















Me Heke Ki Pōneke















Business Events **Wellington**

WellingtonNZ.com



20 April 2017

To whom it may concern

I write to support Wellington City as the proposed venue for the Information Systems for Crisis Response and Management (ISCRAM) Asia Pacific conference, 2018.

The Wellington Region Emergency Management Office has always been a big supporter of a joined up approach between Disaster Risk Reduction research and practice; and where better to hold a conference of this nature, than in a location that is a living laboratory for understanding its rich risk profile and promoting resilience-building initiatives as part of standard business practice. Accordingly, we would welcome the opportunity to be part of this initiative.

As a conference venue, Wellington is a city with tremendous soul, set adjacent to a magnificent harbour, with green hills as a backdrop. It is compact and visitors find it easy to navigate to and from the many attractions, by either foot or public transport.

Regards

Thomas

Bruce Pepperell Regional Manager Civil Defence Emergency Management

WREMO | PO Box 11646 Wellington, 6142

Wellington Office | 2 Turnbull Street, Thorndon, Wellington | 04 460 0650 Hutt Valley Office | 25 Laings Road, Lower Hutt | 04 570 6666 Satelike Offices: Porirua Office | 04 237 5089, Kapiti Office | 04 296 4700, Wairarspa Office | 06 370 6300 Absolutely Positively Wellington City Council Me Heke Ki Pôneke

31 March 2017

To Whom it May Concern

I write in support of the Information Systems for Crisis Response and Management Australasia event coming to Wellington in 2018. As the capital of New Zealand, and a smart city, Wellington is an ideal place to hold this conference.

Wellington has a highly skilled, creative population and its leaders understand that new technologies and innovations will help us to respond to future sustainability and resource challenges.

Wellington is a compact, vibrant city with many exciting attractions and activities that would be available to conference attendees. There is the native wildlife sanctuary Zealandia, the Wellington Gardens and a scenic waterfront that is a popular spot for running, walking, cycling, skating and other activities.

We're also the cultural capital of New Zealand and have world-class museums and galleries. In addition, we have proudly and successfully hosted many popular national events and international acts.

Regards

Justin Lester

Mayor of Wellington

Wellington City Council

Level 4, 101 Wakefield Street PO Box 2199, Wellington 6140, New Zealand Phone +64 4 801 3102 Fax +64 4 801 3033 mayor@wcc.govt.nz Wellington.govt.nz





10 May 2017

ISCRAM Board

ISCRAM Asia Pacific 2018

The New Zealand Ministry of Civil Defence & Emergency Management has noted the proposal to hold a Regional ISCRAM Meeting in Wellington in 2018.

Recognising the importance of information management in the emergency management context as well as the broad spectrum of both challenges and advances in this regard, I confirm the Ministry's support in principal of the initiative, should the proposal be accepted by the ISCRAM Board.

Director, Ministry of Civil Defence & Emergency Management

Level 4, Bowen House, Parliament Buildings | PO Box 5010 | Wellington 6145 | New Zealand Tel: +64 4 817 8555 | Fax: +64 4 817 8554 | emergency.management@dpmc.govt.nz | www.civildefence.govt.nz
The Ministry of Civil Defence & Emergency Management is a business unit of the Department of the Prime Minister and Cabinet



8 May 2017

To Whom It May Concern

ISCRAM 2018 CONFERENCE

I write in support of the ISCRAM Asia-Pacific Conference proposed to be hosted in Wellington, New Zealand in 2018.

The Earthquake Commission (EQC) is a government agency with statutory functions to facilitate disaster risk research, promote risk reduction and with operational responsibilities in the insurance aspects of disaster recovery. Effective information systems and the integration of accurate geospatial information, in particular, are essential to our mission.

In that regard, EQC is pleased to be able to offer its support to the 2018 conference and we look forward to actively participating in the planning and delivery of the event.

Yours sincerely

Manager - Research Strategy

Earthquake Commission Level 11, Majestic Centre 100 Willis Street Wellington 6011, New Zealand Corporate Mail: PO Box 790, Wellington 6140 Claims Mail: PO Box 311, Wellington 6140 Telephone: (04) 978-6400 Fax: (04) 978-6431 www.eqc.govt.nz



10 May 2017

To Whom It May Concern

1 Fairway Drive, Avalon Lower Hutt 5010 PO Box 30368 Lower Hutt 5040 New Zealand T+84-4-570 1444 F+64-4-570 4600 www.gns.cri.nz

I write in support of the ISCRAM Asia-Pacific Conference, proposed to be hosted in Wellington, New Zealand in 2018.

GNS Science leads the GeoNet project (www.geonet.org.nz). This is a New Zealand Earthquake Commission funded long term project (currently in our second decade of funding) to monitor and collect research quality data on geological hazards in New Zealand and then communicate our knowledge to stakeholders and the public. We have a statutory role through the National Civil Defence and Emergency Management Act (2002) to provide rapid information and data on geological hazards events to a wide range of end users in support of a crisis response. As such GNS Science is excited about the opportunity of interacting with the international participants at the conference, to both share our experiences of recent events here in New Zealand and learn from other global practitioners.

Yours sincerely

Ian Simpson

lan Si

Chief Executive

Institute of Geological and Nuclear Sciences Limited

Absolutely Positively Wellington City Council

Me Heke Ki Pôneke

28th April 2017

To whom it may concern

ISCRAM CONFERENCE

Wellington is a unique capital city that knows how to live with natural hazards. We have a proud history of managing hazards, and increasingly our crisis response features robust information systems and intelligence processing.

Because of this, I am very pleased to write in support of the Information Systems for Crisis Response and Management event coming to Wellington in 2018.

Recent events have seen further development of our capabilities and we are especially keen to exchange our experiences with leading international experts.

As well as excellent conference venues and facilities, Wellington has a number of scientific organisations that would provide highly skilled practitioners to add considerable interest and value to ISCRAM 2018.

Wellington City is part of the Rockefeller 100 Resilient Cities program and we would also be pleased to share our observations through this programme.

As one of our former Prime Ministers once quipped:

'... if you want drama; you've come to the right place!'

