Why should we plan for tsunamis in Puerto Rico?

Tsunami Preparedness Workshop for Maritime Community

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Workshop Objectives

- Discuss why the **maritime community** in Puerto Rico should be prepared for earthquakes and tsunamis
- Educating the community about the **tsunami communication protocol** and alerts
- Present resources that PRSN has to facilitate **tsunami preparedness** in your agency or office (research, maps tools, others).
- Present the TsunamiReady ® Supporter program
- Present the Tsunami Preparedness **Guideline for Maritime Community**
- Clarifying doubts on the subject with our **expert panel**
Puerto Rico is located on a very seismically active zone.

2016: 3,948 seismic events located on our AOR (709 more than 2015).
Tsunamis are one of the effects associated with earthquakes.

Tsunami of Japan, March 2011

Yuriabe

April 3, 2010

1 year before tsunami

Yuriabe

March 13, 2011

1 day after tsunami
74 tsunamis have been observed in the Caribbean region during the last 500 yrs.

In the Caribbean region, around 4,438 fatalities were registered due to a tsunami (NCEI).
Tsunamis may cause destruction on ports facilities.


Crescent City Port, CA. Japan Tsunami on March, 2011.

Coquimbo Port, Chile. Chilean Tsunami on September, 2015 4.5 m wave high.

Tsunamis can travel greats distance at a very high speed (approx. 500 mph).
In Puerto Rico

-Around **246,000** residents inside the tsunami exposed areas
-This is a **small island** rounded by sea
-We import **85%** of our food
-**90% of the import cargo** enters the island by boat through the port of **San Juan**
-On 2016, more than **1.3 million of tourist** arrive the Island by cruise ship
-A tsunami can be devastating for the **society** and the **economy** of Puerto Rico
When a tsunami hit the coast, it causes great damage and destruction in its way that can overcome the capacity of an agency, or an entity, to face the emergency through its own resources.
Is your agency prepare?

What things should you consider when it’s time to be prepare.

Start planning today.
Today is the day for planning, maybe tomorrow could be the day for respond.
Welcome

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TsunamiReady Program