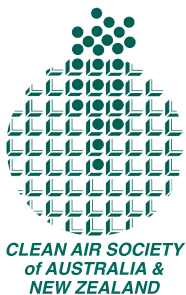


Air Quality: a healthy balance

casanZ

CHRISTCHURCH
~~5th-8th JULY 2011~~

NOW AUCKLAND
31 JULY - 2 AUGUST 2011



CONFERENCE REGISTRATION

Invitation to Attend



The New Zealand Branch of the Clean Air Society of Australia and New Zealand announces that the 20th CASANZ Conference will now be held in Auckland on 31 July - 2 August 2011. We regret greatly the need to move the conference venue and date, however circumstances in Christchurch post-earthquake are such that it would not be possible to host the conference in that city. The Local Organising Committee, of whom many are based in Christchurch, are still committed to putting on a great conference for our delegates, and we are trying to retain as much of the flavour of our originally planned Christchurch event as we can.

At the 2011 CASANZ conference, we welcome your papers and encourage debate about the basics of understanding and managing health effects due to air quality, and how we achieve balance between these health issues and the sometimes conflicting demands of local, regional and global air quality issues, nuisance avoidance, and practical solutions.

Our conference theme is **Air Quality: A Healthy Balance**. Avoiding adverse effects on health due to air quality is a foremost responsibility of all people involved in air quality science and engineering. How are we defining, measuring, assessing and managing these health effects? And does a focus on health effects take away from other pressures to manage nuisance effects, and global effects such as greenhouse gas emissions.

The conference programme, SIG workshops and training day have now been finalised. The Training Course will be held on Saturday prior to the conference.

Our conference theme is
**Air Quality:
A Healthy Balance.**

Auckland is a fantastic conference destination and we encourage you to take the opportunity and extend your stay. SkyCity Auckland Convention Centre is located in downtown Auckland, is purpose built with many hotels and apartments within easy walking distance.

On behalf of the Conference Organising Committee, I invite you to join us to consider the challenges and solutions of Air Quality: A Healthy Balance.

Tracy Freeman
Conference Chair



LOCAL ORGANISING COMMITTEE

Tracy Freeman

*Chair,
Social Programme, Marketing
Beca*

Jo Cavanagh

*Deputy Chair, Social Programme,
Technical Programme
Landcare Research*

Amy Clore

*Training
MWH*

Guy Coulson

*Technical Programme
NIWA*

Andrew Curtis

URS New Zealand Limited

Rob Hannaby

*Industry Representative
NZTA*

Brent Kennedy

CRL

Simon Kingham

*Technical Programme,
Youth Outreach
Canterbury University*

Tim Mallett

*Youth Outreach
Environment Canterbury*

Cathy Nieuwenhuijsen

*SIG Workshops, Satchels
Golder Assoc*

Arlie McQueen

*Sponsorship
CASANZ*

Barbara Velupillai

*Budget, Exec Representative
CASANZ*

Sponsors

The 20th International Clean Air and Environment Conference
would like to acknowledge the generous support
of our sponsors:

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environment and process solutions



Keynote Speakers

Bert Brunekreef, PhD



Sponsored by



Dr. Brunekreef is Professor of Environmental Epidemiology in both the faculties of Veterinary Medicine and Medicine at Utrecht University in The Netherlands. Since 2005 he has also served as Director of the Institute for Risk Assessment Sciences, a 150 persons institute located at Utrecht University. He received his academic education in Environmental Sciences from the Wageningen University in The Netherlands, and in 1985 received his Ph.D. in Environmental Epidemiology from the same institution. He joined the faculty of the Department of Environmental Health at Wageningen University in 1979 as an assistant professor, was promoted to associate professor in 1986, and has been a full professor since 1993. He moved to Utrecht University in 2000.

In 1986/1987, Dr. Brunekreef spent an academic year at the Harvard School of Public Health studying the health effects of air pollution episodes and of living in damp homes.