Best wishes for the event

Mike Mendonça

Chief Resilience Officer



ORGANISING COMMITTEE STRUCTURE

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Structure of the Conference Organising Committee

Conference Co-chairs

- Raj Prasanna (Massey University, New Zealand)
- Mahesh Prakash (CSIRO, Australia)
- Local Organising Committee Members (TBD)

International Governance Co-chairs

- Murray Turoff (New Jersey Institute of Technology, USA)
- Peter Wood (Former Emergency Management Advisor former President of the New Zealand Society for Earthquake Engineering)
- International Governance Committee Members (TBD)

Structure of the Scientific Programme Committee

Programme Co-chairs

- Deborah Bunker (University of Sydney, Australia)
- Krisitn Stock (Institute of Natural and Mathematical Sciences, Massey University, New Zealand)

Track Co-chairs

■ TBD

Workshop and Tutorial Co-chairs

TBD

PhD Colloquium Co-chairs

- Roxanne Hiltz (New Jersey Institute of Technology, USA)
- Julie Dugdale (University Grenoble Alps, France and the President of ISCRAM)

Co-Editors of the of the IJISCRAM Special issue

- Víctor Amadeo Bañuls Silvera (Universidad Pablo de Olavide, Spain)
- Matthew Hughes (University of Canterbury, New Zealand)
- Roxanne Hiltz (New Jersey Institute of Technology, USA)

Conference Co-chairs



Raj PrasannaJoint Centre for Disaster Research, Massey University,
New Zealand

Dr. Raj Prasanna is an expert in Technology and Information Systems for supporting Emergency Management. Raj has been a full-time academic and a researcher since 2004 and obtained his PhD from Loughborough University, UK in 2010 in Information Systems supporting Emergency Response. Raj is also a qualified chartered engineer in Information Technology. Raj's current research interests include the application of Internet of Things (IoT) for Disaster Management, Human Computer Interface supporting Emergencies and Cognitive Requirements Capturing Techniques for Emergencies. His research findings related to emergency response has been adopted by numerous first responder organisations around the world, including the UK fire and rescue service, to develop information systems supporting fire emergency response. Currently Raj is a Senior Lecturer in Emergency Management at the

Joint Centre for Disaster Research, Massey University, New Zealand. He teaches Emergency Management and Incident Command Systems and coordinates Emergency Management Academic Programme at Massey University. Previously he served as a Senior Lecturer in the Department of Management of Technology, University of Moratuwa, Sri Lanka. He is also a visiting academic at the Loughborough University, UK and also served as an adjunct scholar at the Sri Lankan affiliations of Massey University, Sheffield Hallam University, UK and RMIT University Australia. Raj has experience in organising conferences and symposiums including several regional ISCRAM conferences. Prior to his academic career, Raj worked in the industry for nearly nine years in different managerial and technical job roles, including a top administrative position in the Sri Lankan office of one of the fortune five hundred manufacturing companies. Raj is also a professional consultant in many IS/IT related projects in top business ventures in Sri Lanka and Europe.



Mahesh Prakash
Commonwealth Scientific and Industrial Research
Organisation (CSIRO), Australia

Dr Mahesh Prakash is a Senior Principal Research Scientist at CSIRO Data61 and leads a group of 40 Scientists, Engineers and Software Professionals who develop and apply Computational Models for various Geophysical and Industrial Systems. He has more than fifteen years of experience in developing and applying computational models to extreme event flows including inundation related to tsunamis, storm surge and sea level rise related events and catchment flooding. He has done this in the context of early warning systems development, climate adaptation, risk assessment and mitigation. Dr Prakash has formal training in project management and has overseen large projects in Disaster Risk Management in Australia and China related to floods and bushfires and with a significant climate adaptation and mitigation context especially for urban and peri-urban regions.

ORGANISING COMMITTEE

Programme Co-chairs



Deborah Bunker

Business School, University of Sydney, Australia

Professor Deborah Bunker is a leading international scholar in organisational collaboration and change management in complex organisational and environmental settings. Her domains of research include: disaster management, whole of government; health; and small and medium enterprises, looking at: systems adoption and diffusion; collaborative systems; geospatial information management; systems security; cloud computing and social media. She has published in MISQ, Journal of Information Technology, IS Frontiers and Communications of the AIS. Professor Bunker is currently a Chief Investigator on projects that focus on information systems and:

- The Use of Social Media for Crisis Response;
- Crisis Response in Interdependent Social-Infrastructure Systems; and
- Climate, Environment and Health.

Professor Bunker a member of the NSW Office of Environment and Heritage funded Human Health and Social Impacts Node hosted at the University of Sydney, as well as being the Chair and Convener of the Interoperability in Extreme Events Research Group and Chair of the International Federation of Information Processing (IFIP) Working Group 8.6 (Transfer and Diffusion of IT).

Professor Bunker has been a Member of the Research Evaluation Committee (Mathematics, Information and Computing Sciences) for the Excellence in Research for Australia evaluation process (ERA 2015), immediate Past President (2012 - 2014) of the Australian Council of Professors and Heads of IS (ACPHIS) and General (2011, 2014) and Program (2005, 2011) Chair of the Australasian Conference in Information Systems. She was also a Track Chair for the International Conference on IS (2015).



Kristin Stock

Institute of Natural and Mathematical Sciences, Massey University, New Zealand

Dr Kristin Stock is Director of the Massey Geoinformatics Collaboratory, and a Senior Lecturer in Information Technology. She has 25 years' experience in geospatial information management in the private, public and University sectors, has led a number of large international geospatial projects in Europe, Australia and New Zealand and played a key role in European data sharing projects such as INSPIRE and EuroGEOSS. Dr Stock's research focuses on geospatial semantics, geospatial natural language and geospatial data integration in collaboration with researchers around the world. She has qualifications in surveying, GIS, computing and urban and regional planning, and her research has been applied in a number of application areas. Some of her recent research has focussed on the development of methods for the automated extraction of information on the location of disaster events and impacts from social media.

International Governance Committee Co-chairs



Murray TuroffNew Jersey Institute of Technology, USA

Murray Turoff is a Distinguished Professor Emeritus at the New Jersey Institute of Technology. He is a coeditor of a recent book on Emergency Management Information Systems (M.E. Sharpe 2010). Besides his early and continuing work with the Delphi Method, he spent most of his academic research career in the design and evaluation of Computer Mediated Communication systems. After 9/11 he turned his attention back to his early work in Emergency Management and in 2004, he was a cofounder of the international organization ISCRAM (Information Systems for Crisis Response and Management). Together with Starr Roxanne Hiltz, he was a co-author of a prizewinning book in 1978 that predicted the Web as we know it today: The Network Nation: Human Communication via Computers. MIT Press reprinted this book in 1993. His basic research area was always the design of collaborative systems operational on computers based upon the nature of the group and the nature of the problem. In recent years he has been focusing on Emergency Management Information Systems.



Peter Wood(Retired), New Zealand

Peter R Wood is a former Emergency Management Advisor with the New Zealand Ministry of Civil Defence & Emergency Management, following a career as a government research scientist specialising in natural hazard risks and the use of remote sensing and geospatial information systems for improved understanding, communication, and applications of hazard risk reduction. He was President of the New Zealand Society for Earthquake Engineering (NZSEE), 2010-2012, during the onset of the Canterbury earthquake sequence and the principal earthquakes of Darfield and Christchurch. He has been a participant in several domestic and international Learning from Earthquakes (LFE) missions and has served as NZSEE LFE Programme Leader, initiating International LFE missions and both physical and virtual post earthquake Clearinghouses for information exchange. Peter is a member of ISCRAM and was a keynote speaker at ISCRAM 2006.

