

# 6th World Environmental Education Congress **EXPLORE EXPERIENCE EDUCATE**

Tuesday 19 – Saturday 23 July 2011 | Brisbane, Australia

Brisbane Convention & Exhibition Centre | Queensland | Australia



# **6th World Environmental Education Congress**

Hosted by



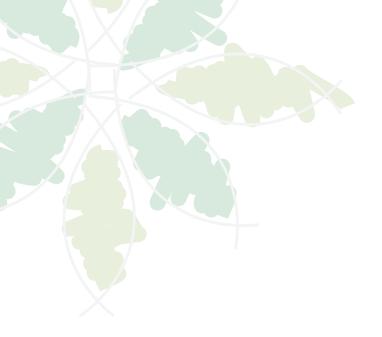


working for sustainability

In co-operation with the WEEC Permanent Secretariat



# **PROGRAM BOOK**













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# About the Australian Association for Environmental Education



The Australian Association for Environmental Education (AAEE) is Australia's peak national professional association for environmental and sustainability educators. AAEE provides an opportunity for professionals interested in environmental and sustainability education to come together, network and share their knowledge and expertise in environmental education research, policy and practice. For further information please visit www.aaee.org.au.

# **About the WEEC Permanent Secretariat**

The WEEC Permanent Secretariat manages the biennial World Environmental Education Congresses and hosts the World Environmental Education Network. The World Environmental Education Network is a network that encourages research and debate around key environmental education issues. The Network was established to provide continuity between WEECs and to encourage the exchange of thoughts, experiences and proposals between Congresses. For further information, please visit www.environmental-education.org.



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### **GRIFFITH UNIVERSITY**

Gold Coast - Logan - Mt Gravatt - Nathan - South Bank

# **Welcome from the Organising Committee**

On behalf of the 6th World Environmental Education Congress (WEEC) Organising Committee we warmly welcome delegates to Brisbane, Australia.

The 6th WEEC provides an opportunity for environmental and sustainability educators from around the world to come together to Explore, Experience and Educate. As we face increasing challenges, not only environmental but also economic and social, the role that we as environmental educators have to play is only growing in importance. We have invited keynote speakers who can provide us with insights into the key issue of climate change, including Prof. Jean Palutikoff, a climate scientist; Dr Hum Gurung and Ms Emeretta Cross who will provide insights into onthe-ground impacts; and a youth panel who will explore the impacts of climate change on their future. Respondents from the field of environmental education will help to draw out the implications for us of the keynote addresses. We hope that these sessions will set the tone for the Congress—that new and challenging ideas are presented and then discussed, debated and reshaped by delegates. There is a wide range of paper, roundtable and poster presentations covering the nine congress themes. In addition we have a number of parallel events such as the Queensland Outdoor and Environmental Education Centres "Learning beyond the classroom" activities where delegates will have an opportunity to join with school students and their teachers in a number of outdoor events; a special Sustainable Drinks session for delegates to meet with environmentalists from Brisbane; an interactive artistic soundscape called Sonic Babylon; and a number of field trips.

The Congress is taking place in an area known as Kurilpa, which was for centuries before European settlement a neutral meeting place for a number of Aboriginal tribes who came together to meet and share the bounty of the land and the river. You, the delegates, come to this meeting place from over 40 countries to share stories, experiences and insights. We wish you well in your dialogues with one another as we together explore and experience the world of environmental education, and discuss and examine our environmental education practices. We look forward to meeting you and hope that your experience at the Congress leaves you feeling stimulated, inspired, invigorated and motivated.





Jo-Anne Ferreira 6th WEEC Co-Chair



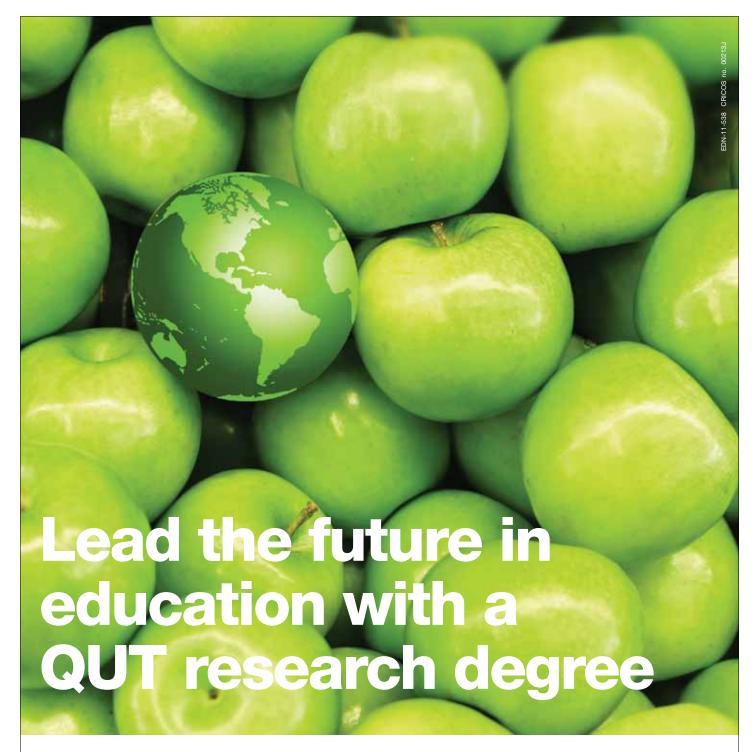
R Machanjie.

Cam Mackenzie 6th WEEC Co-Chair

# **Organising Committee**

The 6th WEEC Organising Committee includes environmental educators from around the world, as well as members of the Executive of the Australian Association for Environmental Education (AAEE). The Organising Committee is made up of a number of sub-committees, including a Socio-Scientific Committee and a Local Organising Committee. An Advisory Board, consisting of previous Congress Chairs and leading environmental educators, has provided direction to the Organising Committee. Active members of these committees and the Advisory Board are listed on the Congress website. We would like to thank the many people who have generously donated their time and energy to assist in the organisation of the 6th WEEC.

Cam and Jo would like to acknowledge in particular the on-the-ground assistance provided by our fantastic volunteer Local Organising Committee: Ali van der Graaf, Andre van Zyl, Erin Lloyd, Hilary Macleod, Joelle Bridger, Julie Davis, Lisa Ryan, Miranda Mason, Noeleen Rowntree, Paul Hempill, Ruth Vickery, and Sharon Marks; the thematic niche coordinators: Abel Attiti, Alan Reid, Andre van Zyl, Bob Jickling, Bob Stevenson, Chris Eames, Hilary Macleod, Julie Davis, and Lisa Ryan; and our volunteers at the Congress. Our profuse apologies if we have missed anyone!



