



Prof. Buddhima Indraratna

Prof. Buddhima Indraratna is currently Professor of Civil Engineering at the Faculty of Engineering, University of Wollongong. Concurrently, Buddhima is also the Research Director, Centre for Geomechanics and Railway Engineering; Program Leader, ARC Centre of Excellence in Geotechnical Science and Engineering; and Node Coordinator, CRC for Rail Innovation.

Since his PhD from the University of Alberta in 1987, his significant contributions to geotechnical and railway research have been acknowledged through numerous national and international awards, including the 2009 EH Davis Memorial lecture, regarded as one of the highest accolades within the Australian Geomechanics Society. Honoured as a Fellow of the Australian Academy of Technological Sciences and Engineering (FTSE) and as a recipient of the 2011 Engineers Australia Transport Medal and 2009 Business Higher Education Round Table (BHERT) award by Australian Commonwealth for Rail Track Innovations, his contributions to Transportation Geotechnics and Ground Improvement have been further acclaimed. He has published over 500 peer-reviewed articles (200+ Journal papers) and 5 research-based Books, and successfully supervised over 40 PhD graduates. His research income is approx. \$1.2 M/year. He is the Founding Director of the Centre for Geomechanics and Railway Engineering (GRE). In this Centre, he is mentoring over a dozen full-time staff and overseeing the progress of over 30 PhD students. GRE is one of the three research centres forming the ARC Centre of Excellence in Geotechnical Sciences and Engineering (ARC-CGSE) funded recently (with Newcastle and UWA), of which he is a Program Leader. He is also the node coordinator of the CRC for Rail Innovation at UOW in charge of several rail track innovation projects including a real track design at Singleton, near Newcastle, NSW. The National Rail Testing Facility will be soon established at the University of Wollongong under his leadership through funding by the Australian Research Council.