Doctoral Colloquium Co-chairs



Roxanne HiltzNew Jersey Institute of Technology, USA

Starr Roxanne Hiltz is Distinguished Professor Emerita, College of Computing Sciences, NJIT. During 2010-2011 she held a «Cathedra de Excelencia» appointment at Carlos III University of Madrid, and since "retiring" she has also had many other visiting research and/or teaching appointments, including the U. of Salzburg, the U. of Agder in Norway and the Tecnun, U. of Navarro in Spain. Research interests currently include virtual teams and online communities, online learning, Emergency Response Information Systems, Pervasive Computing, and social computing. She has been an enthusiastic supporter of ISCRAM since its first meeting; has been a track co-chair for the Social Media track at ISCRAM for many years; and was Program Chair for the 2014 meeting.



Julie Dugdale
University Grenoble Alps, France

Julie Dugdale (Julie.Dugdale@imag.fr) is an Associate Professor at University Grenoble Alps, France and leader of the MAGMA Multi-Agent Systems research team, part of the Grenoble Informatics Laboratory (LIG). She is also an Adjunct Full Professor at the University of Agder, Norway where she works in the Centre for Integrated Emergency Management (CIEM). Her research concerns human behaviour modelling and simulation of crisis and emergency situations. She has been involved in the area of emergency and crisis management since 1998 and has published widely in conferences and journals. She became involved with the ISCRAM community after submitting two papers to its first conference in 2004. Since then she has been heavily engaged with the ISCRAM community: Chair/Co-Chair of the ISCRAM Doctoral Colloquium 2007, 2009, 2012; Co-Chair of the Intelligent Systems ISCRAM track 2007, 2008, 2008, 2012, 2013, and other 2 other tracks in 2005, 2006; ISCRAM Program Chair 2011, Lisbon, Portugal; Conference Co-Chair ISCRAM Med 2015, 2016, 2017; ISCRAM Board member; ISCRAM Vice President. In 2010 she was very proud to receive the ISCRAM Distinguished Service Award for outstanding support to the ISCRAM Community. She is now the President of ISCRAM.

Co-editors of the IJISCRAM Special Issue



Víctor Amadeo Bañuls Silvera *Universidad Pablo de Olavide, Spain*

Dr. Victor A. Bañuls is Associate Professor of Management Information Systems at the Universidad Pablo de Olavide (UPO) at Seville (Spain). He also has served as visiting research scholar at the UFRJ (Rio de Janeiro, Brazil), CIEM (Agder, Norway), New Jersey institute of Technology (NJ, U.S.A.) and Tilburg University (Tilburg, The Netherlands). His research is published in journals such as Technological Forecasting and Social Change, Technovation, EAAI, IEEE SMC and Futures (among others), being editor of two books. He is the chair of several postgraduate programs, including an Executive Master program on Integrated Management Systems and an Executive Security Management program. His present research efforts are focused on foresight and emergency management, being also interested in e-Learning, management science and information systems assessment. He is confounder and Research Director of the safety engineering company MSIG and assessor of the Regional Spanish Government of Andalusia in Security Policy. He has been co-chair of the track "Foresight, Planning and Risk Analysis in Emergency Management" at the ISCRAM conference since 2010. He is member of the board of ISCRAM and chair of the Publications and Academic Standards Committee since 2014. Recently he become the Co-Editor in Chief of the International Journal of ISCRAM



Matthew Hughes

Department of Civil and Natural Resources Engineering,
University of Canterbury, New Zealand

Matthew Hughes is an Earth and Environmental Scientist and Geospatial Analyst, with a background in landscape evolution and climate change research, and environmental science consulting in the private sector. Since 2011 he has been investigating the impacts of the 2010-2011 Canterbury Earthquake Sequence on the natural and built environments of Christchurch City, and more recently the impacts of the 14 November 2016 Kaikoura Earthquake. He also conducts other disaster risk reduction work on potential tsunami and volcanic impacts across Aotearoa/ New Zealand. Matthew is Deputy Lead of the Community Datasets Technical Platform within QuakeCoRE, and Distributed Infrastructure Engagement Lead for the Resilience to Nature's Challenges programme within the National Science Challenges. Matthew's research interests include: application of geospatial technologies for disaster risk and resilience assessments; investigating the convergence of seismic and climate hazards; working with communities to increase hazards awareness and to implement resilience initiatives.



Roxanne HiltzNew Jersey Institute of Technology,
USA

2018, WELLINGTON, NEW ZEALAND PACIFIC, NOVEMBER PROPOSAL TO HOST ISCRAM ASIA

ORGANISING COMMITTEE

Local & International Committee Members

Murray Turoff

New Jersey Institute of Technology, USA

Peter Wood

(Retired), New Zealand

Raj Prasanna

Joint Centre for Disaster Research, Massey University, New Zealand

Mahesh Prakash

Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia

Deborah Bunker

Business School, University of Sydney, Australia

Kristin Stock

Institute of Natural and Mathematical Sciences, Massey University, New Zealand

Roxanne Hiltz

New Jersey Institute of Technology, USA

Pedro Antunes

School of Information Management, Victoria University of Wellington, New Zealand

David Johnstone

School of Information Management, Victoria University of Wellington, New Zealand

David Johnston

Joint Centre for Disaster Research, Massey University, New Zealand

Tony Norris

Information Technology and Software Engineering Department, Auckland University of Technology, New Zealand

Marcos Borges

Universidade Federal do Rio de Janeiro, Brazil

Murali Raman

Multimedia, University Malaysia, Malaysia

Tung Bui

Shidler College Of Business, University of Hawaii at Mānoa, Hawaii

Lili Yang

Business School, Loughborough University, UK

Abi Beatson

Joint Centre for Disaster Research, Massey University, New Zealand

Robert Power

CSIRO, Australia

Matthew Hughes

Department of Civil and Natural Resources Engineering, University of Canterbury, New Zealand

Steven Jensen

College of Health and Human Services, California State University, Long Beach, USA

Yasir Javed

COMSATS Institute of Information Technology, Abbottabad, Pakistan

Tom Huggins

Joint Centre for Disaster Research, Massey University, New Zealand

Jon Mitchell

Project AF8 — South Island Alpine Fault Earthquake Response Planning Project, New Zealand

Nuwan Waidyanatha

Sahana Software Foundation and Liner Aisa and LIRNEasia, Sri Lanka

Jose Gonzalez

Centre for Integrated Emergency Management (CIEM), University of Agder, Norway



Purpose of ISCRAM Asia Pacific

The purpose of ISCRAM Asia Pacific 2018 is to exchange research into and experiences of information systems use in emergency management, particularly focussed around applications of information systems in the context of the four priorities of the Sendai Framework (2015-2030) for disaster risk reduction, namely: 1. understanding disaster risk; 2. strengthening disaster risk governance to manage disaster risk; 3. investing in disaster reduction for resilience; and 4. enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction.