If you have a passion for education – including education for sustainability – a research degree from the Faculty of Education at Queensland University of Technology (QUT) gives you the opportunity to start on your research project and upgrade your professional qualifications.

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#### More information

Phone (07) 3138 3460, email education.research@qut.edu.au or visit www.education.qut.edu.au/research/



# Welcome from the WEEC Permanent Secretariat

# **Greetings to the participants**

This 6th World Environmental Education Congress takes place in the Asia-Pacific, a region that has recently seen tremendous natural disasters, from the tsunami and the destruction of nuclear power plants in Fukushima, Japan, to rising sea levels that threaten small islands and the lower coastal regions; from desertification in China to floods and cyclones right here in Australia. These are not only natural but also man-made disasters: the result of man's action on the planet. As suggested by the sociologist Ulrich Beck, unfortunately there have been many confirmations that humans live in an era of global risk.

Our biodiversity is increasingly at risk in an overpopulated planet struck by global warming. Water, food and soil are increasingly insufficient resources that are subject to stress, unfairly distributed, and are a source of conflict and appropriation by richer and more powerful nations. Environmental refugees and migration are multiplying. This is the situation we find ourselves in as we get together for our Congress.

The WEECs have been an ambitious, difficult and partially-won challenge. We have been meeting regularly since 2003, bringing together thousands of experts and educators from every continent. Following Congresses in Portugal, Brazil, Italy, South Africa, Canada and the 6th WEEC in Australia, we are already planning the next Congress in Morocco in 2013. We are also considering candidates for the Congresses in 2015 and 2017.

In short, environmental education is alive and well in the world, but we are also called on to make a greater commitment to reflection and discussion, to an ever more determined action of building increasingly popular and effective networks at the local, regional and global level.

Environmental education must become even more incisive and provide the maximum possible contribution to the emergence of a global system made up of peaceful and cooperative relations between peoples and cultures; a fraternal relationship between humanity and other living beings and with the planet as a whole; and modes of production and consumption profoundly reoriented towards an ecological economy. Environmental education must be the key to "learning for change".

To achieve this, environmental education needs to mobilise and involve all fields of learning and all disciplines, and must support the "science of sustainability" and deal with all (and many) issues of a complex and rapidly changing situation.

I hope that this WEEC in Brisbane is another step forward towards even better environmental education and I hope that all of you have very constructive discussions during this Congress.



Mario Salomone

**Secretary General of the WEEC network** 

# **Eco-responsibility policy**



The 6th WEEC eco-responsibility policy encourages all participants to address the issues of environmental sustainability. We believe the long term sustainability of our local, regional and international communities requires education and action to achieve a balance of shared environmental, social, cultural, ethical and economic benefits.

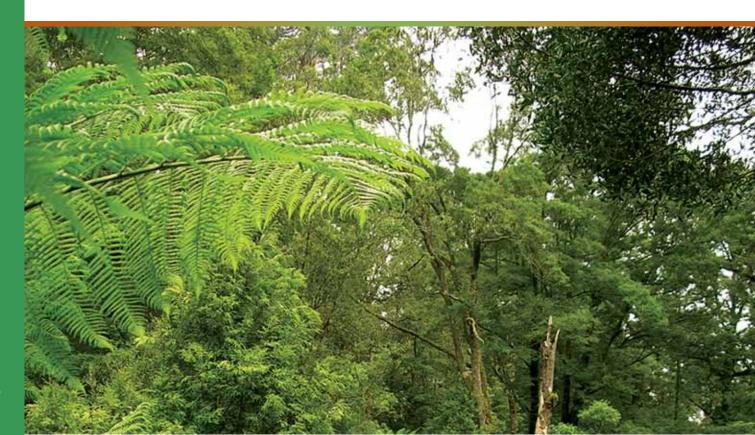
Sustainable event management is about applying sustainable development principles to the management of events. Specifically, it looks at minimising an event's ecological footprint and ensuring that it does not impact negatively on the communities and stakeholders involved. At the 6th WEEC we will achieve this by partnering with delegates, organisations and businesses to provide guidance, awareness and knowledge, as well as sharing answers and solutions that contribute to sustaining our current needs without compromising needs of future generations.

#### We have ensured that:

- > Environmental education is at the very centre of the work of the eco-responsibility sub-committee.
- Measures to help mitigate the negative impacts and enhance the positive impacts of this Congress on our environment and on society have been adopted.

#### What we have done:

- Limited resource use and water and energy consumption.
- Committed to seeking to achieve a zero waste event and ensuring ecological waste management.
- > Targeted zero-carbon emissions by limiting our CO2 emissions.
- Off-setting our carbon emissions through committing funds to offset projects.
- Measurement and reporting that covers Congress activities including organisation and planning processes, venue utilities and catering, delegate travel and accommodation and exhibitor displays. Delegates, exhibitors and suppliers will be invited to play an active role in the measurement process to establish the true event footprint and determine the success of our actions to promote our obligation for eco-responsibility. We are aiming to measure our energy, water, waste, and travel and transport consumption.



# PROGRAM BOOK

# **Sponsors**

# **Platinum sponsor**



# Message from the Premier of Queensland

A warm welcome to delegates for the 6th World Environmental Education Congress.

Queensland is blessed with a great climate and stunning natural beauty.

However, our natural environment and enviable lifestyle is under threat from climate change.

Environmental education will be the key to reducing our carbon footprint and protecting land for nature conservation and public recreation in line with our *Towards Q2: Tomorrow's Queensland* 'green' targets.

The legacy of last year's Year of Environmental Sustainability in Queensland schools is now filtering out through our communities. Young Queenslanders are more climate-conscious than ever before and, as a result, more households and businesses are adopting new environmentally sustainable practices.

The success of the Year of Environmental Sustainability has highlighted the importance of environmental education both in our schools and across the wider community.

It is an honour for Queensland to host the 6th World Environmental Education Congress. After the hard work is done I hope delegates can take time out to experience all that Oueensland has to offer.

# ANNA BLIGH MP PREMIER OF QUEENSLAND



# **Gold sponsor**



# We're leading the way with our environment degrees.

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www.griffith.edu.au/environment-planning-architecture.

# **Silver sponsors**





# **Bronze sponsors**









# **Congress partner**



# **Media partner**



#### Other assistance

The Congress acknowledges the promotional support received from the New Internationalist Magazine (www.newint.com.au) and the COOEEads service (www.cooeeads.com.au).