In 1995, he served as the main organizer of the annual ISEE/ISEA conference which was held in the Netherlands. In 1998 he was chosen to be president of ISEE for the years 2000 and 2001.

Since the early 1990s, Dr. Brunekreef has coordinated four EU funded studies (PEACE, TRAPCA, AIRALLERG and AIRNET) in the field of air pollution, allergy and health. He now acts as coordinator of the European Study of Cohorts for Air Pollution Effects (ESCAPE, 2008-2012). He has been partner in many other international collaborative studies. He has also been the PI on two studies funded by the US Health Effects Institute.

Dr. Brunekreef has served as advisor on national and international panels in the field of environmental health on several occasions, including the Dutch National Health Council, of which he is a member, the World Health Organization and the USEPA.

Dr. Brunekreef is co-author of more than 300 peer reviewed journal articles in the field of environmental epidemiology and exposure assessment. In recent years, he received the ISEE John Goldsmith award (2007), the European Lung Foundation Award (2007), an honorary doctorate of the Catholic University of Leuven, Belgium (2008), the Heineken Prize for Environmental Sciences (2008), and an Academy Professorship of the Dutch Royal Academy of Sciences (2009) to which he also was elected to become a member in 2009.

Air pollution and health: evidence, thresholds, standards

Epidemiological studies show that community air pollution has adverse health effects at very low concentrations. Ongoing research is trying to explain why this happens; which sources and components are most responsible; and whether thresholds of response can be identified.

Regulators have been struggling with the non-to-very low threshold reality for the last fifteen years or so. Integrated assessments and cost benefit analyses have been called to the rescue, and debates have been initiated on how low air quality standards can realistically be set.

While this is happening in the few fortunate countries with clean to very clean air, the rest of the world suffers from much higher air pollution concentrations indoors & outdoors with not much improvement expected any time soon.

Keynote Speakers



Prof Alistair Woodward

Alistair is Professor and Head of School of Population Health at the University of Auckland. His first degree was in medicine and he undertook his postgraduate training in public health in the UK. He has a PhD in epidemiology from the University of Adelaide. Prior to taking up his post at The University of Auckland in 2004 he was Professor of Public Health at the University of Otago Wellington. Research interests include tobacco, radio-frequency radiation and health, transport and injury, and climate change. He has worked for the World Health Organisation throughout the Pacific, and was on the writing team of the 2nd, 3rd and 4th assessment reports of the Intergovernmental Panel on Climate Change. Since 2009 he has been an editor of the Australian and New Zealand Journal of Public Health.

Sweet spots and fell swoops: common solutions for clean air, climate control and public health?

To avoid high-risk rapid changes in the world's climate, emissions of greenhouse gases will need to be cut severely and quickly. In the past, energy revolutions have been disruptive. They have caused serious environmental damage, increased social inequalities and shortened life expectancy. Are there paths to a low carbon future that can achieve the opposite result – simultaneous improvements in the quality of the environment and improved public health? This talk will review the evidence for common solutions and estimate the contribution they could make to policy goals for environment and health.

Keynote Speakers



Prof Judith Chow

Dr Chow has over 30 years of experience in atmospheric, air quality, and environmental health research and education. She leads a group of 25 research scientists and technicians in developing and applying advanced analytical methods to characterize suspended atmospheric particles for source attribution and their effects on visibility and health.

Managing multiple pollutants and multiple effects

Traditional air quality management treats pollutants individually. However air pollution consists of a mixture of substances and the effects may be greater than the sum of the parts. An integrated framework for multi-pollutant air quality management must be developed that includes co-benefits of multiple pollutant reductions on health, ecosystems, visibility and global warming. The transition will take decades; the first step is a roadmap for air quality scientists, regulators, and regulated entities.

Keynote Speakers



Prof Philippa Howden-Chapman

Director of NZ Centre for Sustainable Cities and He Kainga Oranga/Housing and Health Research Programme. Philippa is a social scientist and Deputy Head of the Department of Public Health. She teaches in the area of health and public policy. Her current research interests are reducing inequalities in health and urban systems, housing, energy, climate change and health.

