

Publication list (as of Mar. 31, 2016)

- 1) Iuchi, K. and Maly, L. (Forthcoming). Residential relocation processes in coastal areas: Tacloban City after Typhoon Yolanda. In Post-disaster housing, ed. by Sapat A., and Esnard, A.M., Boca Raton: CRC Press.
- 2) Toshio Hattori, Haorile Chagan-Yasutan, Beata Shiratori, Shinichi Egawa, Takako Izumi, Toru Kubo, Chie Nakajima, Yasuhiko Suzuki, Toshiro Niki, Bacht Alisjahbana and Elizabeth Telan (2016) "Development of point-of-care testing for disaster-related infectious diseases" *Tohoku J Exp Med*, In press.
- 3) Combined antibody and DNA detection for early diagnosis of leptospirosis after a disaster. Iwasaki H, Chagan-Yasutan H, Leano PS, Koizumi N, Nakajima C, Taurustiati D, Hanan F, Lacuesta TL, Ashino Y, Suzuki Y, Gloriani NG, Telan EF, Hattori T. *Diagn Microbiol Infect Dis*. 2016 Jan 8. doi: 10.1016/j.diagmicrobio.2016.01.001. In press.
- 4) Kure S., Y. Jibiki, K. Iuchi, and K. Udo (2016) "Overview of Super Typhoon Haiyan and characteristics of human damage due to its storm surge in the coastal region, Philippines" *Journal of Coastal Research*, No.75, pp.1152-1156.
- 5) Jibiki, Y., Kure, S., Kuri, M., and Ono, Y. (2016) "Analysis of early warning systems: the case of super-typhoon Haiyan" *International Journal of Disaster Risk Reduction*, Vol.15, pp.24-28.
- 6) Kure S., Y. Jibiki, M. Quimpo, U. Manalo, Y. Ono, and A. Mano (2016) Evaluation of the characteristics of human loss and building damage and reasons for the magnification of damage due to Typhoon Haiyan" *Coastal Engineering Journal*, Vol.58, No.1, pp.1640008-35.
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- 9) B. Adriano, E. Mas, S. Koshimura, H. Gokon, Wen Liu and M. Matsuoka (2015). "Developing a method for urban damage mapping using radar signatures of building footprint in SAR imagery: A case study after the 2013 Super Typhoon Haiyan," In *Geoscience and Remote Sensing Symposium (IGARSS), 2015 IEEE International*, Milan, pp. 3579-3582.
- 10) B. Adriano, E. Mas and S. Koshimura (2015). "Buildings damage due to the 2013 Haiyan Typhoon inferred from SAR intensity images," In *Synthetic Aperture Radar (AP SAR), 2015 IEEE 5th Asia-Pacific Conference on*, Singapore, pp. 667-671.
- 11) A. SUPPASRI, C. J. YI, N. LEELAWAT, M. WATANABE, J. D. BRICKER and F. IMAMURA (2015) "Field Survey and Analysis of Damaged School Buildings by the 2013 Typhoon Haiyan and Storm Surge" *Journal of Japan Society of Civil Engineers*, Ser. B2 (Coastal Engineering), Vol. 71, No. 2, I_1669-I_1674.
- 12) Yasuda, M. Yi, Carine J., Nouchi, R., and Suppasri, A., A practical application of a children's disaster prevention education program in the Philippines, *Proceeding of the SAFE 2015*.
- 13) Carine. J. Yi. M. Yasuda, A. Suppasri, and F. Imamura, Survey of school damages and the initial stage