# **Speakers**

# **Keynote speakers**



**Emeretta Cross** *Merethan Vision, Victoria* 

Born on Banaba, Emeretta is proud of her Tuvalu and Kiribati heritage. Awarded a scholarship to study at Brigham Young University—Hawaii Campus, she studied degrees in both Communication and Theatre. Her theatrical experience rewarded her with the opportunity to further work with community affairs in Laie and Manoa where she became involved with local focus groups. These opportunities filled Emeretta with the passion to use entertainment as the medium to touch lives and make a change.

In 1992, Emeretta moved to Melbourne where she got married and had a son and it was here that Merethan Vision was born. A combination of both her name and her son's, the company was established to mould a way for her son to learn about his culture and a purpose in life. Through Merethan Vision productions and events, Emeretta hopes to share with other parents and children that which is important; to have an identity and find a purpose.

Tuvalu and Kiribati are threatened by environmental changes. These realities have provided an opportunity for Emeretta to become an identity in the climate change sector by speaking on known conditions facing her people, including displacement and loss of land. Her goal now is to liaise with leaders and activists for sustainable options for all the low lying regions. She is an advocate and presents for Oxfam, CANA, Youth Coalition Australia, Friends of Earth, Melbourne University, Federation Square—Gift of Light annual project and Footscray Community Art Centre.



**Hum Gurung** *Bird Conservation Nepal, Nepal* 

Hum Gurung is Chief Executive Officer of Bird Conservation Nepal. He received his PhD in investigating participatory governance in protected area management from the School of Environment, Griffith University, Australia. Dr Gurung is Member of IUCN's Commission on Education and Communication (CEC), and Environmental, Economic and Social Policy (CEEP). He was associated with the internationally renowned Annapurna Conservation Area Project (ACAP) of the National Trust for Nature Conservation, Nepal as Conservation Officer and Conservation Education and Extension Officer from 1986–1996. He worked for the United Nations Development Programme (UNDP) as National Programme Manager of the Sustainable Community Development Programme, known as Nepal Capacity 21, between 1997 and 2004.

His research interests include participatory action research and community-based approaches for environmental education, sustainable development, climate change, biodiversity and tourism management in protected areas. Hum has also provided consultancy services to a number of esteemed global environmental organisations including the United National Development Programme (UNDP); the International Union for Conservation of Nature (IUCN); World Wildlife Fund (WWF); and the Australian based Sustainable Tourism Cooperative Research Centre (STCRC).



**Jean Palutikof**National Climate Change Adaptation Facility,
Queensland

Professor Jean Palutikof is Director of the National Climate Change Adaptation Research Facility at Griffith University. She took up the role in October 2008, having previously managed the production of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report for Working Group II (Impacts, Adaptation and Vulnerability), while based at the UK Met Office.

Prior to joining the Met Office she was a Professor in the School of Environmental Sciences and Director of the Climatic Research Unit at the University of East Anglia, UK, where she worked from 1979 to 2004, and a lecturer at the Department of Geography, University of Nairobi, Kenya, from 1974 to 1979.

Her research interests focus on climate change impacts and the application of climatic data to economic and planning issues. She specialises in the study of changes in extreme events and their impacts, especially windstorm. She was a lead author for Working Group II of the IPCC second and third assessment reports. She has authored more than 200 papers, articles and reports on the topic of climate change and climate variability. Her proudest moment to date was attending the ceremony in 2007 at which the IPCC was awarded the Nobel Peace Prize.

# Youth panel members

# **Facilitator**



James Mulligan

Queensland Youth Environment Council, Queensland

James is the Youth Engagement and Communication Co-Chair of the Queensland Youth Environment Council which provides advice to the Minister for Climate Change and Sustainability and the Minister for Education and Training on youth perspectives on environmental issues. Since graduating from the University of Queensland, James has been able to bring his passion for the environment and sustainability into practice as a town planner with AECOM, helping to find innovative solutions to many of the planning issues and opportunities our urban and regional areas face.

# **Presenters**



Liz Clarke

Department of Environment and Resource Management, Queensland

Liz Clarke holds a Bachelor of Urban and Environmental Planning and has experience in the environmental industry in both the private and public sectors. Liz currently works as a Senior Environmental Officer with the Department of Environment and Resource Management in Mackay. Her work involves carrying out compliance and development assessment activities under Queensland's environmental, coastal and planning legislation. Liz is also of Aboriginal heritage, with her traditional country being Kanolu in Blackwater and Central Queensland. She is very passionate about incorporating traditional Indigenous ways of knowing and values into land-use planning and environmental management.



**Shena Iarvis** 

Runcorn State School, Queensland

Shena Jarvis has been working for Education Queensland since 1984 after attending Mt Gravatt Teachers College in Brisbane. She has taught all year levels and currently enjoys working with year seven students. Shena has also recently undertaken the role of Acting Deputy Principal and found it to be both a challenging and enjoyable experience.

Over recent years Shena has followed her interest in sustainability and taken on leadership roles in her school with programs such as Earth Smart and Science Sparks as well as working cooperatively with Toohey Forest Environmental Education Centre and Green Cross Australia to promote environmental education to teachers and most importantly her students.



**Ahri Tallon** 

Australian Youth Climate Coalition, New South Wales

Ahri Tallon grew up in the Northern Rivers of NSW and is 20 years old. From a young age Ahri was exposed to the values and practices of environmentalism however it was not until he saw the documentary *An Inconvenient Truth* that he became inspired to take action.

Before moving to Sydney, Ahri was an active environmentalist in his hometown community through the Police Community Youth Clubs and through founding the Northern Rivers Youth Environmental Society. His passion for environmental education stems from the frustrations he experienced while attempting to transition his high school to sustainable practices. After a gap year planting trees Ahri studied at Macquarie University and in late 2009 he became involved with the Australian Youth Climate Coalition. Over time he increased his involvement and has now become a vital volunteer within the organisation. Ahri has taken a year off study to act as the NSW co-coordinator and the Education Policy coordinator, as well as focusing on helping to build a grassroots climate movement.

# Respondents



**Julie Davis** *Queensland University of Technology, Queensland* 

Dr Julie Davis is Senior Lecturer, School of Early Childhood, Queensland University of Technology, Brisbane. As a long-time advocate for early childhood environmental education, Julie co-founded the Queensland Early Childhood Environmental Education Network in 1995 aimed at building support amongst early childhood teachers for environmental education. As a teacher educator she recently edited the world-first textbook on early childhood education for sustainability. As a researcher she is pushing for research to inform and underpin the curriculum and pedagogical decisionmaking of early childhood teachers.