Philippa is internationally recognised for her research showing for the first time links between New Zealand's cold and thermally inadequate housing, health outcomes and energy use. She has authored 150 publications on this and other public health issues.

In 2007 her 'Housing, Insulation and Health' study featured on the cover of the British Medical Journal along with three editorial comments. The study involved fitting insulation to 1350 households in low income communities and measuring the health and energy efficiency outcomes.

In 2007, driven by a desire to produce useful research to clarify the links between health, housing and urban sustainability, Philippa brought together a team of researchers from across the country and around the world to establish the New Zealand Centre for Sustainable Cities.

In 2008 Philippa received three national awards, honouring her ground-breaking research into housing and health. The Dame Joan Metge Medal, the Liley Medal and the Queen's Service Order, Companion of the Queen's Service Order.

Air quality and health: the city as a sustainable system

A city is a complex system with many different components that need to inter-relate to sustain population health. Decisions taken to improve efficiency in transport, building and the energy sector, all have impacts on air quality and health. Policies can have unintended consequences for health, unless health is considered an integral part of the outcome from the outset. The technological shift from petrol to diesel-driven cars has increased the health risks from particulates, while a shift from passive car transport to active modes of transport, such as walking and cycling, should improve air quality and increase people's physical activity, both of which are good for health. The energy shift from solid fuels to electricity and flued LPG in residential housing, reduces respiratory problems, but unless clean heating is actually installed in households, people in poorly heated homes will suffer from excess winter illnesses and are at risk of excess winter mortality, which will continue to be one of the highest in the developed world. This session will review New Zealand research in these areas and relate these sector policies to health outcomes.

Ministerial Address



Hon Dr Nick Smith

Nick Smith is the Minister for the Environment and Minister for Climate Change Issues. He was born and educated in North Canterbury and first stood for public office at the age of 18 for the Rangiora District Council while still at high school.

Having joined the National Party as a teenager, Nick has held governing positions through all levels of the organisation and has been involved in several campaigns. Nick is deeply involved in his local Nelson community and particularly enjoys constituent work.

The Ministerial Address will cover the Government's approach to air quality in New Zealand.

Saturday, 30 July		Sunday, 31 July		Monday, 1 August		Tuesday, 2 August		
Training Course 0830 – 1730 Prof Judith Chow and Prof John Watson	SIG Workshop Measurement 0900 – 1645	SIG Workshops 0800 – 1200 Modelling Greenhouse Climate Change and Health Transport Indoor Air				Keynote: Prof Alistair Woodward 8.30-0915		
						Concurrent Sessions 0915-1030		
						Transport and Health	Indoor Air	
						Regional Modelling	Ambient Air	
						Morning Tea 1030 – 1100		
		Lunch 1200 – 1300				Concurrent Sessions 1100-1230		
						Exposure and Health	Domestic Heating	Odour
						Modelling		
						Lunch 1230 – 1330		
						Keynote: Prof Judith Chow 1330-14.15		
Official Conference Opening 1300				Concurrent Sessions 1415-1530				
				Exposure and Health	Special Session	Measurement and Monitoring	Industry	
				Afternoon Tea / Student Event 1530-1630				
				Concurrent Sessions 1630-1730				
				Transport and Health	Climate change	Particulates	Modelling-Industry Applications	
Free evening	1730-1900 Welcome Reception (exhibition) Free evening				1900 Conference Dinner			
						Keynote: Prof Philippa Howden-Chapman 0900-0945		
				Concurrent Sessions 0945-1045		Indoor Air		
				Policy and Planning	Modelling–Model Evaluation	Particulates Source Contributions		
				Morning Tea 1045 – 1115				
				Concurrent Sessions 1115-1230				
				Transport–Roadside Measurement	Modelling	Emissions Inventory	Odour	
				Lunch 1230 – 1330				
				Concurrent Sessions 1330-1500				
				Transport	Indoor Air	Air Quality Monitoring	Policy and Planning	
				Afternoon Tea 1500 – 1530				
				Keynote: Hon Dr Nick Smith 1530-1600				
				Concurrent Sessions 1600-1700				
				Transport	Special session	Particulates	Policy and Planning	

Conference Programme

Awards and Presentations

There will be a number of awards presented at the conference based upon the papers presented:

Young Achievers Award –

sponsored by  **Golder Associates**

This award is open to all main authors under the age of 30 years who submit and present a paper. If eligible, please indicate on your registration form.