Information management research and experiences will be highlighted across the natural, social, built, and economic environments for disaster risks related to: Earthquakes; Severe Weather; Flooding; Wildfire; Tsunami; Volcanic eruption; Lifeline failures; Pandemics, Bio-Security, etc.

ISCRAM Asia Pacific 2018 will cater for management practitioners, academics and researchers from the government, NGOs, and industry, particularly from around the Pacific, but encompassing global participation from New Zealand, Australia, Oceania, Asia, North and South America, and Europe. Planning is based on 200 - 400 attendees.

Programme for ISCRAM Asia Pacific 2018: Keynotes; Plenaries; parallel sessions and workshops; poster presentations/displays; Tour of relevant facilities and points of interest; Social programme (Icebreaker, dinner).

An optional three-day visit to Kaikoura and Christchurch is planned, for lessons from Greater Christchurch of the earthquake impacts, recovery, and the use of information systems there in disaster management.

Engagement in ISCRAM Asia Pacific 2018: expressions of interest are sought from government organisations, NGO's, academia, professionals, and businesses engaged in the management of information critical to public/ private resilience. Keynote speakers are being contacted. A call for papers, posters, and trade displays will be announced in the near future.

Organisers believe that in the future ISCRAM Asia Pacific Conference will become a regular regional ISCRAM conference to be held annually or bi-annually in the vicinity of Australia and New Zealand.







ISCRAM Asia Pacific 2018, Innovating for Resilience

TRACKS	TOPICS COVERED	TRACKS	TOPICS COVERED		
Resilience to cope with the unexpected	 Individual and/or Group experiences in dealing with unexpected occurrences, events, or situations in any phase of Emergency Management. Insightful experiences that the author or authors experienced; or, the absence of plans, preparedness, or considerations to fully handle a likely disaster occurrence in a given location. An academic case study of an actual occurrence of the unexpected by examining the unexpected situation, the human roles and actions they took, and the results. Examples of Creativity and/or unexpected professional or organisational behaviour in any phase of a disaster situation. 	Monitoring and alerting systems supporting business as usual and emergency warnings	 Public education on Disaster warning systems Crisis Communication semantics Alerting Protocols e.g. CAP Earthquake hazards monitoring and alerting systems Animal, crop, food and water health monitoring and alerting systems Volcanic hazards monitoring and Alerting Severe Weather Warning Systems Flood Monitoring and Alerting Tsunami Warning Systems Public Health Monitoring and Alerting Systems 		
Geospatial and temporal Information capture, management, and analytics in support of Disaster Decision Making	 Emergency Data Interoperability, e.g. EDXL Geospatial aspects of disaster management Monitoring sensors Remote sensing Spatial and Temporal analytics 	Human centred design for collaborative systems supporting 4Rs (Reduction, Readiness, Response and Recovery)	 User experience of disaster information systems Information Systems prototype/research Exercise scenarios User Acceptance Usability Sharing of Situational Awareness to enhance the common operating picture 		

CONFERENCE THEME & TRACKS

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TRACKS	TOPICS COVERED			
Understanding Risk, Risk Reduction, Consequences and Forecasting	 Determining and estimating future threats, Use of Information systems for predicting risks, Forecasting methods for analysing cascading effects in crisis situations, Quantitative and qualitative data integration for supporting Risk Analysis, Planning of new systems and methodologies, Scenario generation methods as planning and/or training tools 			
Social Media and Community Engagement supporting Resilience Building	 The design, use, and evaluation of information communication technologies for enhancing public information and community engagement: Social media Crowdsourcing Digital Volunteers Mass media Public information 			
Information systems for disaster healthcare	 Technologies and systems supporting and enhancing public health care planning and preparing for, responding to and recovering from disasters, emergencies and outbreaks Public health monitoring E-health technologies Health management systems Systems for managing the suspected and confirmed outbreaks, both domestic and international 			

TOPICS COVERED TRACKS Enhancing Natural Built Infrastructure Interdependency and Social Environment Simulation and Modelling of Resources, Assets Resilience Risk and Vulnerability of Cities Building Information Management Post Disaster Waste Management Systems Water, Waste water and Sewage Systems Management Systems supporting Pollution and Climate Change Consequences Systems supporting communities with special needs and elderly Systems enhancing resilience of migrant and indigenous communities Cyber resilience and TBD managing sensitive

Titles of the tracks and subtopics are subject to change.

information in disasters

TYPES OF SUBMISSIONS

Participants will be invited to submit either of two types of peer reviewed papers that address the conference and/or track themes.

Papers will be selected by the Programme/Track Committees for either Oral or Poster presentations. Authors may indicate their presentation preference.

Academic papers will meet the normal requirements for publication in international academic journals, including references to published sources that support the content of the paper. **Word count maximum up to 10,000.**

Insight papers will focus on the experience and insight of the author or authors with respect to events they have encountered or their past and present engagements and projects. **Word count maximum up to 6,000.**

All submitted conference papers will be blind peer reviewed, and papers that are accepted will be published in the conference proceedings. Following the meeting, a special issue of the *International Journal of Information Systems for Crisis Response and Management (IJISCRAM)* is to be published. The best papers from the conference will be selected for publication in the Special Issue.

IJISCRAM is an academically rigorous outlet for research into, and application of, information systems for crisis response and management. It is focused on the design, development, implementation, use and evaluation of information system technologies and methodologies to support crisis response and management. It explores issues critical to application of such information systems. The journal covers all aspects of the crisis management information systems discipline, from organisational issues to technology support to decision support and knowledge representation.