**Justin Dillon** *King's College London, England* 

Justin Dillon is Professor of Science and Environmental Education and Head of the Science and Technology Group at King's College London. He taught in London high schools for nine years before joining King's College in 1989. Justin's research interests include teaching and learning in schools, museums, science centres and in the outdoor classroom. He is President of the European Science Education Research Association and co-edits the *International Journal of Science Education*.



**Bob Jickling** *Lakehead University, Canada* 

Bob Jickling is Professor of Education at Lakehead University where he teaches environmental, experiential and outdoor education and environmental philosophy. He founded the *Canadian Journal of Environmental Education* (1996) and more recently co-chaired the 5th World Environmental Education Congress in Montreal (2009). He has also received the North American Association of Environmental Education's Awards for Outstanding Contributions to: Research (2009) and Global Environmental Education (2001). As a long-time wilderness traveller much of his inspiration is derived from the landscape of Canada's Yukon.

# **wEEcED Congress dinner speaker**



**lan Lowe** *Griffith University, Queensland* 

Ian Lowe AO FTSE is Emeritus Professor of Science, Technology and Society at Griffith University and President of the Australian Conservation Foundation. He directed Australia's Commission for the Future in 1988 and chaired the advisory council that produced the first independent report on the state of the Australian environment in 1996. Among many advisory roles, he is a member of enHealth Council, the Radiation Health and Safety Advisory Council, the Queensland Climate Change Council and the Sustainable Energy Advisory Council.

# Social activities

# Lunches

Lunches on Wednesday, Thursday and Friday are included for fulltime delegates and for day delegates on their day of registration. There will also be daily lunch time entertainment for delegates in the exhibition hall.

# Tuesday 19 July 2011

# **Welcome reception**

Exhibition hall, Great Hall 3 & 4, Brisbane Convention & Exhibition Centre 1730–1930 hours

Join friends and colleagues for a warm welcome to Brisbane and the 6th WEEC.

**Includes:** Drinks and canapés

Cost: Included for fulltime registrants
Additional tickets: AUD80 per person for day

**dditional tickets:** AUD80 per person for day registrants and guests

**Dress:** National dress or smart casual

Note: Due to health and safety

regulations 'national dress' must

include footwear.

# Thursday 21 July 2011

# **wEEcED Congress dinner**

Plaza Ballroom, Brisbane Convention & Exhibition Centre 1800–2300 hours

Conserve your energy for the wEEcED Congress dinner! Turn back the (digital) clock: before techno there was disco so let's go retro—dig out your (LED) flares, recycle your old dance steps and groove to the (carbon) foot(print) stomping sounds of the 6os and 7os!

**Dinner speaker:** lan Lowe AO

Includes: Dinner, drinks and entertainment
Cost: Included for fulltime registrants

(excluding students)

Additional tickets: AUD120 per person for fulltime

student registrants, day registrants and guests

**Dress:** Recycled, second hand or vintage

clothing

# Restaurant guide

Brisbane offers an impressive variety of culinary delights just a short walk from the Congress venue. Enjoy a relaxed evening dining in one of South Bank's many restaurants and sidewalk cafes. See the staff at the Brisbane Marketing desk inside the exhibition hall for restaurant suggestions.

# **Cancellation policy (social activities)**

- > The Congress reserves the right to cancel or vary social activities if minimum numbers are not reached.
- Regrettably, additional social activity ticket cancellations cannot be refunded if participation is cancelled less than 72 hours prior to the function.



# Field trips

# Saturday 23 July 2011

Please note there are limited places available for the field trips. Please see staff at the 6th WEEC registration desk should you wish to participate in any of these field trips.

Field trip participants should meet in the main foyer of the convention centre near the Congress registration desk. The dress code for all field trips is casual—we suggest you wear comfortable walking shoes and you may need a hat and sunglasses (even though it is winter in Brisbane). Remember to bring your sunscreen, camera, water bottle and a jacket. Please refer to specific field trip information below for any other items that participants are recommended to bring.

# 1. Binna Burra Mountain Lodge

**Duration:** Full day (0800–1730 hours) **Cost:** AUD120 for Congress delegates

AUD175 for non-delegates
Inclusions: Transport, meals (morning tea and

lunch) and guided walks

Situated in the World Heritage listed Lamington National Park, Binna Burra Mountain Lodge is an authentic heritage listed lodge that has welcomed guests since the early 1930s. Winding through an ancient Antarctic Beech forest, along exposed escarpments and into heath-land, be amazed by the rich abundance of birds and unique wildlife that inhabit this complex and diverse ecosystem. Participants will be led on a guided interpretive rainforest walk and sustainability and eco-tourism walk and talk. Binna Burra Lodge holds the enviable status of being the first Australian property to attain the internationally recognised Green Globe Certification for its best practice environmental performance, and was listed in the top 10 Eco-Lodges and Green Hotels in the World.

#### Additional items to bring:

- > Binoculars
- > Warm clothes





# 2. Boondall Wetlands

**Duration:** Full day (0930–1730 hours) **Cost:** AUD136 for Congress delegates

AUD191 for non-delegates
Inclusions: Transport, meals (morning)

Transport, meals (morning tea, lunch and afternoon tea), activities (including canoe equipment if applicable) and guided walks

The Boondall Wetlands Environment Centre was opened in 1996 and is managed by Brisbane City Council. Boondall Wetlands lies at the edge of Moreton Bay and includes more than 1,100 hectares of tidal flats, mangroves, salt marshes, melaleuca wetlands, casuarina forests, grasslands, open forests, woodlands and estuarine environments. The Wetlands play host to a diversity of wildlife including being internationally important to migratory shorebirds. Come along and enjoy guided walks and gain a cultural understanding of the indigenous use of the area and the importance of this site environmentally. Enjoy some bush foods for lunch and then choose between either a three-hour canoe ride or a three-hour interactive presentation on the education programs Boondall offers.

Please note: delegates who choose to participate in canoeing should have a moderate level of fitness and be comfortable participating in water-based activities.

# Additional items to bring:

- Mosquito repellent
- > Binoculars
- > Long sleeved shirt

# 3. Cruise Maroochy Eco Tours

**Duration:** Full day (0800–1600 hours) **Cost:** AUD147 for Congress delegates

AUD202 for non-delegates

Inclusions: Transport, meals (morning tea and

lunch), boat cruise and guided walk

Cruise Maroochy Eco Tours is a highly awarded specialist eco-tourism operator that has plied the waters of the Maroochy River in the Sunshine Coast region for more than two decades. The journey will take participants cruising through the river islands, rainforest regions, Coolum Creek ecosystem and wetland sanctuary regions. You will discover the mysteries and secrets of the river and see animals like wallabies, kangaroos, and huge variety of bird life as you journey along the river and then step on land to take a guided walk. You will also enjoy lunch on the boat and learn about the indigenous people and their connection to the Maroochy River.