Excellence in Indoor Air Quality

This award will be presented for the best paper in the field of indoor air quality.

Greenhouse Award

This award will be presented for the best paper in the field of greenhouse / climate control.

Student Event

sponsored by



NZ TRANSPORT AGENCY
WAKA KOTAHI

During the Sunday afternoon tea-break, there will be the opportunity to view posters of work completed by students. The work will be from two sources:

- (1) The best piece of work from a Canterbury University 3rd Year student, looking at personal exposure, behaviour and mobility;
- (2) The best work from Year 12 students on a range of air quality projects.

Social Programme

Welcome Reception

Sponsored by



Date: Sunday, 31 July
Time: 1730 - 1900
Venue: New Zealand Room 3 & 4 Foyer
Dress: Smart Casual

Join us for an informal evening with wine and nibbles. A good opportunity to network with colleagues and to visit the trade exhibition

One (1) ticket is complementary with full and student registrations. Please indicate on your registration form if you will be attending as tickets will not be allocated automatically. Additional tickets available at NZ\$50.

Conference Dinner

Sponsored by



Date: Monday, 1 August
Time: 1900 – 2330
Venue: New Zealand Room 1 & 2
Dress: Dress as a member of your favourite sports team!
Band: HALO – one of the best bands in New Zealand with a comprehensive repertoire.

Enjoy an evening of dining, fine wine and entertainment with an opportunity for you to get together with new and old friends for a fun filled evening.

One (1) ticket is complementary with full and student registrations. Please indicate on your registration form if you will be attending as tickets will not be allocated automatically. Additional tickets available at NZ\$135.



Training Course

PM_{2.5} /PM₁₀ Measurement and Receptor Modelling for Air Quality Management

Saturday 30 July
0830 – 1730

Prof Judith Chow and her colleague Prof John Watson will present a full day training course. The course will focus on PM_{2.5}/PM₁₀ Measurement and Receptor Modelling for Air Quality Management and will cover the following:

- Overview of PM Properties and Measurement Methods
- Real-world Source Characterisation Methods
- Advances in Continuous PM Mass and Chemistry Monitoring
- PM Chemical Speciation and Applications
- Receptor Modelling Source Apportionment
- Software Demonstration
- Discussion of Air Quality Problems and Solutions



Special Interest Group Workshops (SIG)

A series of Special Interest Group workshops will run preceding the Conference. Each workshop will include short informal presentations and facilitated discussion groups. The purpose of these workshops is to provide a forum for discussing and debating the latest developments in a specific area of interest with your peers. They will be informal, informative and interactive. Conference Keynote and Invited Speakers will make contributions to relevant workshops. Workshop fees are not included in the full conference registration: see the registration form for the applicable additional fees.

Measurement Special Interest Group Workshop

Saturday 30 July – 0900-1700

The CASANZ Measurement Special Interest Group invites you to a one-day workshop on Saturday 30 July 2011 in conjunction with the biennial conference in Auckland.

Topics of discussion will include:

- the role of NATA/IANZ;
- Australian Standard processes;
- revised Australian Standards for SO₂, NO_x, and CO measurement in ambient air;
- the revised Australian Standard for meteorology, which now includes parameters in addition to wind speed and direction;
- revised Australian Standard for O₃ measurement in ambient air;
- effectiveness of the PM₁₀ BAM Australian/New Zealand Standard;
- draft Australian Standards for directional dust and fluorides;
- proficiency testing;
- whether USEPA stack methods should be adopted, or local methods developed;
- effectiveness of CEMS.