CONFERENCE PROGRAMME & FORMAT

	4 NOV 2018	5 NOV 2018		6 NOV 2018		7 NOV 2018		8 - 10 NOV 2018
08:00 - 08:30	Registration	Registration		Registration		Registration		
08:30 - 09:00	Ü	Opening		Ü		Ü		
09:00 - 10:30	Doctoral Colloquium	Plenary Session 1		Plenary Session 2		Plenary Session 3		
10:30 - 11:00	BREAK	BREAK		BREAK		BREAK		
11:00 - 12:30	Doctoral Colloquium	Parallel Sessions 1	Workshops, Tutorials, & Demos	Parallel Sessions 4	Workshops, Tutorials, & Demos	Parallel Sessions 5	Workshops, Tutorials, & Demos	Vailaura and
12:30 - 13:30	LUNCH	LUNCH		LUNCH		LUNCH		Kaikoura and Christchurch
13:30 - 14:00	POSTER PRESENTATION	POSTER PRESENTATION		POSTER PRE	ESENTATION	POSTER PRESENTATION		field trip
14:00 - 15:30	Doctoral Colloquium	Parallel Sessions 2	Workshops, Tutorials, & Demos			Parallel Sessions 6	Workshops, Tutorials, & Demos	
15:30 - 16:00	BREAK	BREAK		WLG Field WLG Field Visit Option 1 Visit Option 2	BREAK			
16:00 - 17:30	Doctoral Colloquium	Parallel Sessions 3	Workshops, Tutorials, & Demos	visit option 2		Closing Ceremony		
EVENING		Icebreaker		Conferen	ce Dinner			

- Maximum of 4 individual tracks for each Parallel Session with maximum of 15 mins presentation time for each presentation.
- Maximum of 144 presentations
- Maximum of 80 posters

OPTIONAL FIELD TRIP

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Kaikoura - Christchurch

On the first day, travel by ferry from Wellington, across Cook Strait and through Queen Charlotte Sound to the town of Picton, the northern gateway to the South Island and the wine growing areas of Marlborough. Thence by comfortable tour bus to overnight in Kaikoura, the coastal community that was impacted and isolated by the Kaikoura earthquake of 14 November 2016.

On the second day, after taking in the sights around Kaikoura and hearing about the response and recovery there, continue by bus to Christchurch. The route will be determined by what roads are open during the recovery from the earthquake; in a worst case scenario, the two day bus tour will be replaced by a one hour flight from Wellington to Christchurch and extra time in Christchurch.

On the third and final day of the tour, briefings on the devastating Canterbury earthquake sequence of 2010-2012 and the Port Hills wildfires of 2017 will be followed by a bus tour around the city that highlights the earthquake and fire impacts, the response elements, and the progress in recovery, including the CBD and the University of Canterbury.







Why New Zealand?

With scenery that takes your breath away, world-class venues and unique visitor experiences, New Zealand is the perfect location for business events beyond convention. Find out why successful organisations and associations choose New Zealand for their business events.

New Zealand is home to world renowned experts, driving innovation in key industries

Seek inspiration from New Zealand's spirit of innovation and invention. New Zealanders have taken many 'firsts' to the world, from splitting the atom to creating the disposable syringe or developing the jaw dropping bungy jump.

New Zealand delivers unbeatable events

Sophisticated meeting spaces, stunning scenery and the warmest welcome on earth—New Zealand has it all.

New Zealanders are exceptional hosts

Feel the spirit of manaakitanga—the uniquely New Zealand way of giving and making people feel welcome.

Discover a place where friendly people and professional service come together to make every event memorable.

Inspirational experiences are never far away in New Zealand

Take in everything 100% Pure New Zealand has to offer, with a wide variety of memorable activities and landscapes in close proximity.

New Zealand, a safe destination

New Zealand is generally a very safe place to visit with a relatively low crime rate, few endemic diseases, a great healthcare system and a politically stable government. The 2015 Global Peace Index compares 162 countries for the risk of personal violence and rates New Zealand as the fourth safest country in the world.

New Zealand is an affordable luxury

Enjoy watching your money go further in New Zealand. New Zealand's exchange rate is generally favourable against most other currencies.

Be spoilt for choice with New Zealand's wide range of venues, accommodation and activities for every taste and budget.

New Zealand is accessible

Explore gloriously uncrowded, but lively, cities and sceneries. New Zealand is a small country, similar in size to Great Britain or Japan, with a population of just four million people.

Relax, getting to New Zealand is easy. It's only a 9 – 12 hour flight from other countries on the Pacific Rim and is serviced by more than 330 international flights every week. What's more, passport holders from more than 50 countries do not require a visa for short stays.

ACCESSIBLE NEW ZEALAND

Getting here is easy

Travelling to New Zealand is easy to attend a conference

New Zealand is approximately a 10 hour direct flight from most places in the Pacific Rim, including Singapore, Hong Kong, Tokyo, the west coast of the USA and it is only a 3 hour flight for neighbouring pacific islands and the eastern seaboard of Australia.

Options to fly direct to Auckland (New Zealand's main international airport) or directly to Wellington with a new Singapore Airlines connection via Canberra. Numerous daily flights connect Auckland and Wellington with a 1 hour flight time.



International Connections to Auckland

360+

Weekly flights connecting you to Auckland.

120+

International arrivals every day.

24

International Airlines fly direct to Auckland from 33 destinations around the world.



International connections to Wellington

6

International Airlines fly directly to Wellington from 6 international destinations.

68

Direct Trans Tasman flights a week to Wellington.

ACCESSIBLE NEW ZEALAND





Your Host, Wellington

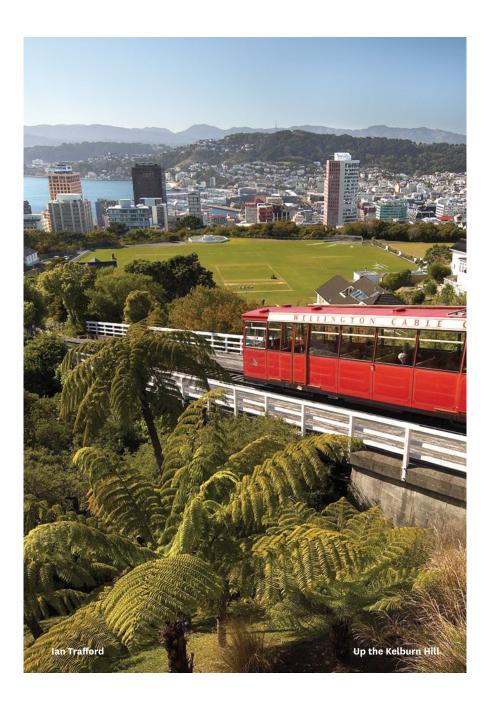
Wellington is the capital of New Zealand and seat of Government. Wellington is a magnet for creative thinkers and is widely regarded as New Zealand's arts and culture capital.

There's prolific public art, fabulous and funky boutiques and a show on pretty much every night. But as well as all that arty stuff, Wellington's loved for its gastronomic delights. You might say they like their food and they like it good.

If you need to walk off all that goodness, you're also in luck. Wellington is a capital city right on nature's doorstep, with a peaceful walk through native bush or along a golden sand beach never far from the urban hub.