#### Additional items to bring:

- > Mosquito repellent
- > Binoculars

# 4. Currumbin Wildlife Sanctuary

**Duration:** Full day (0800–1730 hours) **Cost:** AUD117 for Congress delegates

AUD172 for non-delegates

Inclusions: Transport, entrance to sanctuary (including wildlife hospital) and

shows, meals and guided walk

This field trip will take participants to one of the leading wildlife sanctuaries in Australia with one of the largest collections of Australian native wildlife in the world. Established nearly 60 years ago, participants will be led by volunteers on a guided walk around the park, including the wildlife hospital. You will also be given a presentation on the education programs offered to school groups and general visitors to the centre. Enjoy lunch and leisure time as you wander around and discover the unique wildlife that Australia has to offer. The day concludes with local indigenous people sharing some of their knowledge, stories and dancing with participants.





# 5. Griffith University EcoCentre

**Duration:** Half day (1000–1415 hours) **Cost:** AUD96 for Congress delegates

AUD151 for non-delegates

**Inclusions:** Transport, lunch and guided tour

The Griffith University EcoCentre is a true Australian education experience. On this field trip participants will be shown the environmental initiatives at the centre and the education programs it runs. The centre is built using sustainable design principles and you will have an up close and personal experience with some wildlife that call the Toohey Forest home, including snakes, turtles, fish and lizards. Enjoy a scrumptious lunch surrounded by the beautiful Toohey Forest, one of Brisbane's urban forests.





# 6. Redlands Eco Adventure

Duration: Cost:

**Inclusions:** 

Full day (0800–1845 hours)
AUD108 for Congress delegates

AUD163 for non-delegates

Transport, meals (morning tea and lunch), guided walks and dance and talk from local Indigenous people

The Redlands IndigiScapes Centre showcases indigenous plants and promotes nature-related activities. The 14.5-hectare site is managed by the Redland City Council and offers plants for sale, demonstration gardens and environmental education programs for schools and the general community. At IndigiScapes you will enjoy a short presentation, guided walk and a bite to eat before you head for the barge over to North Stradbroke Island. Once on the island, you will be welcomed by the local Indigenous people and listen to stories of the past and hopes for the future. You will also visit the local art gallery and then head to the beach to see if you can see the migrating humpback whale, sea turtles, dolphins or other animals (such as koalas) that live on the island. Along the way, you will learn about the education programs on the island relating to caring for the island's unique environment.

#### Additional items to bring:

Swimwear (for those who wish to swim)

# **Cancellation policy (field trips)**

- > The Congress reserves the right to cancel or vary field trips if minimum numbers are not reached.
- Regrettably, field trip cancellations cannot be refunded if participation is cancelled less than five working days prior to the trip.

# Disclaimer (field trips)

The 6th World Environmental Education Congress, Australian Association for Environmental Education, WEEC Permanent Secretariat and MCI (formerly Event Planners Australia) and their agents act only as organisers of these activities and do not accept responsibility for any act or omission on the part of the service providers. No liability is accepted for any inaccuracy, misdescription, delay, damage, death or personal injury. Field trip list is correct as at time of printing and is subject to change without notice.



# Parallel activities

A number of parallel activities are being run in conjunction with the Congress, including the "Learning beyond the classroom" activities run by the Outdoor and Environmental Education Centres. These activities offer delegates a further opportunity to network and interact with other participants whilst learning about environmentally-related activities and programs in and around Brisbane. The parallel activities have been organised separately to the Congress and those wishing to participate will need to contact the providers directly to register.

# **Sonic Babylon**



Sonic Babylon is a global art project planting interactive gardens of sound. The intent of Sonic Babylon is to surround the world with music, sounds and stories, local and universal, ancient and of tomorrow, easily

accessible on everyday mobile devices. Riding local Wi-Fi networks, each garden grows in selected spaces within a community, bringing the music, sounds and stories of that locale's past and present in the future, and allowing networked visitors access to a world beyond the world they see.

The gardens hang invisibly in the air and may be both heard and shaped by visitors on their Wi-Fi enabled mobile devices when they visit or pass through. Visitors to the garden may hear, prune, and even plant new sounds, so the ambiance of each garden is not only unique, but alters and grows over time based on the continued addition of local sounds and public interaction. Additionally, a sound garden may be repurposed on future occasions to accommodate other media artists whose installations may be featured and preserved.

Sonic Babylon's sound gardens begin in Australia in July 2009 with three gardens for the Queensland Conservatorium Research Centre (Griffith University) in Cairns, Noosa and South Bank (Brisbane) and culminating with a permanent garden in the inner courtyard of the National Film and Sound Archive in Canberra, celebrating their 25th anniversary and Sound Day 2009.

Sonic Babylon artist Leah Barclay is a multi-award winning Australian interdisciplinary artist, widely recognised as a distinctive voice in the international experimental arts scene. She is renowned for creating complex sonic environments realised through immersive performances and multi-sensory installations. Her work has been described as "music in a new dimension". Throughout 2009 and 2010 Leah Barclay travelled through Australia, India, Korea, China and Hong Kong capturing the sound of rivers and their surrounding communities. The resulting work is an ephemeral experience that slides through vivid landscapes and rich cultural traditions.

# What hardware and software do visitors to a sound garden need?

Sonic Babylon is made possible through the technical expertise of New York-based software developer Nora Farrell. Interacting with the garden requires a Wi-Fi enabled mobile device. There are Sonic Babylon applications for both Mac and Windows laptops, iPhone and iPod Touch, PDAs and select mobile phones. In order to hear and prune the garden, or to plant sounds of their own (.mp3 files), visitors must download the free Sonic Babylon application to their mobile device. The application for each garden is be available through iTunes or on the Sonic Babylon website (www.sonicbabylon.com/download). Volunteers will be available to assist visitors with accessing Sonic Babylon at South Bank.

**Opening hours:** 1000–1700 hours daily

(1000-2000 hours Monday-

Thursday)

Heritage collections open daily Sonic Babylon @ The Edge Brisbane

Cultural Centre, Stanley Place,

South Bank QLD 4101

**Contact:** T: +61 7 3840 7666

For more information please visit www.sonicbabylon.com.

