Vertical Evacuation Best Practices for the International Community

International Tsunami Information Center (ITIC), 17 August 2020

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Vertical evacuation may be a life-saving solution where natural high ground does not exist, or a local tsunami does not allow sufficient advance warning time to enable evacuate to high ground. Strong vertical evacuation buildings should provide a safe refuge for people to escape a tsunami. By simple definition, a vertical evacuation building is a structure with sufficient height and strength to resist tsunami wave effects.

In response to a request from the UNESCO IOC TOWS Inter-ICG Task Team on Disaster Management and Preparedness, ITIC has compiled international best practices in tsunami vertical evacuation. Highlights have been posted to the ITIC Vertical Evacuation web site http://itic.ioc-unesco.org/index.php?option=com_content&view=article&id=2070&Itemid=2927 and a complete listing is provided below. Best practices were categorized by country and the keywords engineering assessment, building code, mitigation, and response. Each reference contains a brief summary for rapid comprehension. A total of 117 references were found, and are listed below. USA, Japan, and Indonesia had the most references.

ITIC welcomes additional contributions to this compilation (please send to itic.tsunami@noaa.gov)

References, as of 17 August 2020
EndNoteX9, Unedited APA 6th Format
Keywords: Engineering Assessment, Response, Mitigation, Building Code

Ocean	References per Ocean	Country	References per Country
General	9	Building Code	6
		General Countries	3
Pacific	79	Australia	1
		Canada	3
		Chile	6
		China	4
		Ecuador	1
		Japan	12
		South Korea	2
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Indian	26	Indian Ocean Region	1
		India	3
		Indonesia	20
		Maldives, Thailand, Indonesia, Sri Lanka	1
		Sri Lanka	1
North Atlantic and Mediterranean	3	Morocco	1
		Turkey	1
		Europe	1

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