How many times have you taken your running shoes to a conference, but never made it to the gym? In Wellington, your delegates can exercise and see the sights at the same time. A hike up Mount Victoria for panoramic views of the city, or a stroll through the Botanic Garden are just a few minutes' walk away from the inner city hotels.

International guests also love the stories of nationhood and heritage as told at the Museum of New Zealand Te Papa Tongarewa, Parliament Buildings and the region's many boutique museums. Others just like to take their shoes off and sit on the golden sand on Oriental Bay with a good strong flat white. Who could blame them?



YOUR HOST

Good reasons to choose Wellington

Wellington is a destination where all the best things in life come together. It's compact, cultural and cutting edge.

Whatever you're planning, you can rest assured that Wellington offers the goods and the good times to make your event a success. Home to the nation's decision-makers, there's no doubt that New Zealand's political centre is a convenient and sophisticated place to do business.

Wellington: The Smart Choice

Wellington combines big city chic with small village charm, and is a fantastic conference destination to boot. Hugged by a natural amphitheatre of hills and harbour, Wellington is also celebrated as the country's cultural and creative hub. Pulsing with packed cafés, bars, boutiques, galleries, public art and museums, the country's urban heart has been voted by New Zealanders as their most desired domestic destination for good reason.

Out and about

Wellington is renowned for its friendly locals and impeccable service. Wellingtonians absolutely positively believe in their city and that pride transcends into the services they provide. Wellington restaurants have taken out the country's ultimate cuisine prize time after time and their bartenders, receptionists and hotel managers are forever winning awards.

Access all areas

The capital acts as the nation's transport hub and is easily and regularly accessed by international and domestic flights, inter-island ferries, trains and automobiles. Wellington International Airport is a mere 10 minute drive from the central business district. Taxis, shuttles and the Airport Flyer bus are all on hand to transfer visitors to the central city.

Now that's service! With a city centre just two kilometres in diameter, Wellington is also seamlessly and cost-effectively navigated once on the ground.



CONFERENCE VENUE

Museum of New Zealand Te Papa Tongarewa

Te Papa is New Zealand's bold and innovative national museum and a recognised world leader in interactive and visitor focused museum experiences. As well as being a six level museum that showcases New Zealand's national art and treasures, it is also a unique conference and events venue that combines serious business with outstanding hospitality.

The stunning waterfront location puts Te Papa at the heart of Wellington, and provides plenty of natural light and lovely harbour views. Te Papa is close to all major hotels and public transport and offers plenty of onsite parking, so your guests will find us easy to get to.

Te Papa offers you the opportunity to combine unique museum experiences with your event, and has a number of experienced in-house teams delivering a range of products and services.

Key Features:

- 15 dedicated meeting rooms and a variety of exhibition spaces
- Catering from 20 to 5000
- Flexible venues seating 20 to 700
- Purpose built 328 tiered seating theatre
- 519m2 of trade display space in a single room
- Seated dinner for up to 600
- Cocktails for up to 5000

The Wellington Foyer is Te Papa's premier large venue space and ideal for the Gala Dinner.

There is no private function room or event space in Wellington quite like this—a mighty room at the heart of Te Papa, six storeys high with granite floors and a huge circular window framing ever-changing views of the city. It is unique and unbeatable.



CONFERENCE VENUE

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Catering for your event

Te Papa welcomes you with Wellington's most exciting food and the highest standards of customer service. We deliver innovative New Zealand cuisine, ensuring your guests will be catered for in style. Whether you decide to select from our extensive range of catering menus in the Conference Pack or design your own menu in consultation with us, we guarantee high-quality cuisine to suit your event.

Floor plan







SOCIAL VENUES



Option One

Opera House

111/113 Manners St, Te Aro, Wellington

The Opera House has been a social and events venue for successive generations in Wellington. It hosts a wide variety of performances and events and is a place that springboards and showcases up-and-coming talent. It is also a popular choice for on-stage gala events, dining and programme launches. Centrally located and a short stroll to Courtenay Place, it offers something a little different for events in the heart of Wellington.



Option Two

Mac's Function Centre

4 Taranaki St, Wellington

Located in the heart of Wellington's picturesque waterfront, Mac's Function Centre has recently undergone a multi-million dollar refurbishment to include two additional, architecturally designed function spaces. The rebuild was completed in early 2011, and with its modern almost New York Loft style appearance, our venue is definitely one with a difference. The purpose built function kitchen can provide all types of amazing catering from small seminars through to black tie gala dinners.



Option Three

Te Papa

55 Cable St, Te Aro, Wellington

Te Papa is New Zealand's bold and innovative national museum and a recognised world leader in interactive and visitor-focused museum experiences. As well as being a six level museum that showcases New Zealand's national art and treasures, it is also a unique conference and events venue that combines serious business with outstanding hospitality. The stunning waterfront location puts Te Papa at the heart of Wellington, and provides plenty of natural light and lovely harbour views. Te Papa is close to all major hotels and public transport and offers plenty of onsite parking, so your guests will find us easy to get to.

ACCOMMODATION

With an excellent selection of hotels within walking distance of the conference venue, ranging from budget to luxury boutique, Wellington has accommodation to suit all needs with rates from \$135 per night.



InterContinental Wellington ★★★★★

Offering 232 superbly appointed guest rooms including fully-refurbished Deluxe and Club Guest Room and Suites, the InterContinental Wellington offers everything you'd expect from a first-class hotel. Adjacent to the iconic harbour waterfront and in the heart of the central business district.

8 minutes' walk to Te Papa

www.intercontinental.com



QT Museum Wellington ★★★★★ Self-rated (Apartment option)

Fall down the rabbit hole into an explosion of colour and texture at Wellington's new design-driven Hotel, QT Museum Wellington. Our walls host a curated collection of high and low-brow art sitting in a stunning harbourside location and engulfed by vines of vivid ivy.

Your new Wellington creative hub is the epitome of cool luxury – high tech, sophisticated spaces and a paradise for foodies. Go beyond your boundaries as you are challenged by the scale of our art while experiencing the comfort of having everything the modern traveller needs at your fingertips. Art, design, curiosities and a dash of the absurd—QT Museum Wellington.

2 minutes' walk to Te Papa

www.qthotelsandresorts.com/wellington



CQ Comfort Hotel Wellington ★★★★★

Located in the vibrant heart of the Cuba Quarter, at the doorstep is a melting pot of funky cafes, restaurants, boutique shops and art galleries. Give your delegates a taste of the best the cultural capital has to offer. The 3.5 star plus CQ Comfort Hotel Wellington exudes character and charm and is listed with the NZ Historical Places Trust. It holds a prestigious place in the history of Wellington. Softly refurbished in 2011, the hotel provides a comfortable stay and value for money.

