

REFERENCES

- Bryant, E. (2008). *Tsunami- The Underrated Hazard* (Second ed.). (P. Blondel, Ed.) New South Wales, Australia: Springer- Praxis Publishing, Chichester, UK.
- CCD. (2007). *Technical Guidelines for the Establishment of a Coastal Greenbelt*. Coastal Conservation Department. The World Conservation Union (IUCN), Sri Lanka Country office.
- Dahdouh-Guebas, F., Jayatissa, L., Di Nitto, D., Bosire, J., Lo Seen, D., & Koedam, N. (2005). How effective were mangroves as a defence against the recent tsunami? *Current Biology*, 15 (12), R444-R446.
- Danielsen, F., Sørensen, M., Olwig, M., Selvam, V., Parish, F., Burgess, N., et al. (2005). The Asian Tsunami: A Protective role for Coastal Vegetation. *SCIENCE*, 310, 643.
- De Silva, G. (2005, February). Mangrove as a Tsunami Buffer- Is it a Myth? *Adoh Magazine*.
- Dorren, L. K., & Berger, F. (2005). Stem Breakage of trees and energy dissipation during rockfall impact. *Tree Physiology*, 26, 63-71.
- Forbes, K., & Broadhead, J. (2007). *The role of coastal forests in the mitigation of tsunami impacts*. Bangkok: Food and Agricultural Organization of the United Nations, Regional office for Asia and Pacific.
- Goff, J., Liu, P. L., Higman, B., Morton, R., Jaffe, B., Fernando, H., et al. (2006). Sri Lanka Field Survey after the December 2004 Indian Ocean Tsunami. *Earthquake Spectra*, 22 (S3), S155 - S172.
- Harada, K., & Imamura, F. (2001, October 18-21). Experimental study on the resistance by Mangrove under the unsteady flow. *Asian and Pacific Coastal Engineering 2001*, pp. 975 - 984.
- Harada, K., & Imamura, F. (2005). Effects of Coastal Forest on Tsunami Hazard Mitigation- A Preliminary Investigation. In K. Satake (Ed.), *Tsunamis: Case Studies and Recent Developments* (pp. 279-292). Springer.
- Hettiarachchi, S., & Samarawickrama, S. (2006). The Tsunami Hazard in Sri Lanka: a strategic approach for the protection of lives, ecosystems and infrastructure. *Journal of National Science Foundation Sri Lanka*, 34 (1), 7-14.
- Hettiarachchi, S., Samarawickrama, S., & Ratnasooriya, A. (2009). Investigations on the use of bio shields against tsunami hazards. *Symposium on 'Promoting Knowledge Transfer to Strengthen Disaster Risk Reduction & Climate Change Adaptation'*. Colombo: Disaster Management Centre (DMC) and UNDP.

- Imamura, F., Koshimura, S., Goto, K., Yanagisawa, H., & Iwabuchi, Y. (2006). Global Disaster: The 2004 Indian Ocean Tsunami. *Journal of Disaster Ressearch* , 1 (1).
- Irtem, E., Gedik, N., Kabdasli, M. S., & Yasa, N. E. (2009). Coastal forest effect on tsunami run-up heights. *Ocean Engineering* , 36, 313-320.
- Jinadasa, S., & Wijerathna, E. (2005). Assesment of geomorphological influences to protect the tsunami hazardous at south eastern belt of Sri Lanka. In B. H. Choi, S. Yoon, & K. Suh (Ed.), *Sumatra Tsunami on 26 December 2004, Asian and Pasific Coasts 2005* (pp. 107-111). Jeju, Korea: Hanrimwon Publishing Co.
- JWRC. (2008). *Assesment of the tsunami mitigation functions of coastal forests/trees and proposal for appropriate forest management Sri Lanka*. Japan Wildlife Research Center.
- Kandasamy, K., & Narayanasamy, R. (2005). Retrieved August 17, 2010, from Science` Direct: <http://www.sciencedirect.com>
- Kathiresan, K. (2003). How do mangrove forests induce sedimentation? *Biol. Trop.* , 51 (2), 355-360.
- Kathiresan, K., & Rajendran, N. (2005). Coastal mangrove forests mitigated tsunami. *Estuarine, Coastal and Shelf Science* , 65, 601-606.
- Latief, H., & Hadi, S. (2006). Thematic paper: The role of forests and trees in protecting coastal areas against tsunamis. In B. Susan , F. Serena , B. Jeremy, & L. Robin (Ed.), *Coastal protection in the aftermath of the Indian Ocean tsunami: What role for forests and trees?* (pp. 5-13). Khao Lak, Thailand: RAP publications 2007/07.
- Mazda, Y., Magi, M., Kogo, M., & Hong, P. N. (1997). Mangroves as a coastal protection from waves in the Tong King Delta, Vietnam. *Mangrove and Salt Marshes* , 1, 127-135.
- Nandasena, N., Tanaka, N., & Tanimoto, K. (2008). Tsunami Current Inundation of Ground with Coastal Vegetation Effects: An Initial step towards a natural solution for Tsunami Amelioration. *Journal of Earthquake and Tsunami* , 2 (2), 157-171.
- Nandasena, N., Tanaka, N., & Tanimoto, K. (2008). Perspective of coastal vegetation patches with topograhly variations for tsunami protection in 2D-numerical modelling. *Annual Journal of Hydraulic Engineering* , 133-138.
- Ratnasooriya, A., Samarawickrama, S., Hettiarachchi, S., & Bandara, R. (2008). Mitigation of tsunami inundation by Coastal Vegetation. "Engineer", *Journal of the Institution of Engineers ,Sri Lanka* .

- Srinivas, H., & Nakagawa, Y. (2008). Environmental implications for disaster preparedness: Lessons learnt from the Indian Ocean Tsunami. *Journal of Environmental Management*, 89, 4-13.
- Tanaka, N., Sasaki, Y., Mowjood, M., Jinadasa, K., & Homchuen, S. (2006). Coastal Vegetation structures and their functions in tsunami protection: experience of the recent Indian Ocean tsunami. *International Consortium of Landscape and Ecological Engineering and Springer*. Springer.
- Tanaka, N., & Sasaki, Y. (2006, March). Effects and limitations of the Coastal Vegetation in Sri Lanka and Thailand at the Indian Ocean Tsunami. *Research Report of Department of Civil & Environmental Engineering, Faculty of Engineering, Saitama University*, 34, pp. 7-16.
- Tanaka, N., Nandasena, N., Jinadasa, K., Sasaki, Y., Tanimoto, K., & Mowjood, M. (2009). Developing Effective Vegetation Bioshield for Tsunami Protection. *Civil Engineering and Environmental Systems*, 26 (2), 163-180.
- Tanaka, N., & Yagisawa, J. (2009). Effect of tree characteristics and substrate condition on critical breaking moment of trees due to heavy flooding. *Landscape and Ecological Engineering*, 5 (1), 59-70.
- Takahashi, S. (2009). *Mitigation of Tsunami Disasters in Ports*. PIANC report 2009, Draft Version III, PIANC WORKING GROUP 53.
- UNEP. (2005). *After the tsunami- Rapid Environment Assessment*. United Nations Environment Programme.
- UNEP, & MENR. (2005). *Sri Lanka- Post tsunami environmental assesement*. United Nations Environmental Programme and Ministry of Environment and Nature Resources of Sri Lanka.
- Wagner, C. G. (2006, January-February). Corals protect coasts from Tsunami. *The Futurist*, p. 15.