Relevant speakers will be presenting on each topic, including authors/editors of the various standards.

Saturday

Odour Workshop

Sunday 31 July – 0800-1200

MOVING FORWARD. An update on relevant issues and future directions in odour assessment. Subjects that will be covered in the workshop include:

- Applicability and problems with AS/NZS 4323.3 for sampling hoods.
- Update on emission inventory research – pig and poultry farms
- Nasal ranger – is there a role for this in ambient monitoring of odour?
- General open discussion of emerging issues, and areas of future focus for OSIG

Sunday

Modelling Workshop

Sunday 31 July – 0800-1200

The ModSIG workshop will provide updates on some key issues that have been discussed in previous workshops. It is expected to cover the following topics:

- Updates on models most commonly used in Australia & New Zealand (CALPUFF, AUSPLUME, AERMOD, TAPM), new releases, updated features and regulatory status;
- Ken Rayner (WA DEC) will present results of a multi-model verification based on a WA study, with some results that may surprise, and will no doubt spark, some discussion;
- Progress on modelling in light wind stable situations. Recent updated guidance on CALPUFF meteorological setup, developed by TRC for NSW DECCW.

Owing to the forced change of programme, a possible joint session with Transport SIG on relevant modelling issues is still being considered.

Sunday

cont'd next page

Workshops cont'd

Greenhouse Workshop

Sunday 31 July – 0800-1200

CLIMATE CHANGE AND HEALTH. The Greenhouse SIG workshop will consist of two components.

We are very fortunate to have Professor Alistair Woodward, one of the keynote speakers of the Conference, attend the workshop to give a presentation on the benefits of a reduction in greenhouse emissions on the health system.

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For the second part of the workshop, Scott Gulliver from the NZ Ministry for the Environment, will give an overview on the implementation to date of the NZ Emissions Trading Scheme, which was introduced in 2008 and amended in 2009. The workshop will include a Q&A on learnings for the progression of an Australian ETS.

Transport Workshop – Transport Related Air Pollution

Sunday 31 July – 0800-1200

The Transport Special Interest Group (TSIG) is presenting a workshop on transport related air pollution. Road transport is a significant and growing contributor to air pollutant and greenhouse gas emissions. The workshop will include a number of informative sessions with chaired discussions with “practical model applications and issues” as a generic theme. Discussion topics will include vehicle emissions modelling, traffic dispersion modelling and model validation. The discussions will emphasize the relevance and importance of these technical issues to the development and management of roading projects. The development of a harmonized Australian/New Zealand traffic emissions model will be a special discussion topic. The workshop will end with the discussion of an action plan for TSIG.

A blue, rounded rectangular badge with a white border and the word "Sunday" in white text.

Indoor Air Workshop

Sunday 31 July – 0800-1200

INDOOR AIR QUALITY RESEARCH AND MANAGEMENT. The

Indoor Air Special Interest Group would like to host a workshop on hot topics in indoor air quality (IAQ) research and management

, with particular emphasis on comparing notes between Australia and New Zealand. IAQ can be a lonely field to work in, so the workshop is intended to provide a lively and relatively informal forum for exchange with active participation encouraged. The workshop will be based around short presentations and chaired discussions around:

- IAQ research capability and projects in New Zealand and Australia
- Conflicts in Domestic Heating
- Conflict in Mould Remediation

The workshop will end with the discussion of the role of, and opportunities for, the SIG to help develop an Action Plan.

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Registration Fees

Registration is open at:

www.conferenceteam.co.nz/casanz

CONFERENCE REGISTRATION includes:

- Full registration includes all components as detailed in the programme, including morning and afternoon teas, lunches, welcome function, conference dinner and conference pack.
- One day registrations exclude evening functions

Note: Additional tickets may be purchased for the Welcome Reception and the Conference Dinner.

All fees are quoted in NZ dollars and include GST.