Location:

To participate in a guided 'sonic' walk around South Bank, please meet at the Congress registration desk just prior to the below scheduled walks:

**Thursday 21 July** 1500–1630 hours **Friday 22 July** 1230–1330 hours

### **Sustainable Drinks**

The Australian Green Development Forum and Transition Brisbane welcomes 6th WEEC delegates to its monthly Sustainable Drinks event. This is an informal get-together where Brisbane-ites interested in the environment and sustainability can share experiences, plan for change, network, or just chill out with good people over a glass or two of organic beer or wine. Located conveniently close to the Congress venue, you are invited you to come and join the forum.

**Date:** Friday 22 July 2011 **Time:** From 1700 hours onwards

**Cost:** Entry is free however it is a cash bar

**Location:** Flowers of the World,

**Contact:** 

15A Little Stanley Street Precinct

176 Grey Street,

South Bank QLD 4101

Please register your interest at the

registration desk by Wednesday

20 July

# **O&EECs parallel program**



In addition to managing all the state schools in Queensland, Education Queensland also administers 25 Outdoor and Environmental Education Centres (O&EECs) located across the state. These O&EECs develop and deliver highly effective outdoor and

environmental education programs for schools and the community, as well as provide quality professional development for teachers. O&EECs have an international reputation for modelling unique and innovative pedagogies that challenge students and teachers engaging them in building sustainable futures.

Education Queensland's O&EECs parallel program showcases a sample of these innovative programs and partnerships. The program of events to be held on Friday 22 July 2011 in nearby Musgrave Park and along the Brisbane River can be found at www.talloec.eq.edu.au/parallel-programs and at the

Artist in Residence workshops, Story Thread drama, practical environmental and indigenous activities, historical and environmental exploration of the Brisbane River, wildlife welfare and teambuilding are some of the interactive activities featured in this showcase.

O&EECs booth in the exhibition hall.

Bookings for places within the program should be made through the O&EECs booth in the exhibition hall and it is advisable to book early as there are a limited number of places.

A highlight of the program is the culminating event— "The Earth Smart Science Symposium" to be held at 1330 hours on Friday 22 July in Great Hall 1 at the Congress venue, featuring five local schools' successful strategies to achieve their School Environmental Management Plan goals.

# **Queensland Museum South Bank**

Queensland Museum South Bank has a range of themed exhibitions that support biodiversity, geosciences, cultures and histories and science and technology. Exhibitions showcasing during 6th WEEC include:

- Discover Queensland: biodiversity and cultural heritage stories from Queensland
- Marine Reptiles: biodiversity within a marine environment
- > Moving: Wheels, Water, Wings
- > Awakening: Stories from the Torres Strait
- Dandiiri Maiwar: Aboriginal and Torres Strait Islander Cultures Centre
- > A is for Animals: Animals in war
- Sciencentre: hands-on minds-on science (including the electricity exhibition Megawatt)
- ENERGEX Playasaurus Place: an outdoor exhibition space on prehistoric animals and environment and the story of energy.

**Opening hours:** 0930–1700 hours daily

**Cost:** General entry to the museum is free

except for some special exhibitions (there are entry charges for the Sciencentre and some special

events and exhibitions)

**Location:** Corner of Grey & Melbourne Streets,

South Bank QLD 4101

**Contact:** Rebekah Collins

Public Programs Manager T: +61 7 3840 7603 F: +61 7 3840 7607

E: rebekah.collins@qm.qld.gov.au

For more information visit www.qm.qld.gov.au.

# PROGRAM BOOK

# The Torres Strait Islands: A Celebration



Image: Kala Waia, Gaizu an the girls on Aka's back, 1972, John Oxley Library, State Library of Queensland [detail] TR1791/334

Another exciting activity running in conjunction with the Congress is this unprecedented celebration of Torres Strait Islander culture and history taking place at the Cultural Centre, South Bank from 1 July – 23 October 2011.

The Torres Strait is a vast, vibrant and unique region of Australia that is still largely unknown to the majority of the Australian populace. Located between the northern tip of Cape York and Papua New Guinea, the Torres Strait comprises over 270 islands. 17 are inhabited by a number of Torres Strait Island peoples—Australia's other Indigenous culture, distinctively Melanesian and very different from mainland Aboriginal cultures. Queensland's major arts organisations are joining forces to showcase the diversity and vibrancy of historical and contemporary arts and culture of Torres Strait Islander Australians.

The Torres Strait Islands: A Celebration will encompass:

- 'Land, Sea and Sky: Contemporary Art of the Torres Strait Islands': an exhibition at the Gallery of Modern Art (GoMA) by more than 40 artists (1 July – 9 October 2011)
- 'Strait Home': bringing the State Library of Queensland's significant collections to life through exhibitions, special events and activities (1 July – 23 October 2011)
- 'Awakening: Stories from the Torres Strait': a collection of objects, including ceremonial masks and archaeological findings at the Queensland Museum South Bank (25 June – 2 October 2011)
- > A new work by the Bangarra Dance Theatre (1–9 July 2011)
- > The Mabo Oration at the Queensland Performing Arts Centre (3 July 2011)

The Cultural Centre recognises Queensland is in a unique position as home to two of the world's oldest continuing cultures and the major arts organisations recognise their role in preserving and promoting Aboriginal and Torres Strait Islander cultural practices and traditions.

Go to the official website (www.tsi.org.au) for more information.

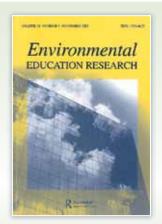
Further information with the Minister's statement is available at: www.cabinet.qld.gov.au/MMS/StatementDisplaySingle.aspx?id=74627.





# Routledge

# at the World Environmental Education Congress 2011



# Environmental Education Research

**Environmental Education Research** is an international refereed journal which publishes papers and reports on all aspects of environmental education. The purpose of the journal is to help advance understanding of environmental and sustainability education through a focus on papers reporting research and development activities.

Visit the Routledge stand to find out more and browse a sample issue.

www.tandf.co.uk/journals/eer











# Focus on Environment Education

Throughout July we are focusing on **Environmental Education** at **www.educationarena.com**. Features include an Expert Interview with Dr. Alan Reid, Editor of *Environmental Education Research*, and many free research articles from the entire Routledge and Taylor & Francis portfolios.

