

## List of publications (other than EEFIT reports) generated from EEFIT missions

### General

Booth, ED et al., [EEFIT: the UK Earthquake Engineering Field Investigation Team](#). Proceedings of the Institution of Civil Engineers: Forensic Engineering. Vol 164 Iss FE3, August 2011 pp117-123

Spence R (2010) [Archiving and reassessing earthquake impact data](#). Proceedings of 14th European Conference on Earthquake Engineering, Ohrid, Macedonia. Paper 236

Rossetto, T (2006) Validation of a New Analytical Procedure for the Derivation of Displacement-based Vulnerability Curves. In: (Proceedings) First European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland. European Association for Earthquake Engineering and European Seismological Commission: Istanbul, Turkey.

Rossetto, T and Elnashai, A (2003) Derivation of vulnerability functions for European-type RC structures based on observational data. ENG STRUCT, 25 (10) 1241 - 1263. 10.1016/S0141-0296(03)00060-9.

<http://www.sciencedirect.com/science/article/pii/S0141029603000609>

Rossetto, T and Borg, RP and Kappos, AJ and Kouris, L and Indirli, M and Lloyd, TO and Sword-Daniels, V Comparison of damage assessment methodologies for different hazards. In: Urban Habitat Constructions Under Catastrophic Events - Final Report. Mazzolani, F.M. (Ed). CRC Press. ISBN:978-0-415-60686-8

### 2016 Kumamoto, Japan Earthquakes

Goda, K et al. The 2016 Kumamoto Earthquakes: Cascading Geological Hazards and Compounding Risks. Frontiers in Built Environment.

<http://journal.frontiersin.org/article/10.3389/fbuil.2016.00019/full>

### 2016 Muisne, Ecuador Earthquake

Franco, G et al. The April 16 2016 MW7.8 Muisne Earthquake in Ecuador – Preliminary Observations from the EEFIT Reconnaissance Mission of May 24 - June 7. Prepared for 16<sup>th</sup> World Conference in Earthquake Engineering.

### 2015 Gorkha, Nepal Earthquake

The 2015 Gorkha Nepal earthquake: insights from earthquake damage survey

<http://journal.frontiersin.org/article/10.3389/fbuil.2015.00008/full>

Reconnaissance report on geotechnical and structural damage caused by the 2015 Gorkha Earthquake, Nepal.

<http://www.sciencedirect.com/science/article/pii/S0038080615001080>

### 2013 Return mission to Japan

Raby et al. The Impact of the 2011 Great East Japan Earthquake and Tsunami on Tsunami Design Procedures for Coastal Defences – in preparation Nov 2014

Macabuag et al. Tsunami Design Procedures for Engineered Buildings in the Advent of the 2011 Great East Japan Earthquake – in preparation Nov 2014, possibly for Natural Hazards

Platt, S. and So, E. (2014) Speed or deliberation – a comparison of post disaster recovery in Japan, Turkey and Chile. 2ECEES Conference Istanbul August 2014

Platt, S. and So, E. (2014) Thinking Fast Thinking Slow: bridging the gap between research and practice in disaster management. Disasters (forthcoming)

Platt, S. and So, E. (2014) Speed or deliberation – a comparison of post-disaster recovery in Japan, Turkey and Chile. Disasters (forthcoming)

Platt, S (2014) Disaster Recovery: tools and case studies. Springer (forthcoming)

Crawford, CA and Faure Walker J, Transitional shelter strategies in context: cash, private insurance, rental subsidies, private, public and temporary housing after the Great Eastern Japan Earthquake and Tsunami (GEJET). (Journal of Disasters – forthcoming)

### **2012 Return mission to L'Aquila, Italy**

The value of multiple earthquake missions: the EEFIT L'Aquila Earthquake experience  
<http://link.springer.com/article/10.1007/s10518-014-9588-y>

### **Tohoku Japan earthquake, 10<sup>th</sup> March 2011**

Fraser, S., Pomonis, A., Raby, A., Goda, K., Chian, S. C., Macabuag, J., Offord, M., Saito, K., and Sammonds, P. (2013). Tsunami damage to coastal defences and buildings in the March 11th 2011 Mw9.0 Great East Japan earthquake and tsunami. Bulletin of Earthquake Engineering, 11(1), 205-239 (doi: 10.1007/s10518-012-9348-9).  
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Goda, K., Pomonis, A., Chian, S. C., Offord, M., Saito, K., Sammonds, P., Fraser, S., Raby, A., and Macabuag, J. (2013). Ground motion characteristics and shaking damage of the 11th March 2011 Mw9.0 Great East Japan earthquake. Bulletin of Earthquake Engineering, 11(1), 141-170 (doi: 10.1007/s10518-012-9371-x). <http://link.springer.com/article/10.1007/s10518-012-9371-x>

Goda, K., Dasiewicz, I., Li, S., Quinn, M., and Zhang, J. (2013). Tsunami casualty mitigation through vertical evacuation buildings: a case study from the March 11th 2011 Tohoku earthquake. 5th International Conference on Forensic Engineering, London, United Kingdom