	Earlybird prior to 21 May 2011	Standard prior to 28 June 2011	Late registration fees after 28 June 2011
CASANZ Member *	\$1,125	\$1,250	\$1,300
Non-Member	\$1,350	\$1,500	\$1,550
Day Registration – Member	\$400	\$445	\$495
Day Registration – Non-Member	\$480	\$535	\$585
Member Student and Retirees **	\$560	\$625	\$675
Non-Member Student and Retirees	\$675	\$750	\$800
Day Student Registration (excludes Evening Functions. <i>(Must be a full-time student)</i>)	\$100	\$100	\$100
Welcome Reception – Additional Ticket	\$50	\$50	\$50
Conference Dinner – Additional Ticket	\$135	\$135	\$135

* To obtain CASANZ Membership rates, you need to become a member.
Please visit [Join CASANZ](http://www.casanz.org.au) at www.casanz.org.au

** **Students/Retirees.** Proof of identity will be required (e.g. Student ID Card or Gold Card details)

TRAINING COURSE and SIG WORKSHOPS include:

- Morning tea, lunch and afternoon tea will be provided during the Training Course and Measurement SIG on Saturday 30 July;
- Morning tea will be provided during the half-day SIGS on Sunday 31 July. At the end of the half-day SIGS, delegates will be welcome to join the main conference delegates for lunch in advance of the conference opening.

	Earlybird prior to 21 May 2011		Standard after 28 June 2011	
	Member	Non-Member	Member	Non-Member
Training Course: Saturday*	\$630	\$755	\$700	\$840
SIG Workshop-Measurement: Saturday (full day)*	\$315	\$380	\$350	\$420
Workshops: Sunday morning* Odour, Modelling, Transport, Indoor Air and Greenhouse (Half day only).	\$160	\$190	\$180	\$215

* If you attend the Training Course, a SIG Workshop and the Conference, you will receive a discount of \$50 off your total conference cost.



BLOCK BOOKINGS: If your organisation sends 5 or more delegates to the conference, the 5th and subsequent registrations will receive a 20% discount off the conference registration fee. Please email linda@conferenceteam.co.nz to advise names of group attendees.

General Information

SKYCITY Auckland Convention Centre is the newest and most technically advanced in New Zealand with a reputation for excellence in service and hospitality. It is located in the heart of Auckland City on the corner of Victoria and Federal Streets.

Residents and visitors enjoy the breathtaking 360 degree views right across Auckland from the 328m tall Tower, or if it is adrenaline that you are seeking, take a walk around the top of the famous pegola or Sky Jump off!!

Auckland Airport is an easy 45 minute drive away by bus, car or taxi. The Airbus departs every 15 minutes to the city, and costs about NZ\$16 each way, shuttles are NZ\$25 per person and departs fairly regularly.

If you are travelling by taxi, they are located outside the domestic and international terminals and cost approximately NZ\$70 into the city.

Registration

Your early registration is appreciated. This helps the Organising Committee with planning and ensures the tours and the accommodation you select are available. You can register on line at: www.conferenceteam.co.nz/casanz or by completing the registration form accompanying the registration brochure and return it with your fees to: CASANZ Conference 2011, C/- The Conference Team, PO Box 20 051, Christchurch 8543 or fax to: +64 3 359 2602. Cheques should be made payable to 'CASANZ Conference'. Confirmation of receipt of your registration and payment will be forwarded. **Please note:** Authors of successful oral papers must register to attend the Conference by **28 May 2011**.

Social Programme

As a registered delegate we assume you will attend all social functions listed in the programme. As a courtesy, please advise The Conference Team before the conference of any functions you will not attend. Additional tickets are available for purchase for The Welcome Function and Conference Dinner if required for partners.

Registration Cancellation

A cancellation fee of \$99 will be charged prior to 27 May 2011. Thereafter refunds will be at the discretion of the Organising Committee and processed after the conference. No refunds will be made for late arrival or early departure, whatever the cause. Registrations may be reassigned to another person from the same organisation without penalty. Please notify The Conference Team in writing of any changes to your conference registration.