Find out more at:

www.educationarena.com

# Journals of Related Interest



Environmental Communication:
A Journal of Nature and Culture

Editor:

Stephen Depoe, University of Cincinnati, USA www.tandf.co.uk/journals/renc



Environmental Studies International Journal of Environmental Studies

Editor

M. R. Brett-Crowther, France

www.tandf.co.uk/journals/genv



Ethics, Policy & Environment



Editors

Benjamin Hale, University of Colorado, USA and Andrew Light, George Mason University, USA

www.tandf.co.uk/journals/cepe



International Research in Geographical and Environmental Education

Editors:

**John Lidstone**, *Queensland University of Technology, Australia* and **Joseph P. Stoltman**, *Western Michigan University, USA* 

www.tandf.co.uk/journals/irgee



Applied Environmental Education & Communication

Editor-in-Chief:

Brian A. Day, International Institute for Environmental Communication. USA

www.tandf.co.uk/journals/ueec



The Journal of Environmental Education

Editors

E. Paul Hart, University of Regina, Canada, John Shultis, University of Northern British Columbia, Canada and Robert B. Stevenson, James Cook University, Australia

www.tandf.co.uk/journals/vjee

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# **Congress venue**

# **Brisbane Convention & Exhibition** Centre

Cnr Merivale & Glenelg Streets South Bank QLD 4101 Australia T: +61 7 3308 3000 W: www.bcec.com.au

The Brisbane Convention & Exhibition Centre (BCEC) has international Green Globe accreditation under ISO 9001 and ISO 22000 and has achieved EcoBiz Partnership status with the Queensland Department of Environment and Resource Management (DERM).

With an uncompromising commitment to the highest standards of professional policy and corporate responsibility, the BCEC's reputation for operational excellence is reflected in the Centre's three-time official ranking among the top three convention centres worldwide as well as its receipt of the prestigious IMEX 2010 Green Supplier Silver Award.

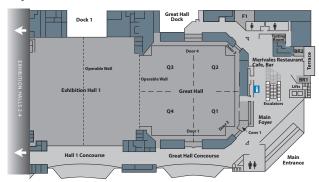
The Brisbane Convention & Exhibition Centre's environmental initiatives include:

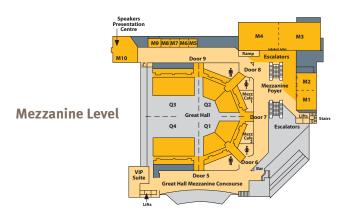
- Energy efficiency
- Resource recovery
- Water conservation
- Corporate social responsibility and community engagement programs; and
- An ongoing commitment to change through established management structures and systems to drive operational sustainability

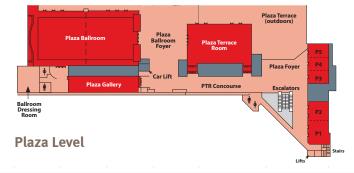
The Congress venue meets all the 'UNEP Green Meeting Guide 2009 E.1 Selecting the Venue Core Recommendations and Going Further' criteria. To view the Green Meeting criteria, please visit www.unep.fr/scp/sun/publications/.

# Venue floorplan

# **Foyer Level**







# **Congress managers**

For further information, please contact the Congress managers:

c/ MCI (formerly Event Planners Australia) PO Box 1517 Eagle Farm QLD 4009 Australia

T: +61 7 3858 5524 F: +61 7 3858 5499

E: info@weec2011.org W: www.weec2011.org

MCI (formerly Event Planners Australia) www.mci-group.com/australia, designs and delivers exceptional meetings and events for association, corporate and government clients. As the leading globally integrated conference, association and event management company we offer access to the local

resources and expertise of our 45 offices across 22 countries. Our focus is on establishing long term partnerships with our clients to deliver an innovative, tailored, best practice solution every time.

#### **Corporate Social Responsibility at MCI**

MCI's commitment to sustainable business practices is outlined in the UN Global Compact. The UN Global Compact is a policy platform and a reporting initiative for companies who wish to demonstrate leadership in ethics and responsibility. A signatory since 2006, MCI was the first event agency to commit to the 10 Global Compact principles.

For more information on our CSR strategy, policies and performance please consult our annual CSR report at www.mci-group.com/csr.

# **General information**

# **Accommodation venues**

# Mantra South Bank ★★★★ ½

161 Grey Street, South Bank T: +61 7 3305 2500

F: +61 7 3305 2599

# Chifley at Lennons ★★★★ ½

66 Queen Street Mall, Brisbane

T: +61 7 3222 3222 F: +61 7 3221 9389

#### Ibis Brisbane ★★★

27–35 Turbot Street, Brisbane T: +61 7 3237 2333

F: +61 7 3236 3891

# Hotel George Williams ★★★ ½

317–325 George Street, Brisbane

T: +61 7 3308 0700

F: +61 7 3308 0733

# Royal on the Park ★★★

Corner Alice and Albert Streets, Brisbane

T: +61 7 3221 3411

F: +61 7 3229 9817

#### **Business centre**

The business centre is located in the Main Foyer Level at the BCEC Information Desk. The business centre can assist with some business services (for example, faxing, low volume photocopying, printing and limited consumer items). Please note any activities conducted through the business centre are at the cost of the individual delegate.

#### Child care facilities

Please note no official arrangements have been made for childcare during the Congress. Your chosen accommodation may be able to assist you further with childcare services during your stay.

#### **Climate**

Brisbane enjoys a climate of vibrant summers and mild winters. Average temperatures in July range from a minimum of 10°C to a maximum of 21°C.

# **Dress**

Smart casual attire is appropriate for Congress sessions, welcome reception and Congress dinner. Alternatively, if delegates wish they can wear 'national dress' to the welcome reception and 'recycled, second hand or vintage' to the wEECED Congress dinner. A jacket may be required for air-conditioned Congress session rooms, evening functions and the field trips on Saturday.

# Intention to photograph

Delegates and others are advised that photographs may be taken during the Congress and reproduced for promotional purposes.

#### **Internet access**

Free wi-fi access will be available throughout the centre to all Congress delegates. Please visit the registration desk to obtain the required username and password in order to gain access to the wi-fi.

#### Meals

The committee invites 6th WEEC delegates to explore and experience the guiding values of the Congress through our decision to only offer vegetarian meals (no meat or seafood) at the Congress, including the welcome reception and wEECED Congress dinner. Other dietary options such as vegan, halal, gluten-free, etc. are also available to those who indicated their requirements at the point of registration. Delegates who have specified their special dietary requests should identify themselves to the service staff at functions.

# **Medical facilities**

The nearest emergency department is at the Mater Hospital Complex situated two kilometres from the convention centre. Public hospital—Corner Stanley Street & Raymond Terrace, T: +61738408111; Private hospital—301 Vulture Street, T: +61738401000. For all emergency services, dial ooo.

