

## East Japan Earthquake and Tsunami

*Evacuation, Communication, Education and Volunteerism*

### Editors

**Rajib Shaw and Yukiko Takeuchi**

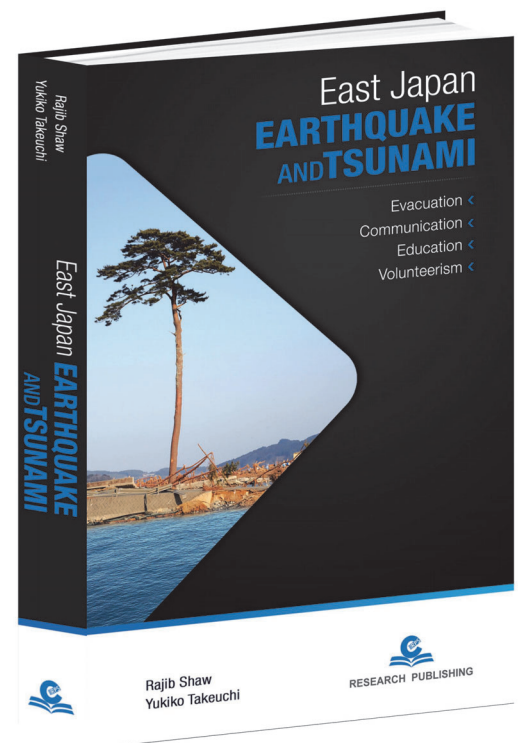
*Kyoto University, Japan*

The East Japan earthquake and tsunami is one of the most devastated disasters, Japan has experienced after the World War II. Due to its scale, diversity and nature, the recovery lessons will be quite extensive and dynamic. The earthquake has damaged significantly the educational facilities in all three hardest hit prefectures: Iwate, Miyagi and Fukushima. There are different issues related to post disaster recovery. Evacuation behavior, communication, education and volunteer roles are some of the key elements which need to be emphasized, and the lessons learned can be utilized not only to the recovery of Tohoku region, but for other parts of Japan and the world. The book aims to draw the key lessons on the above four issues, especially from the viewpoint of community participation.

### Table of Contents

- Chapter 1: Introduction and Overview of East Japan Earthquake and Tsunami  
*Rajib Shaw and Yukiko Takeuchi*
- Chapter 2: Review of Countermeasures in the East Japan Earthquake and Tsunami  
*Mikio Ishiwatari*
- Chapter 3: Evacuation Behavior and its Implication: Case of Kamaishi  
*Yuta Suda, Rajib Shaw and Yukiko Takeuchi*
- Chapter 4: Green Belt and its Implication: Case of Yuriage  
*Yusuke Noguchi, Rajib Shaw and Yukiko Takeuchi*
- Chapter 5: Post Disaster Communication and Role of FM Radio: Case of Natori  
*Ai Ideta, Rajib Shaw, Yukiko Takeuchi*
- Chapter 6: Role of Social Media in East Japan Earthquake and Tsunami  
*Brett Peary, Rajib Shaw, Yukiko Takeuchi*
- Chapter 7: Damages to Education Sector and its Recovery  
*Yukiko Takeuchi and Rajib Shaw*
- Chapter 8: Education for Sustainable Development and its Implications to Recovery Process in Kesenuma  
*Yukihiko Oikawa*
- Chapter 9: Development of Education for Natural Disaster Preparedness and Reduction at School Linking to the Community  
*Masakazu Goto and Nobumitsu Ahara*
- Chapter 10: School Damages from Asian Countries and its Implication to Tohoku Recovery  
*Glenn Fernandez, Rajib Shaw and Yukiko Takeuchi*
- Chapter 11: Volunteers and Youth Role in Post Disaster Scenario : Role of Miyagi University of Education  
*Yoshikichi Abe and Tomonori Ichinose*
- Chapter 12: A Soft Volunteerism in Super-extensive Disaster: Case of Noda  
*Motohiko Nagata*
- Chapter 13: Towards Long Term Recovery after the Mega Disaster  
*Rajib Shaw and Yukiko Takeuchi*

**Readership:** Researchers, students and academicians in the field of disaster risk reduction and recovery process, and related practitioners and policy makers.



**ISBN: 978-981-07-0186-4 (hardbound)**

**Pages: 288 pp (17 color figures)**

**Year : 2012**

**Price: US\$ 56 / € 45**