Conference Cancellation

If, for reasons beyond the control of CASANZ the conference is cancelled, registration fees will be refunded after deduction of expenses already incurred.

Insurance / Liability

Participants carry their own risk for personal injury or loss of property during the conference. CASANZ and the conference administrators are in no way responsible for any claims concerning insurance. The Conference Organising Committee, CASANZ, SkyCity Auckland Convention Centre or The Conference Team accepts no liability for death or illness, or injury / accident to or financial loss by any person attending the conference, whatever the cause. Registration will indicate an acceptance of these conditions by the delegate and /or partner.

In the event of industrial disruptions or natural disasters, the Clean Air Society of Australia and New Zealand (CASANZ), and The Conference Team, cannot accept responsibility for any financial or other losses incurred by delegates.

Disclaimer

The information contained in this registration brochure is correct at time of printing. The CASANZ 2011 Conference Committee reserves the right to alter or delete items from the programme as circumstances dictate.

Changes will be notified on the conference website:

www.conferenceteam.co.nz/casanz

Enquiries

For further information, please contact The Conference Team:

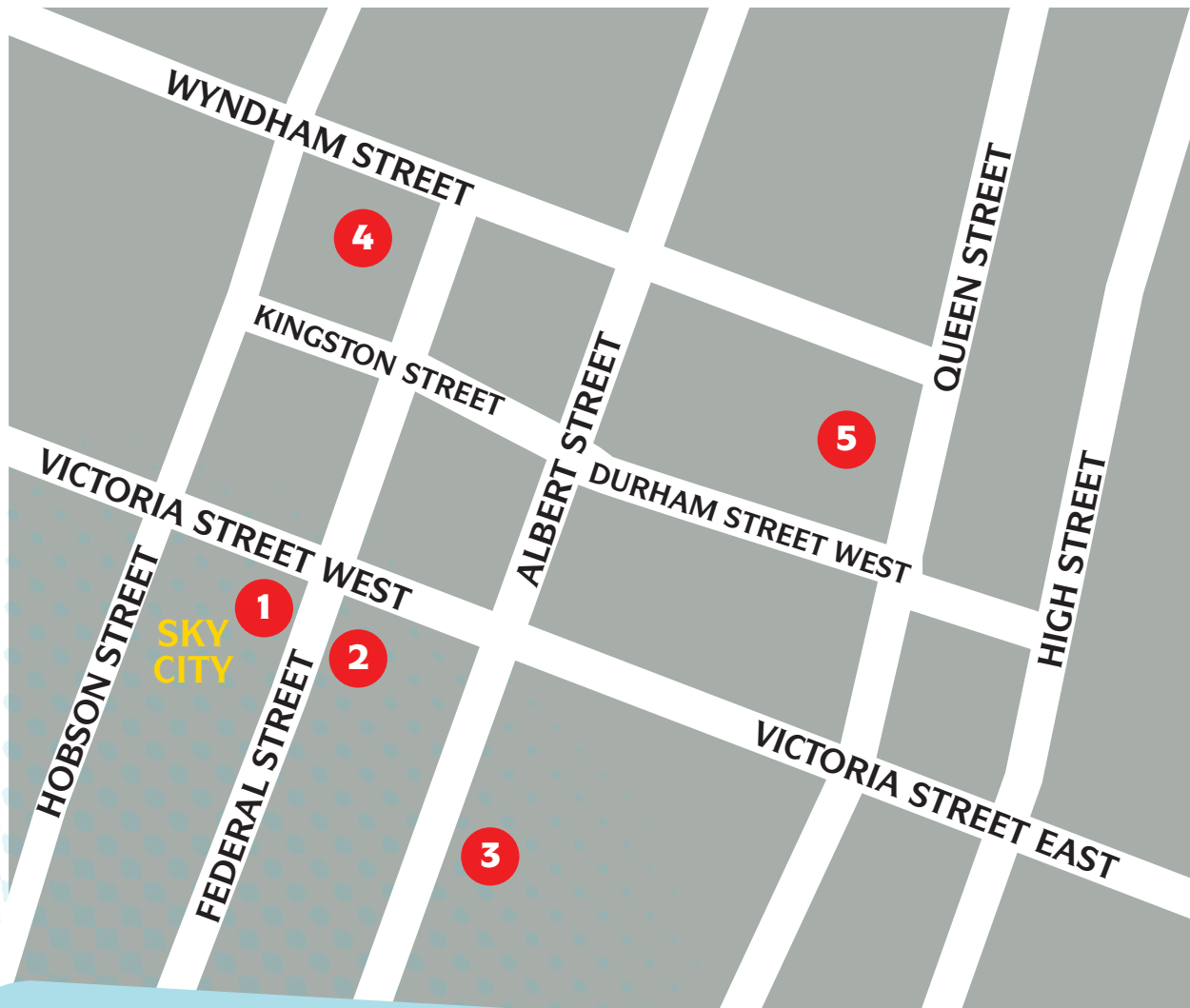
P: 64 3 359 2615

F: 64 3 359 2602

E: linda@conferenceteam.co.nz



Accommodation



AUCKLAND

- 1** SkyCity Hotel
- 2** SkyCity Grand Hotel
- 3** Crowne Plaza
- 4** Rydges
- 5** CityLife Auckland Apartments

Special conference rates have been negotiated for delegates at Hotels listed below, all walking distance to the SkyCity Auckland Convention Centre.

To obtain these rates prepayment of a minimum of one night is required with registration. Alternatively your credit card details can be passed to the hotel as security.

Costs quoted are per room, per night based on single or double occupancy and include GST. Cancellations within 30 days will incur a cancellation fee - usually one night will be charged. All bookings are subject to availability.

