



engineers without borders ireland



**Randolph Langenbach**  
Conservationtech



**Martijn Schildkamp**  
Smart Shelter Foundation



**Kubilây Hiçyılmaz**  
Arup

# Seismic Summit

**Dublin, Ireland, 14th March 2018**

*Wood Quay Venue, | DCC Civic Offices, | 09:00 to 15:00*

*A one day gathering of internationally recognised experts in the fields of  
Seismic Engineering, Post-Earthquake Reconstruction and Building Conservation*



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### **Randolph Langenbach** (Conservationtech)

Over 40 years of experience in the field of building conservation and construction technology. Specialist in earthquake retrofit of historic structures, conservation of masonry buildings, post-disaster damage assessment and repair, development of innovative strategies for cost-effective rehabilitation and historic preservation.

He has served as a consultant to UNESCO in Turkey, Georgia, India and Iran; to the World Monuments Fund in Iran and Haiti; to UN-HABITAT in Pakistan after both the 2005 earthquake and the 2010 floods; and to the Turquoise Mountain Foundation in Afghanistan. He has documented the damage to historical structures in India from the Bhuj (Gujarat) Earthquake of 2001, the 2002 earthquake in Tbilisi, Georgia, the 2003 Bam, Iran earthquake, and the 2005 earthquake in Kashmir.



### **Martijn Schildkamp** (Smart Shelter Foundation)

An Architect, Engineer and founder of three Smart Shelter divisions with a passion for alternative materials and experimental construction techniques, Martijn has researched, designed and built numerous projects in Sri Lanka, India, Nepal and Indonesia. All of the 15 schools Martijn designed and built in Nepal survived the 2015 earthquakes and he is currently a visiting researcher at Kyoto University in Japan where they have based a research group on his school designs for Nepal.



### **Kubilây Hiçyılmaz** (Arup)

A seismic engineer with Arup working on complex performance-based structures, retrofitting buildings to improve their life-safety performance, Kubilây has significant experience of working in post disaster situations within the humanitarian sector. He has lead teams in Haiti doing post earthquake damage assessment and training. He implemented an earthquake engineering training programme in the Pakistan Administered Kashmir post 8 October 2005 South Asian Earthquake. He continues to work and provide engineering review and support for a variety of humanitarian organisations.