



TROPICAL AMERICAS SAFE OCEAN CO-DESIGN WORKSHOP

TALLER DE CO-DISEÑO UN OCEANO SEGURO PARA LA REGION DE AMERICA TROPICAL

ATELIER COLLABORATIF DE SURÊTÉ DES OCÉANS DES AMÉRIQUES TROPICALES

TSUNAMIS 2030

MIKE ANGOVE

NOAA TSUNAMI PROGRAMME AND

UNESCO/IOC/TOWS CO-LEAD ON UN DECADE TSUNAMI PROGRAMME

One Planet, One Ocean / Un Planeta, Un Océano / Une planète, un océan

“Breaking down the Silos for More Effective Multi Hazard Early Warning”



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TSUNAMI DECADE PROGRAMME

THE PROBLEM

- The deadliest tsunamis strike FAST
- Tsunami alerts are issued within 5 minutes, but since they are usually based on preliminary seismic analysis alone large uncertainties exist and thus risk of ...

Over Warning ... Under Warning ... NO Warning!!

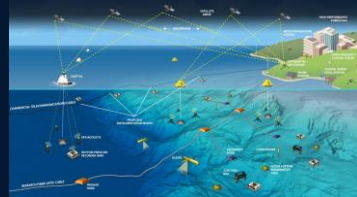
- Most coastal communities are not ready to respond

People Die

THE PROPOSAL:

- Increase direct tsunami observations by integrating more sensors from the deep ocean, land and sky - Positively detect and then FORECAST the wave FASTER
- All coastal communities get Tsunami Ready – PEOPLE will KNOW what to DO when SECONDS count

Program Sponsor: UNESCO IOC Working Group on Tsunamis and Other Hazards Related to Sea-Level Warning and Mitigation Systems (TOWS-WG)



Ocean scientists-Warning Officials-Emergency Management Officials-Community Leaders



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MUCHAS GRACIAS

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THANK YOU
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MERCI BEAUCOUP

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