10 minutes' walk to Te Papa

www.cqwellington.com

CQ Quality Hotel Wellington ****

CQ Quality Hotel Wellington is located in the heart of the city on Cuba Street. The rooms are impressive with their fresh, contemporary style and abundance of space. They feature kitchenettes, modern bathrooms and plenty of room to store your luggage and shopping. Guests are able to enjoy the self service laundry, heated pool and spa, cosy piano lounge bar with fireplace and rooftop sun terrace located in the CQ complex.

10 minutes' walk to Te Papa

www.cqwellington.com



Copthorne Hotel Oriental Bay Wellington ★★★★#

If location is everything, then this hotel in Wellington has it all. The hotel overlooks one of the most beautiful harbours in the world, and offers one of the most luxurious accommodation experiences in Wellington. All rooms are decorated in colours that capture the natural beauty of the nearby ocean and earth. Enjoy the stunning harbour views from One80° Restaurant, or relax in the comfort of your room with 24 hour room service. The hotel also offers a heated indoor pool, concierge service and leisure desk.

5 minutes' walk to Te Papa

www.milleniumhotels.com



Rydges Wellington ★★★★

With a unique combination of harbour views and city outlooks, Rydges Wellington ticks all the boxes—destination, venue, innovation and experiences. Rydges Wellington is within close distance to the Westpac Stadium, Queens Wharf, Wellington Railway Station, both the Interislander and Bluebridge Ferry terminals and Lambton Quay for shopping. Wellington's leading hotel for luxury and excellence in service, the 4+ hotel has 280 contemporary accommodation rooms.

14 minutes' walk to Te Papa

www.rydges.co.nz

PROXIMITY MAP

We can't guarantee Wellington's weather except that it is always interesting. But we can guarantee that you can find everything you might need within ten minutes' walk from the venues or your accommodation—whether it be excellent cuisine, craft beer, or the cultural experience of museums, art galleries and theatres.



NZ Parliament, Beehive



Te Papa Museum



Parks

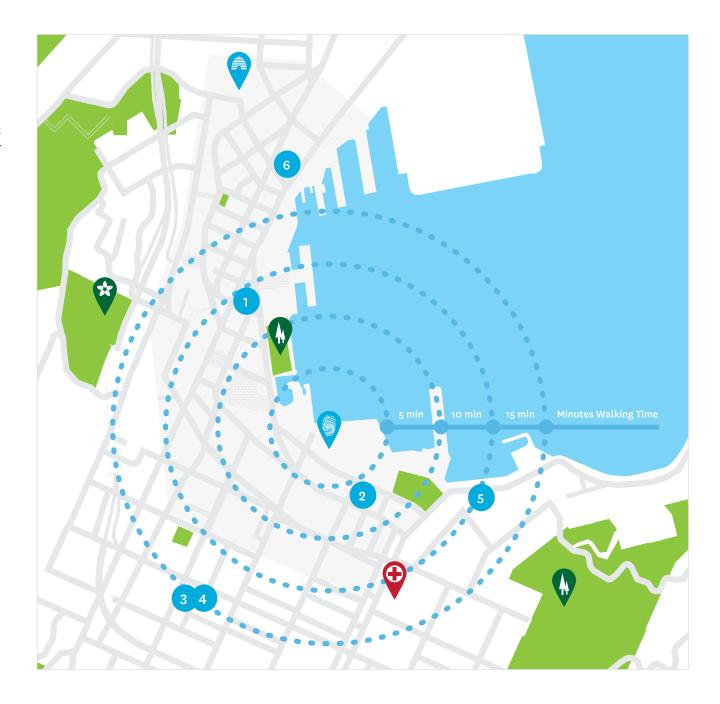


Wellington Hospital



Botanic Gardens

- InterContinental Wellington
- **QT Museum Wellington**
- - **CQ Comfort Hotel Wellington**
- - **CQ Quality Hotel Wellington**
- **Copthorne Hotel** Oriental Bay Wellington
- **Rydges Wellington**



ATTRACTIONS

The Best of Wellington

Zest Food Tours

Discover Wellington's vibrant food scene with Zest Food Tours. Their experienced guides will introduce you personally to their favourite Wellington gourmet food stores, coffee roasters, cafés and restaurants.

A Zest Wellington food tour is for people with an appetite for culinary adventure and discovering new places through food and wine. They explore this city known for its love of great coffee and food, finding culinary treasures visitors often miss.

Connect with like-minded local food lovers, meet top Wellington restaurant and food professionals and uncover culinary treasures as you enjoy a Zest food and wine tour.

Zealandia: The Karori Sanctuary Experience

Just 10 minutes from the Wellington CBD, Zealandia is a ground breaking eco-attraction. New Zealand's unique natural history and world renowned conservation movement is brought to life with a state of the art indoor exhibition. Then step through the predator-proof fence into the valley, home to some of the country's rarest birds, reptiles and insects, a sanctuary laced with 30 kilometres of walking tracks. Guides will help you spot native wildlife and explain why they are so threatened. With a goal to restore

a corner of New Zealand as closely as possible to the way it was before humans arrived, Zealandia is a don't-miss for those interested in nature, voluntourism and sustainability

Wellington Zoo

Get up close and personal with wildlife including an extraordinary range of native birds and reptiles. Wellington Zoo is a magical place of learning and fun, leaving visitors with a sense of wonder and respect for nature.

City Gallery Wellington

City Gallery Wellington provides visitors with captivating art from some of the world's most exciting artists. Whether it's the latest exhibition of New Zealand's avant-garde artists, an international collection visiting the gallery or just the gallery's renowned café Nikau, there are plenty of reasons to visit.

Wellington Waterfront

Read a book in the sun, absorb some culture in the galleries and museums, or dine casually or in style. Party into the night, join the crowd at a sporting or cultural event or take the family for a picnic with a four-wheel cycle ride. You'll find this and more on Wellington's Waterfront.

Walkways

There are six major walkways in the Wellington region. The tracks take in scenic views of the city and coast, and cover a wide range of landscapes. Walkers can hike through the changing forests of the city's town belt, windswept farmland on the coast of Makara, or through Wellington's Botanic Garden.

Weta Cave

A first-ever behind-the-scenes look at Weta.
See interviews with co-founders Peter Jackson and Richard Taylor, and check out their minimuseum. You will come face to face with some of the characters, props and displays from your favourite movies.

Wellington Botanic Garden

Wellington Botanic Garden spans over 26 hectares. It encompasses unsurpassed views of Wellington, a unique landscape, exotic forests, native bush, colourful floral displays and gorgeous specialist gardens. It is classified as a Garden of National Significance by the Royal New Zealand Institute of Horticulture, and is a Historic Places Trust Heritage Area.