Chian, S. C., Pomonis, A., Saito, K., Fraser, S., Goda, K., Macabuag, J., Offord, M., Raby, A., and Sammonds, P. (2012). Post earthquake field investigation of the MW9.0 Tohoku earthquake of 11th March 2011. 15th World Conference on Earthquake Engineering (15WCEE), Lisbon, Portugal, Paper 0521

Goda, K., Chian, S. C., Fraser, S., Macabuag, J., Offord, M., Pomonis, A., Raby, A., Saito, K., and Sammonds, P. (2012). EEFIT field observations and lessons from the 11th March 2011 Mw9.0 Tohoku earthquake: ground motion and shaking damage. 15th World Conference on Earthquake Engineering (15WCEE), Lisbon, Portugal, Paper 0139

Raby, A., Macabuag, J., Pomonis, A., Wilkinson, S., Rossetto, T., [Implications of the 2011 Great East Japan Tsunami on sea defence design](#). International Journal of Disaster Reduction.

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### **Christchurch, New Zealand earthquake, 22<sup>nd</sup> February 2011**

Wilkinson S, Grant D, Williams E, Paganoni S, Fraser S, Boon D, Mason A, Free M. Observations and Implications of Damage From The Magnitude Mw 6.3 Christchurch, New Zealand Earthquake of 22<sup>nd</sup> February 2011. Bulletin of Earthquake Engineering 2012. <http://link.springer.com/article/10.1007/s10518-012-9384-5>  
open access version: [http://nora.nerc.ac.uk/501900/1/BEEE6371\\_NORA\\_Version.pdf](http://nora.nerc.ac.uk/501900/1/BEEE6371_NORA_Version.pdf)

### **Haiti earthquake of 12 January 2010**

Madhabushi, G, Booth E and Saito K (2011). The Haiti earthquake of 2010. Bulletin of Earthquake Engineering (in preparation). [http://www.springerlink.com/content/1570-761x/preprint/?sort=p\\_OnlineDate&sortorder=desc&o=10](http://www.springerlink.com/content/1570-761x/preprint/?sort=p_OnlineDate&sortorder=desc&o=10)

Booth E.D, Saito K, Spence R, Madabhushi G and Eguchi R. (2011). Validating assessments of seismic damage made from remote sensing. Earthquake Spectra, Special edition on Haiti earthquake, in press.  
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Madabhushi, S.P.G., Saito, K. and Booth, E., (2011), Post-earthquake field mission to Haiti, Proc. 9<sup>th</sup> Pacific Conference on Earthquake Engineering, Vol.1, pp 181-186, Auckland, New Zealand <http://db.nzsee.org.nz/2011/183.pdf>

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### **Padang Earthquake of 30th September 2009**

Chian, S.C., J. Whittle, R. Mulyani, J.E. Alarcon, S.M. Wilkinson (2010). Post earthquake field investigation of the Mw 7.69 Padang Earthquake of 30th September 2009. Proceedings of the 14 European Conference of Earthquake Engineering. Paper 1372.  
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Feasibility of Remote Sensing for Multihazard Analysis of Landslides in Padang Pariaman during the 2009 Padang Earthquake  
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### **Aquila, Italy earthquake of 6 April 2009**

Rossetto, T., Peiris, N., Alarcon, J.E., So, E., Sargeant, S., Free, M., Sword-Daniels, V., Del Re, D., Libberton, C., Verrucci, E., Sammonds, P., and Faure Walker, J. (2011). Field observations from the Aquila, Italy earthquake of April 6, 2009. *Bulletin of Earthquake Engineering*, 9 (1): 11-37, DOI: 10.1007/s10518-010-9221-7  
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### **Wenchuan, China Earthquake of 12 May 2008**

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### **Pisco, Peru, earthquake of 15 August 2007**

Tavera, H., I. Bernal, F.O. Strasser, M. C. Arango-Gaviria, J. E. Alarcon and J. J. Bommer (2009). Ground motions observed during the 15 August 2007 Pisco, Peru, earthquake. *Bulletin of Earthquake Engineering* 7(1), 71-111  
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### **Folkestone, UK earthquake of 28 April 2007**

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### **Kashmir, Pakistan earthquake of 8 October 2005**

Coelho PALF, Haigh SK, Madabhushi SPG and O'Brien AS (2007) Post-earthquake behaviour of footings when using densification as a liquefaction resistance measure. Ground Improvement Journal 11(1): 45–53.

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### **Indian Ocean Tsunami of 26 December 2004**

T. Rossetto, N. Peiris, A. Pomonis, S. M. Wilkinson, D. Del Re, R. Koo, S. Gallocher. The Indian Ocean tsunami of December 26, 2004: Observations in Sri Lanka and Thailand. Nat Hazards DOI 10.1007/s11069-006-9064-3

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### **Bhuj, India earthquake of 26 January 2001**

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#### **Ji-Ji Taiwan earthquake of 21 September 1999**

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#### **Kocaeli, Turkey earthquake of 17 August 1999**

Brennan AJ and Madabhushi SPG (2002) Effectiveness of vertical drains in mitigation of liquefaction. *International Journal of Soil Dynamics and Earthquake Engineering* 22(9–12): 1059–1065.

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#### **Northridge, California USA earthquake of 17 January 1994**

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#### **Newcastle, Australia earthquake of 28 December 1989**

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#### **Mexico earthquake of 19 September 1985**

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