

MONITOR:ICE PROCEEDINGS

Award-winning papers for free download

On 18 October 2013 ICE president Barry Clarke will present awards to the following papers published in the various *ICE Proceedings* journals in 2012. Journal editorial panels nominated their best papers and an awards committee, chaired by David Balmforth, allocated the awards. These award-winning papers can be downloaded for free from the ICE Virtual Library's 'ICE Publishing Awards 2013' page at www.icevirtuallibrary.com/info/awards2013.

PAPER AND AUTHORS	ISSUE IN 2012	AWARD
Bridge Engineering		
Stiffness and damage in masonry bridges, by Bill Harvey	September	John Henry Garrood King Medal
Civil Engineering		
Cannon Place, London: design and construction over a live railway station, by Jim Fraser, David Seel, Jonathan Chadwick, Ketan Valambhia and Alister Offiler	May	Baker Medal
Achieving more for less at Canary Wharf Crossrail station, London, by Hoe Yeow, Duncan Nicholson, Cliff Bryant and Martin Westbury	May	Coopers Hill War Memorial Prize
Construction Materials		
Development and testing of a prototype straw bale house, by Katharine Wall, Pete Walker, Christopher Gross, Craig White and Tim Mander	December	Howard Medal
Energy		
Power from wood gasifiers in Uganda: a 250 kW and 10 kW case study, by Thomas Buchholz, Izael Da Silva and John Furtado	November	Watt Medal
Engineering and Computational Mechanics		
Draw-down and run-up of tsunami waves on sloping beaches, by Christian Klettner, Sridhar Balasubramanian, Julian Hunt, Harindra Fernando, Sergey Voropayev and Ian Eames	June	Telford Premium
Steep progressive waves in deep and shallow water, by Rodney J. Sobey	September	David Hislop Prize
Engineering History and Heritage		
The construction of the Kiev Suspension Bridge 1846–1853, by John Vignoles	February	Telford Premium
Reconstruction of the Neues Museum in Berlin, Germany, by Gerhard Eisele and Josef Seiler	November	Bill Curtin Medal
Engineering Sustainability		
Halstar: systems engineering for sustainable development, by Oliver J. D. Pearce, Nicholas J. A. Murry and Timothy W. Broyd	June	Trevithick Fund
Forensic Engineering		
Forensic engineering and collapse databases, by Denys Breyse	May	Telford Premium
Geotechnical Engineering		
Retaining walls in Dublin Boulder Clay, Ireland, by Michael Long, Carl Brangan, Christopher Menkiti, Michael Looby and Patrick Casey	August	John Mitchell Medal
How Eurocode 7 has affected geotechnical design: a review, by Trevor L. L. Orr	December	Crampton Prize
Ground Improvement		
Experiences of dry soil mixing in highly organic soils, by Martin J. Timoney, Brian A. McCabe and Alan L. Bell	February	Telford Premium
Management, Procurement and Law		
'New Water Architecture': an integrated water management model, by Michael Norton and Alexander Lane	August	Parkman Medal
Maritime Engineering		
Blackpool central area coast protection scheme, UK, by Lee Cunningham, Gareth Robertshaw and Mike Pomfret	March	Halcrow Prize
Municipal Engineer		
Domestic food waste – the carbon and financial costs of the options, by Tim D. Evans	March	James Hill Prize
Sustainable development – the East Bali poverty project, by John S. Younger, David J. Booth and Komang Kurniawan	March	Overseas Prize
Structures and Buildings		
A generic unified reinforced concrete model, by Deric J. Oehlers, M. S. Mohamed Ali, Michael C. Griffith, Matthew Haskett and Wade Lucas	January	Telford Medal
Seismic retrofitting of non-engineered masonry in rural Nepal, by Joshua Macabuag, Ramesh Guragain and Subhamoy Bhattacharya	June	Palmer Prize
Transport		
Tram priority at signal-controlled junctions, by Dimitris Sermpis, Panos Papadakos and Kostas Fousekis	May	Webb Medal
Delivering London 2012: Transport demand forecasting, by Bayo Dosunmu	November	Rees Jeffreys Award
Urban Design and Planning		
Designing to heal; reconstructing communities after disasters, by Jenny Donovan	June	Reed and Mallik Medal
Waste and Resource Management		
Recommendations for assessing materials criticality, by Stafford Lloyd, Jacquetta Lee, Andrew Clifton, Lucia Elghali and Chris France	November	Telford Premium
Water Management		
Recharge processes and groundwater evolution of multiple aquifers, Beijing, China, by Dong-jie Wu, Jin-sheng Wang, Xue-yu Lin and Qin-hong Hu	September	Robert Alfred Carr Prize