

COMET® ON-LINE

TSUNAMI EDUCATION AND TRAINING

Saving lives during tsunami events requires a complex system of trained professionals, observational networks, data processing and communication systems, standardized products, and local response protocols. The COMET Program has developed materials to help all those involved in the public tsunami warning system become better consumers and communicators of tsunami warning information. The modules below are available at no cost to registered users. Registration is easy. Learn more at https://www.meted.ucar.edu/resources_faq.php.

Tsunamis

<http://www.meted.ucar.edu/tsunami/tsunamis/>

This module introduces the causes, initiation process, properties, propagation, inundation, and long-term effects of tsunamis. It is intended for anyone wanting a better understanding of how tsunamis begin and how they move across oceans.



Tsunami Warning Systems

<http://www.meted.ucar.edu/tsunami/warningsystem/>

The Tsunami Warning Systems module describes the processes involved in anticipating, detecting, and warning for a tsunami, including data collection, modeling, analysis, and alert procedures used at NOAA's Tsunami Warning Centers.



Community Tsunami Preparedness

<http://www.meted.ucar.edu/tsunami/community/>

http://www.meted.ucar.edu/tsunami/community_es/
(Spanish)

This module describes the appropriate steps to take in preparing communities to be tsunami ready while also providing a general overview of tsunami science and tsunami warning systems.

Tsunami Strike! Pacific Edition

<http://www.meted.ucar.edu/tsunami/strike/>

This module, designed for middle school/high school students, follows the story of a tsunami affecting the Pacific Ocean from the point of view of student characters, warning center scientists, and an emergency manager. Fourteen interactive multimedia lessons cover topics including tsunami sources, historical tsunamis, wave properties, force and momentum, tsunami detection, preparedness, and more. Science education standards alignments and teacher materials are included.

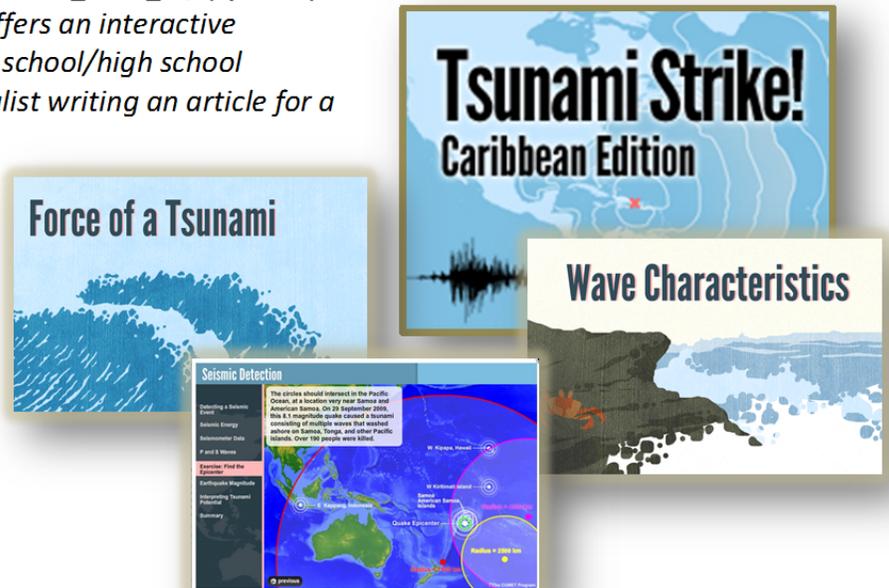


Tsunami Strike! Caribbean Edition

http://www.meted.ucar.edu/tsunami/strike_carib/

http://www.meted.ucar.edu/tsunami/strike_carib_es/ (Spanish)

Tsunami Strike! Caribbean Edition offers an interactive learning experience in which middle school/high school students take on the role of a journalist writing an article for a news magazine. Sixteen multimedia lessons examine Caribbean tsunami threats, historical tsunamis, wave properties, force and momentum, tsunami detection and modeling, tsunami preparedness, and more.



For more information about the COMET Program and to see additional topic areas, visit www.meted.ucar.edu

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