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- 14) Roeber V. and J. D. Bricker (2015) "Destructive tsunami-like wave generated by surf beat over a coral reef during Typhoon Haiyan" *Nature Communications* 6, No.7854.
- 15) Leelawat, N., Suppasri, A., Kure, S., Yi, C. J., Mateo, C. M R. and Imamura, F. (2015) Disaster Warning System in the Philippines through Enterprise Engineering Perspective: A Study on the 2013 Super Typhoon Haiyan, *Journal of Disaster Research*, 10 (6), 1041-1050.
- 16) Yi, C.J., Suppasri, A., **Kure, S.**, Bricker, J.D., Mas, E., Quimpo, M., and Yasuda, M. (2015). "Storm Surge Mapping due to Typhoon Haiyan and its impacts in Tanauan, Philippines" *International Journal of Disaster Risk Reduction*, Vol.13, pp.207-214.
- 17) Mas E., J.D. Bricker, S. Kure, B. Adriano, C.J. Yi, A. Suppasri, and S. Koshimura (2015). "Field survey report and satellite image interpretation of the 2013 Super Typhoon Haiyan in the Philippines" *Natural Hazards and Earth System Sciences*, Vol.15, pp.805-816.
- 18) Bricker, J.D., and Roeber, V. (2015). "Mechanisms of Damage During Typhoon Haiyan: Storm Surge, Waves, and "Tsunami-like" Surf Beat." *Proceedings of the 36th IAHR World Congress*, The Hauge, Netherlands.
- 19) Leelawat, N., Suppasri, A., Yasuda, M., Nouchi, R., Yi, C. J., Imamura, F. and Iijima, J. (2015) Disaster and Education Toward a Sustainable and Safety Society: Disaster Education Programs in Thailand and the Philippines, *The Fourth International Education Forum on Environment and Energy Science*, Maui, Hawaii, USA, 6-10 December 2015.
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- 21) Mas, E., Bricker, J.D., Kure, S., Adriano, B., Yi, C., Suppasri, A., Koshimura, S. (2015). A report on the post-2013 Super Typhoon Yolanda field survey and rapid building damage interpretation using satellite images. *International Conference on Building Resilience and Developing Sustainability*, Cordillera Studies Center, University of the Philippines Baguio. Baguio City, Philippines. January 14-17, 2015.
- 22) Adriano, B., E., Mas, H. Gokon, S. Koshimura (2015). "Impact of the 2013 Haiyan event inferred from the change of SAR intensity images" *International Conference on Building Resilience and Developing Sustainability*, Cordillera Studies Center, University of the Philippines Baguio. Baguio City, Philippines.
- 23) Kato K., S. Kure, K. Udo, and A. Mano. (2015). "Quantitative evaluation of human and building damage in the Leyte island of the Philippines by typhoon No.1330 (Haiyan)" *Tohoku Journal of Natural Disaster Science*, Vol.51. (In Japanese)
- 24) Mari Y., F. Imamura, A. Suppasri, R. Nouchi, and C. Yi (2015). "Practical Education program in affected areas for improving response capability to survive from storm surge" *Tohoku Journal of Natural Disaster Science*, Vol.51. (In Japanese)
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- 26) Leelawat, N., C. M. R. Mateo, S. M. Gaspay, A. Suppasri and F. Imamura (2014). "Filipinos' Views on the Disaster Information for the 2013 Super Typhoon Haiyan in the Philippines" *International Journal of Sustainable Future for Human Security*, 2, pp. 16-28.
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- 28) Tomita H. (2014). "Perspectives on Researches in Disaster Psychiatry", *Psychiatria et Neurologia Japonica*, Vol.116, No.3, pp.231-236. (In Japanese with English abstract)
- 29) Tomita H. and Ursano RJ. (2014). "Breakout session 3 summary: psychosocial/mental health concerns and building community resilience" *Disaster Med Public Health Prep*, 8(4), pp.363-365.
- 30) Bricker J., H. Takagi, E. Mas, S. Kure, B. Adriano, C.J. Yi, and V. Roeber (2014). "Spatial variation of damage due to storm surge and waves during Typhoon Haiyan in the Philippines" *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, Vol.70, No.2, pp.I_231-I_235.
- 31) Kure S., S. Anawat, C.J. Yi, E. Mas, J.D. Bricker, S. Koshimura, and A. Mano (2014). "Human loss due to storm surge disaster caused by typhoon Haiyan in the coastal region of Leyte island" *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, Vol.70, No.2, pp.I_1446-I_1450. (In Japanese with English abstract)
- 32) Mas E., S. Kure, J.D. Bricker, B. Adriano, C.J. Yi, A. Suppasri, and S. Koshimura (2014). "Field survey and damage inspection after the 2013 Typhoon Haiyan in The Philippines" *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, Vo. 70, No.2, pp.I_1451-I_1455.
- 33) Adriano B., H. Gokon, E. Mas, S. Koshimura, W. Liu and M. Matsuoka (2014). "Extraction of damaged areas due to the 2013 Haiyan Typhoon using ASTER data," In *Geoscience and Remote Sensing Symposium (IGARSS), 2014 IEEE International*, Quebec City, QC, pp. 2154-2157.
- 34) Liu W., M. Matsuoka, B. Adriano, E. Mas and S. Koshimura (2014). "Damage detection due to the typhoon Haiyan from high-resolution SAR images," In *Geoscience and Remote Sensing Symposium (IGARSS), 2014 IEEE International*, Quebec City, QC, pp. 4828-4831.
- 35) Adriano B., H. Gokon, E. Mas, S. Koshimura, W. Liu, M. Matsuoka (2014). "Application of a phase-based correlation Method to extract damage areas, case of Study: 2013 Haiyan Typhoon," *Proceedings of the 14th Japan Earthquake Engineering Symposium*, Chiba, pp. 2513-2517.
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