Accommodation cont'd

1 SkyCity Hotel

connected by airbridge to the SkyCity Convention Centre

Cnr Victoria and Federal Streets

Rate: Premium – NZ\$195

Rating: Moderate

Facilities: Superbly appointed rooms refurbished to a stylish contemporary standard. In room amenities include air conditioning, Satellite TV, high speed internet access, mini bar, refrigerator, iron and ironing board, tea and coffee facilities, complementary newspaper.

2 SkyCity Grand Hotel

downstairs from SkyCity Convention Centre
90 Federal Street

Rate: Premium – NZ\$245

Rating: Deluxe

Facilities: Commitment to service and excellence that is unrivalled. Separate bath and shower, king sized or twin super sized beds, writing desk and ergonomic desk chair, refreshments bar, coffee/tea maker, hairdryer, alarm clock, in-room safe, dual-line telephone, international direct dialing, iron and ironing board and 24 hour room service. A data port, in-room internet access, in-room movies and PlayStation (games are available for additional charge).

3 Crown Plaza

One minute walk to conference venue
128 Albert Street

Rate: Superior – NZ\$169

Rating: First Class

Facilities: Satellite TV, complementary newspaper, hairdryer, pay per view movies, in room safe, air conditioning, iron and ironing board, mini bar, voice mail, work desk.

4 Rydges

Two minute walk to the SkyCity Convention Centre
59 Federal Street (corner Kingston Street)

Rate: Superior – NZ\$160

Rating: Moderate

Facilities: Broadband and wi-fi access, in-room safe, mini-bar and refrigerator, tea/coffee making, hairdryer, valet parking (NZ\$28 for 24 hours), gymnasium, non-smoking rooms.

5 CityLife Auckland (Apartments)

Five minute walk to the SkyCity Convention Centre
171 Queen Street

Rate: Studio with kitchenette –NZ\$189

Rating: Moderate plus

Facilities: 24 hour room service, broadband internet in all rooms, gymnasium, indoor heated swimming pool, restaurant and bar, business centre, parking (NZ\$35 per day), non-smoking with designated smoking areas.