

Contents

1	Introduction—Overview of Natural Disasters and Coastal Landforms.	1
	Shigeko Haruyama	
2	Geomorphology and Tectonic Setting of the Sanriku Coast, Northeastern Japan, and Introduction of Recent Studies on the Formation of Alluvial Plains and Holocene Crustal Movements Along the Coast.	15
	Yuichi Niwa and Toshihiko Sugai	
3	Coastal Geomorphology and Tsunami Disaster by the 2011 off the Pacific Coast of Tohoku Earthquake.	37
	Tomoya Abe and Kazuaki Hori	
4	Relationships Between Coastal and Fluvial Geomorphology and Inundation Processes of the Tsunami Flow Caused by the 2011 off the Pacific Coast of Tohoku Earthquake.	65
	Hiroshi Shimazu	
5	Distribution of Liquefaction Sites and Coastal Alluvium in Japan.	93
	Toshihiko Sugai and Keita Honda	
6	Landform and Vulnerability for Disaster in Land Use Changing.	113
	Shigeko Haruyama	
7	Reconstructing Areas Affected by the Great East Japan Earthquake Disaster: Progress and Challenges.	133
	Shizuka Hashimoto	
	Index.	163

Natural Disaster and Coastal Geomorphology

Haruyama, S.; Sugai, T. (Eds.)

2016, XIII, 165 p. 102 illus., 33 illus. in color., Hardcover

ISBN: 978-3-319-33812-5