PRE AND POST TOURING

Aotearoa, New Zealand North Island

New Zealand is full of things to do. The hardest thing for you, will be deciding what to do first. Every region will provide you with a unique experience. So stay a little longer to make sure you get to see more of 100% Pure New Zealand.

1. Auckland

Shop for designer clothes, scale New Zealand's tallest building (The Sky Tower) and savour fine food and wine in Auckland, New Zealand's largest city. Situated alongside three sparkling harbours and flanked by black sand beaches and native forest to the west, this multicultural hub offers the perfect mix of urban chic and outdoor excitement.

2. Hamilton

Meander through themed public gardens and along riverside trails in Hamilton. This heartland city offers an eclectic mix of metropolitan culture and rural charm and is famed for its proximity to must-do attractions like Hobbiton Movie Set and the Waitomo Caves.



3. Rotorua

Immerse yourself in Māori culture and exhilarating outdoor adventure in Rotorua. Built amidst a geothermal landscape of steaming geysers and bubbling mudpools, this tourist hotspot is home to many quintessential Kiwi experiences, from white water rafting and offroad 4WD to spine tingling Māori cultural performances.

4. Napier

Enjoy a guided wine tour through the celebrated vineyards of Hawke's Bay. The city of Napier is New Zealand's Art Deco centre and has fantastic history, a picturesque shoreline, and just the right climate for delicious orchard fruits.

5. Wellington

Dine on fine food, craft beers and world class coffee in the harbour side city of Wellington. Dubbed the "coolest little capital in the world" by Lonely Planet, Wellington also offers top opportunities for wildlife spotting and cultural discovery at the renowned national museum, Te Papa Tongarewa.

PRE AND POST TOURING

Aotearoa, New Zealand South Island

6. Nelson

Explore the long golden beaches, alpine lakes and enchanting forests of the Nelson region by kayak, car or bicycle. Home to three national parks, this region is a favourite holiday spot for New Zealanders and so beautiful you'll never want to leave.

7. Marlborough Sounds

Discover the many coves of the beautiful Marlborough Sounds on a cruise, or cycle through vineyards on a wine-tasting tour. A visit to Marlborough is incomparable, glorious sunshine, delicious food, and luxurious resorts make this area a joy to visit.

8. Christchurch

Picturesque Christchurch offers experiences for all tastes, from golf and hot air ballooning to punting on the Avon River and relaxing in its stunning Botanic Gardens. Reconstruction following a major earthquake in 2011 has seen Christchurch emerge as a city reimagined. This newfound energy earned Christchurch a spot in Lonely Planet's 2013 Best in Travel Guide as one of the top 10 cities to visit globally.

9. Queenstown

Find inspiration amongst the unforgettable landscape of Queenstown. This four-season resort is known as the adventure capital of the world. It also offers plenty of opportunity for lakeside dining, boutique shopping and tours of the region's rich gold mining history.

10. Dunedin

Broaden your mind in Dunedin, home to grand old buildings and New Zealand's oldest university. See penguins, sea lions and albatross on the nearby Otago Peninsula and experience one of the great scenic train journeys on the Taieri Gorge Railway.

PRE AND POST TOURING

New Zealand: what you need to know



Climate

The far north of New Zealand is subtropical whilst the south is more temperate. The warmest months are traditionally December, January and February, and the coolest June, July and August.

In summer, the average maximum daytime temperatures range between 20-30°C and in winter between 10-15°C. You can check weather conditions in New Zealand on the New Zealand MetService website: www.metservice.com.



Mobile telephones

Check with your phone company before leaving home about international mobile roam facilities available in New Zealand. Alternatively you can hire or buy mobile phones or SIM cards in New Zealand. Note that signal is not available in all rural areas.



Healthcare

New Zealand's public and private medical and hospital facilities provide a high standard of treatment and care. Medical services are not free to visitors. It's recommended you purchase travel and health insurance before you visit. No vaccination certificates are required. There are no snakes or dangerous wild animals in New Zealand.



Money

New Zealand's currency is the dollar (NZ\$). You can use all major credit cards in New Zealand, with Visa and MasterCard accepted most widely.



Internet and Wi-Fi access in **New Zealand**

If you're looking to stay connected to the internet everywhere you go, it's recommended that you purchase a plan from one of New Zealand's main networks. Purchasing a plan from a network will allow you to access a mix of data, calling and texting throughout your trip to suit your communication and connection needs. You will find that free Wi-Fi is available in most hotel accommodation and hospitality outlets.



Electricity

New Zealand's electricity supply runs at 230/240 volts, and we use angled two or three pin plugs (the same as Australia).



VISA INFORMATION

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Hassle free travel

Having the right passport and visa organised is the key to a trouble-free entry for delegates into New Zealand.

New Zealand's immigration requirements

We enjoy welcoming visitors to New Zealand and we'd like to think that when you come here that you have an experience to remember—but for the right reasons. So if you're coming to New Zealand, it's a good idea to make sure you have everything ready.

When you arrive in New Zealand, you'll need to be carrying a passport that is valid for at least three months beyond your intended departure date. Many people will qualify for visa-free entry, but depending on your country of origin, some will need to apply for a visa before they travel.

Do you need a visa or permit?

You do not need a visa or permit to visit New Zealand if you are:

- A New Zealand/Australia citizen or Resident Permit holder
- An Australian citizen travelling on an Australian passport
- British citizen and/or British passport holder who can produce evidence of the right to reside permanently in the UK (you can stay up to six months)
- A citizen of a country which has a visa waiver agreement with New Zealand (you can stay up to three months).

If you come from Visa-waiver countries, you don't need a visa to enter New Zealand, but are still required to provide:

- Travel tickets or evidence of onward travel arrangements
- Evidence that you can support yourself in New Zealand (approximately NZ\$1000 per month per person).

Visa Waiver Countries

Andorra	Hong Kong	Oman
Argentina	Hungary	Poland
Australia	Iceland	Portugal
Austria	Ireland	Romania
Bahrain	Israel	Qatar
Belgium	Italy	San Marino
Brazil	Japan	Saudi Arabia
Brunei	Korea (South)	Singapore
Bulgaria	Kuwait	Slovak Republic
Canada	Latvia	Slovenia
Chile	Liechtenstein	South Africa
Croatia	Lithuania	Spain
Cyprus	Luxembourg	Sweden
Czech Republic	Macau	Switzerland
Denmark	Malaysia	Taiwan
Estonia	Malta	United Arab Emirates
Finland	Mexico	United States of America
France	Monaco	Uruguay
Germany	Netherlands	Vatican City
Greece	Norway	



100% PURE NEW ZEALAND Business Events **Wellington**

WellingtonNZ.com