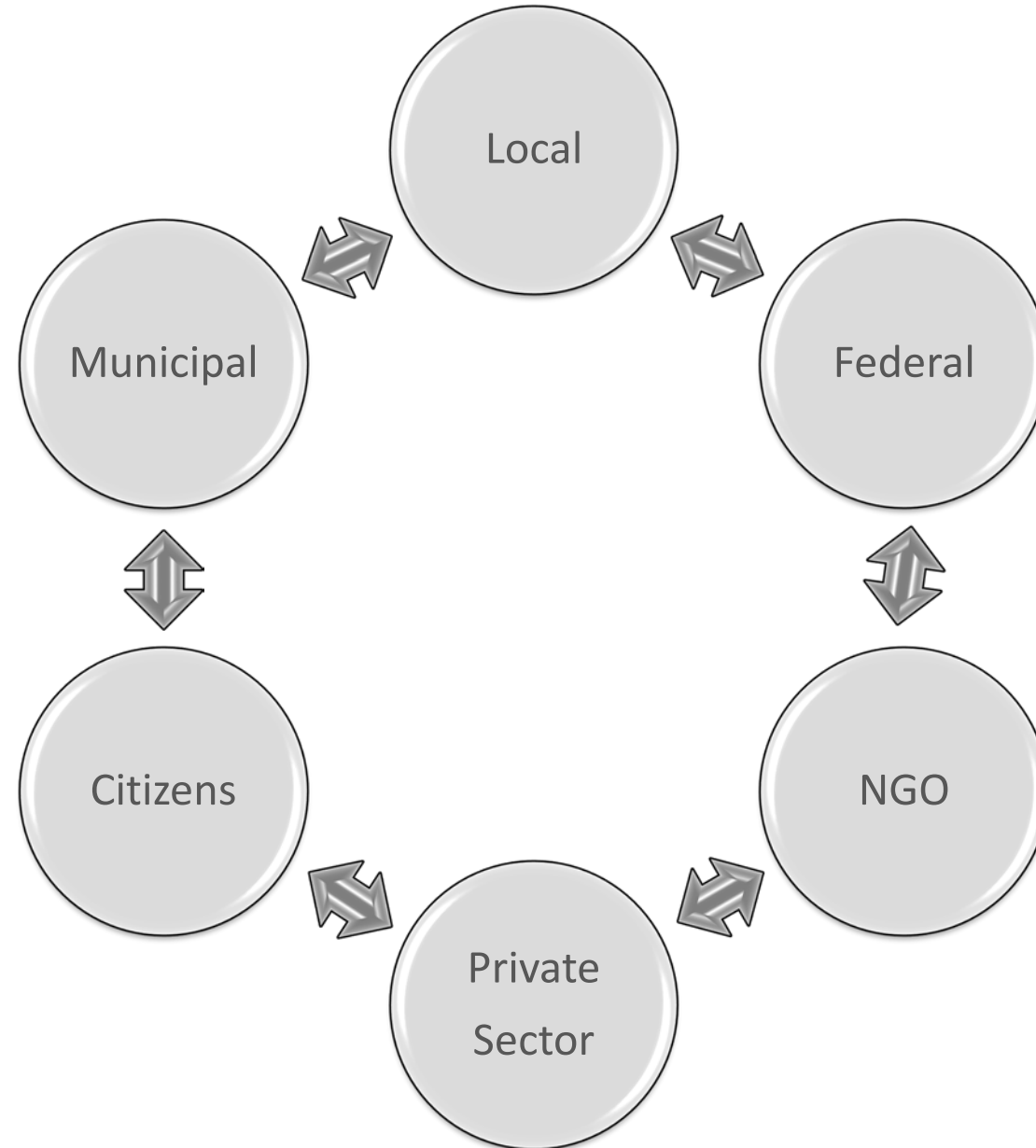
### STRATEGIC INITIATIVES

8 future-facing sets of actions that reflect the economy of tomorrow in Puerto Rico

- Ocean economy
- Visitor economy
- Emergency services modernization and integration
- Agricultural modernization and processing
- Digital transformation
- 21st century workforce
- Entrepreneurship
- Advanced manufacturing

## ACTIONS

Roughly 270 specific ways to act on all of the above





Thank you

Questions? More Information?

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Member of AARP Executive Council  
AARP Puerto Rico

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# Preparing for Weather and Disasters



## **Presentations/Contacts**

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Troy Schuster, AARP Virgin Islands (tschuster@aarp.org)

*Title: TBD*

## Questions



## Your Experiences and Ideas