

# **Early Warning Communications System for the Kingdom of Tonga**

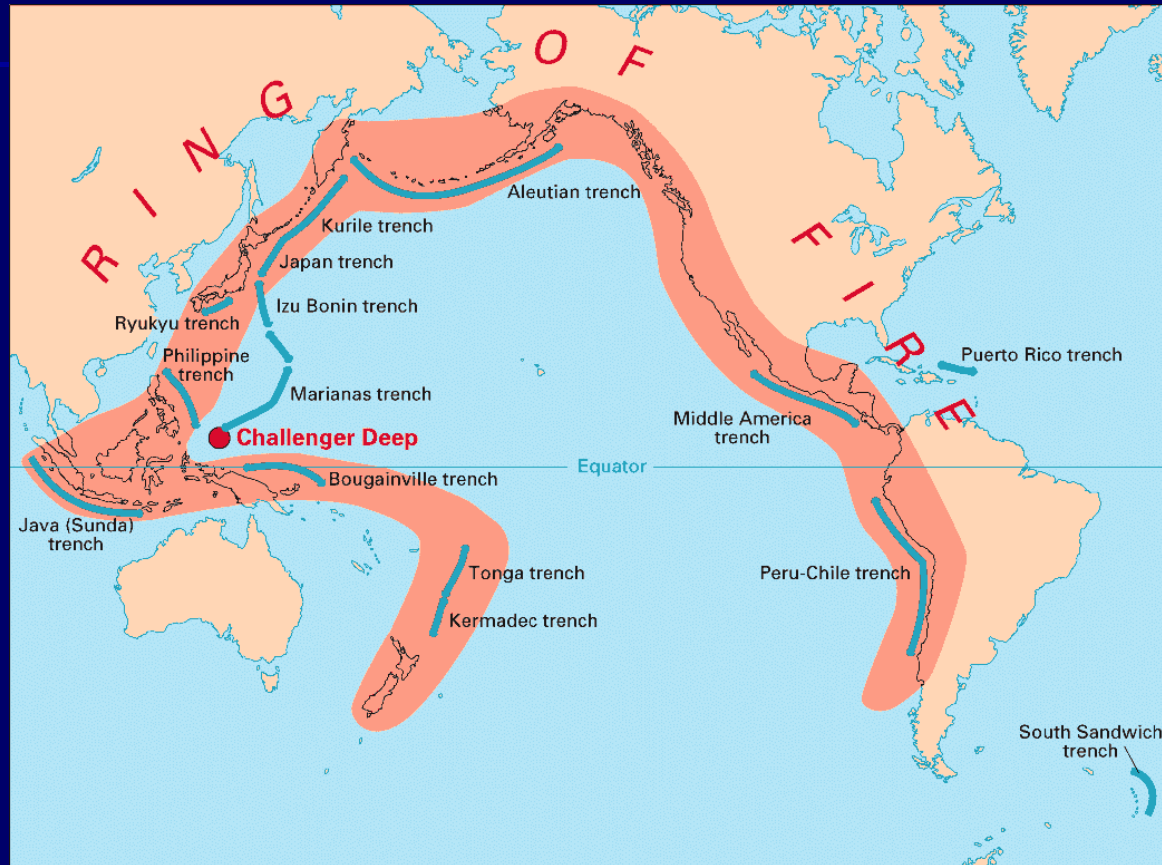
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# Geographical Background



Ring of fire

# Most Common Natural Hazard and their Impact

- Tropical Cyclone / Hurricane
- Storm Surge
- Earthquake
- Tsunami
- Volcanic Eruption
- Drought
- Tornado

# Types of Natural Hazards and their Impact



# Major Issues Facing Early Warning System and Disaster Management

- Communication Network
- Budget Constraints
- Dissemination Network
- Back-up Communication Network
- Infrequent Disasters – Decision Making Process
- Centralization of Disaster Management
- Vulnerability Network

# Project Objectives

- Enhance the quality of life and safety, particularly for people in remote areas by improving collection of meteorological and other data on a regular basis.
- Reliable synoptic reports, which result in more accurate severe weather and other warnings.
- Warnings received in remote locations in a timely and accurate manner.
- Preparedness of remote communities and less loss and damage to life and property.
- Educational and preparedness materials for use by local communities and others to help develop preparedness and awareness, before the annual cyclone seasons commence.
- Disseminate information of community health and agriculture issues.
- Encourage government and non government bodies to participate in using the network to spread information.