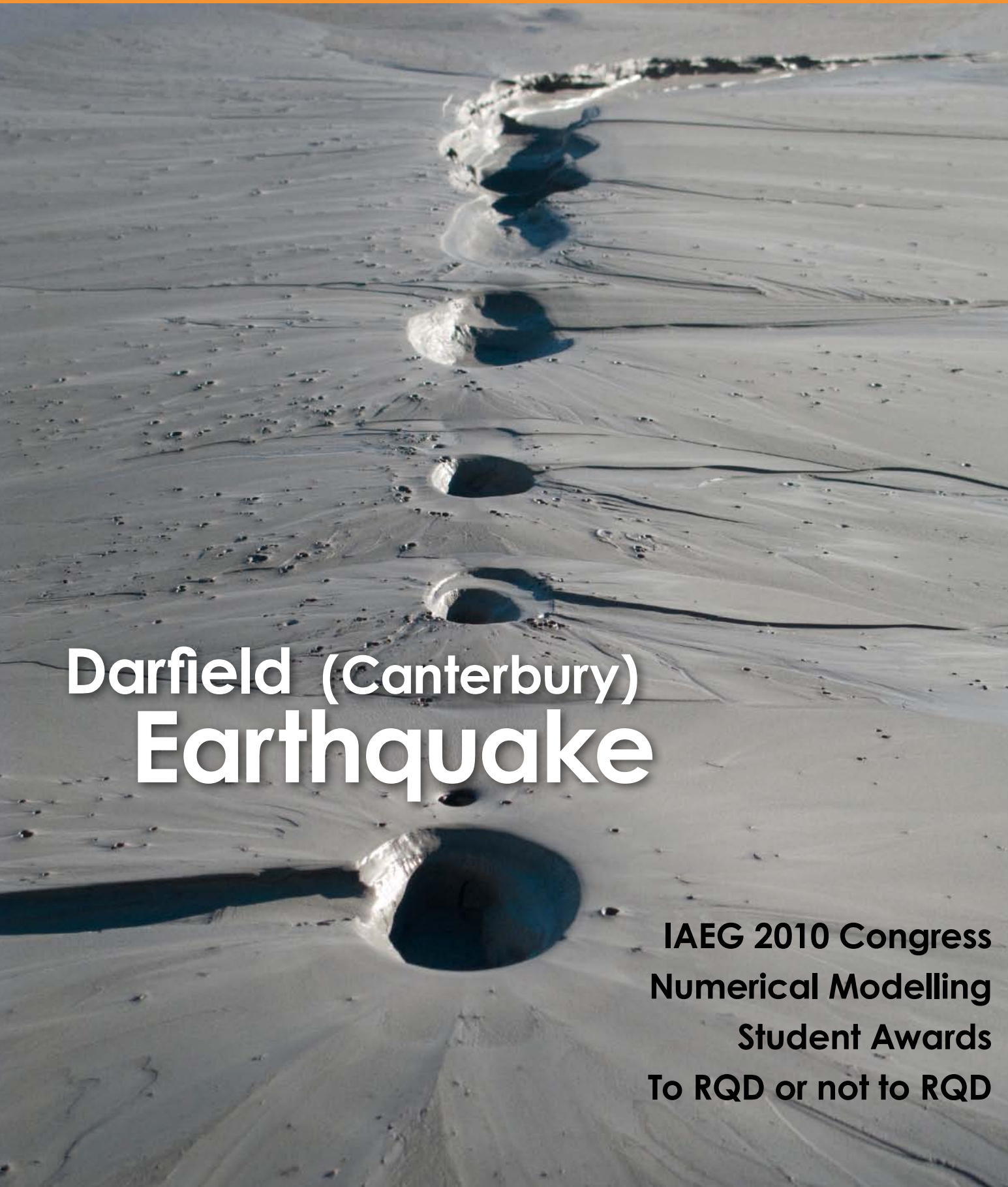


# NZ GEOMECHANICS NEWS

Newsletter of the New Zealand Geotechnical Society Inc.

ISSN 0111-6851



## Darfield (Canterbury) Earthquake

IAGG 2010 Congress  
 Numerical Modelling  
 Student Awards  
 To RQD or not to RQD



<b>Chairman's Corner</b> .....	<b>2</b>
<b>Editorial</b> .....	<b>3</b>
<b>Letters to the Editors</b> .....	<b>4</b>
<b>The Secretary's News</b> .....	<b>6</b>
<b>Editorial Policy</b> .....	<b>9</b>
<b>International Society Reports</b>	
IAEG .....	<b>7</b>
ISRM .....	<b>8</b>
<b>NZGS Branch Activities</b> .....	<b>14</b>
<b>Special Feature: 2010 Darfield EQ</b> .....	
Some Personal Accounts of the Earthquake.....	<b>22</b>
Two Books Documenting the Earthquake.....	<b>25</b>
Darfield (Canterbury) Earthquake, 4 September 2010.....	<b>26</b>
The Darfield Earthquake: Technical Trivia .....	<b>27</b>
<b>Technical Articles</b>	
State of the Art Site Investigation Techniques....	<b>30</b>
Numerical Modelling Is Not My Cup of Tea....	<b>40</b>
To RQD or not to RQD.....	<b>49</b>
<b>Project News</b>	
Darfield (Canterbury) Earthquake .....	<b>56</b>
<b>Standards, Law and Industry News</b>	
NZGS YGP .....	<b>65</b>
IAEG 2010 YGPs go Sailing .....	<b>67</b>
Rankine Lecture Review .....	<b>68</b>
Brief Update on Retaining Wall Guidelines ....	<b>68</b>
Website Review .....	<b>69</b>
IAEG 2010 Congress (4-10 September 2010) ..	<b>70</b>

### Book Review

Geotechnical Engineering in Residual Soils .... **72**

### Conference Reports

Observations of the IAEG Congress from  
a Roving Reporter for NZGS..... **73**

Conversations with IAEG Key-note Speakers .. **76**

11th IAEG Congress, NZGS Stand .....
 **79** |

Students at IAEG 2010 Congress .....
 **81** |

CETANZ Careering Ahead in 2010 .....
 **82** |

2nd International Symposium on Cone  
Penetration Testing (CPT'10) .....
 **83** |

### Awards

2010 Student Awards Winners - Abstracts .....
 **84** |

### Photo Competition

Another day in the office - Winner .....
 **96** |

### Foreign Correspondent

Kate Williams - Global Wanderer .....
 **98** |

### Company Profile

Hiway Geotechnical..... **102**

GHD..... **104**

### Member Profiles

Georg Winkler, LDE .....
 **107** |

### New Zealand Geotechnical Society Inc

Geotech Teaser **106**; Events Diary **108**; June Crossword  
answers **109**; Information **110**; Advertisers Directory**111**;  
Membership **112**; New Zealand Geotechnical Society Inc.  
Publications **114**; Advertising Information **115**; Geotech  
Crossword **116**.

Cover image: Darfield Earthquake Liquefaction, Tonkin & Taylor Ltd.