

## Contents

GOFF, J. R. & TERRY, J. P. Living with natural hazards in the Asia–Pacific region	1
TERRY, J. P. & GOFF, J. R. The special vulnerability of Asia–Pacific islands to natural hazards	3
LIM, H. S. & BOOCHABUN, K. Flood generation during the SW monsoon season in northern Thailand	7
ETIENNE, S. Marine inundation hazards in French Polynesia: geomorphic impacts of Tropical Cyclone Oli in February 2010	21
SU, C.-C., TSENG, J.-Y., HSU, H.-H., CHIANG, C.-S., YU, H.-S., LIN, S. & LIU, J. T. Records of submarine natural hazards off SW Taiwan	41
SWITZER, A. D., SRINIVASALU, S., THANGADURAI, N. & MOHAN, V. R. Bedding structures in Indian tsunami deposits that provide clues to the dynamics of tsunami inundation	61
GIACHETTI, T., PARIS, R., KELFOUN, K. & ONTOWIRJO, B. Tsunami hazard related to a flank collapse of Anak Krakatau Volcano, Sunda Strait, Indonesia	79
JOHNSTON, J. B., BIRD, D. K., GOFF, J. R. & DUDLEY, W. C. An examination of hazard communication logs and public response during the 1946 and 1960 tsunamis that impacted Hilo, Hawaii	91
ZIEGLER, A. D., SIDLE, R. C., SONG, M. S., ANG, Z. J. & DUANGNAMON, D. Towards better design and management of tsunami evacuation routes: a case study of Ao Jak Beach Road	107
TARBOTTON, C., DOMINEY-HOWES, D., GOFF, J. R., PAPATHOMA-KOHLER, M., DALL’OSSO, F. & TURNER, I. L. GIS-based techniques for assessing the vulnerability of buildings to tsunami: current approaches and future steps	115
WONG, P. P. Impacts, recovery and resilience of Thai tourist coasts to the 2004 Indian Ocean Tsunami	127
WINSPEAR, N., MUSULIN, R. & SHARMA, M. Earthquake catastrophe models in disaster response planning, risk mitigation and financing in developing countries in Asia	139
LAGMAY, A. M. F., RODOLFO, R., CABRIA, H., SORIA, J., ZAMORA, P., ABON, C., LIT, C., LAPUS, M. R. T., PAGUICAN, E., BATO, M. G., TIU, G., OBILLE, E., PELLEJERA, N. E., FRANCISCO, P. C., ECO, R. N. & AVISO, J. Geological hazards of SW Natib Volcano, site of the Bataan Nuclear Power Plant, the Philippines	151
MEI, E. T. W. & LAVIGNE, F. Influence of the institutional and socio-economic context for responding to disasters: case study of the 1994 and 2006 eruptions of the Merapi Volcano, Indonesia	171
FENG, C.-C. & TERRY, J. P. Exploratory spatial analysis of typhoon characteristics in the North Pacific basin	187
GIENKO, G. A. & TERRY, J. P. Geovisualization of tropical cyclone behaviour in the South Pacific	195
GOFF, J. R., CHAGUÉ-GOFF, C. & TERRY, J. P. The value of a Pacific-wide tsunami database to risk reduction: putting theory into practice	209
Index	221