#### Messages

A message board will be located at the registration desk. Please advise potential callers to contact the Brisbane Convention & Exhibition Centre on +61 7 3308 3000 and ask for the 6th WEEC registration desk.

# Mobile phones, cameras and video/ audio recorders

As a courtesy to fellow delegates and speakers, please ensure your mobile phones and/or pagers are switched off or turned to silent during Congress sessions.

# **Namebadges**

Please wear your namebadge at all times. It is your admission pass to Congress sessions, the exhibition hall, morning/afternoon teas and lunches. If you misplace your namebadge simply ask at the registration desk for a replacement. Namebadges have coloured strips and are labelled for easy identification.

# Personal mail

The Congress Managers do not accept responsibility for personal mail. Please have mail sent to your accommodation address.

# Registration

The registration desk will be located on the Main Foyer Level of the Brisbane Convention & Exhibition Centre and will be open at the following times:

 Tuesday 19 July 2011
 1530-1930 hours

 Wednesday 20 July 2011
 0700-1700 hours

 Thursday 21 July 2011
 0800-1700 hours

 Friday 22 July 2011
 0830-1530 hours

# **Social networking**

Visit the Congress website and follow the links to the Congress **Facebook**, **Twitter (#weec2011)** and **Ning** accounts to join the WEEC community and keep up to date with news on all networking and Congress opportunities.

# **Speakers support centre**

The speakers support centre is located in Room 10 on the Mezzanine Level of the Brisbane Convention & Exhibition Centre and will be open the same hours as the registration desk. All speakers are requested to check in their presentation to the centre at least a half day prior to their presentation. All presentations will be networked from the speakers support centre to the presentation rooms.

#### **Tickets**

Tickets for the welcome reception, wEEcED Congress dinner and field trips are included in your registration envelope. Entry to these activities is by ticket only. If you misplace your ticket or do not have tickets for functions you wish to attend, please advise staff at the registration desk.



# **Tourist Refund Scheme**

International travellers can claim back the Goods and Services Tax (GST) and Wine Equalisation Tax (WET) they have paid on goods bought in Australia that they are taking with them when they leave the country. The tax can be claimed back at international airports and seaports under the Tourist Refund Scheme (TRS), subject to conditions such as an AUD300 minimum purchase from one store.

# Travel information: keeping it easy and green

When we do travel on holiday it's even more important that our decisions are responsible. Choose to:

# **Offset your emissions**

Remember air travel is the fastest growing source of CO<sub>2</sub> emissions. Choose to offset your carbon emissions travelling to and from the Congress.

# Take public or human-powered transport

Brisbane is safe and easy to explore by bus, rail or river, on bike or on foot. Take advantage of these opportunities to meet local people and reduce pollution and carbon emissions while getting from place to place.

Full details of offset programs, as well as Brisbane's public and human-powered transport networks, are available on the Congress website.

# Did you know?

Cars produce an average of 0.3kg of  $CO_2$  per km. Riding a bike produces no greenhouse gases or any other emissions. 10% of the trips made in urban areas are less than one kilometre while 30% are less than three kilometres—ideal distances for walking or cycling.

 $Source: {\color{blue} www.travelsmart.qld.gov.au}$ 

# Making it count: authentic experiences for a responsible trip

The choices we have when visiting a new destination can go a long way in supporting local communities and protecting the environment at large. All Congress participants are able to contribute to greening our event and protecting the resources of South East Queensland in the following easy ways:

- Use water responsibly and go for tap water over bottled
- > Protect **biodiversity** by declaring all animal and plant products at airport quarantine
- > Enjoy local food and farmers markets
- Minimise waste by avoiding excess packaging and recycling where possible
- Support social diversity by seeking opportunities for local cultural learning
- > Buy Australian-made souvenirs or gifts
- Communicate your choices—it will raise awareness and influence decision-making!

Source: UNEP Sustainable United Nations (2009) Green Meeting Guide (www.unep.fr/scp/sun/publications)



# Airport transfers

#### Rail-book now and save 10%!

We recommend using Airtrain to travel from Brisbane Airport to Brisbane City. Click on the link on the Congress website to make your booking and save 10%.

Beat the traffic, minimise your carbon emissions and get to your flight on time and hassle free with Airtrain. Airtrain links Brisbane's international and domestic airports with Brisbane City and the Gold Coast. The service takes approximately 22 minutes into the CBD and costs AUD15 one way (cost as at June 2011). Tickets can be purchased (with cash or credit cards) via vending machines on the platform or online on the Airtrain website. Alternatively you can use your *go* card to travel with Airtrain to the Brisbane airport. Translink *go* cards can be purchased from all domestic airport locations. For Airtrain timetables and further information visit the Airtrain website www.airtrain.com.au or call 1800 19 091. For train, bus and ferry information, visit the Translink website www.translink.com.au.

#### Travel insurance

The Congress Managers recommend that delegates purchase travel insurance including cover for non-refundable Congress registration fees. Travel insurance must be purchased in the country of residence.

#### **Parking**

1,600 undercover parking spaces are available at the Brisbane Convention & Exhibition Centre, accessed by Merivale Street, open 24 hours, 7 days a week. Car parking is at a flat rate of AUD15 per day.

# **Experience Brisbane**

Brisbane is an alive and bustling city of 1.6million people and features all the requisite offerings of the nation's fastest growing capital—world-class facilities, unparalleled support services and remarkable recreational experiences.

In addition, Brisbane boasts year-round magnificent weather, floating river walkways, stunning riverside parks, city bushland, the world's largest subtropical garden—Roma Street Parkland and Australia's only inner city beach—Streets Beach, South Bank.

In close proximity to Brisbane are the Gold and Sunshine Coasts, World Heritage listed rainforests and stunning islands, including the world's largest sand island—Fraser Island. The city is also a short flight from the Great Barrier Reef and the Daintree Rainforest.

We suggest you take some time to explore the best that Brisbane has to offer, such as:

- > Chinatown
- > City Botanic Gardens
- > City Farmers Markets (Wednesdays only)
- > King George Square
- Lone Pine Koala Sanctuary
- > Parliament House
- > Queen Street Mall shopping
- > Queensland Art Gallery
- > Queensland Museum
- > Queensland Performing Arts Centre
- > Queensland Science Centre
- > Riverside Markets (weekends only)
- > Roma Street Parkland
- South Bank Markets (Friday nights and weekends only)
- > South Bank Parklands
- > Valley Markets (weekends only)

# City hubs

Spend time exploring the following inner-city hubs:

# **Queen Street Mall**

Enjoy strolling in the car-free, open-air zone that is the Queen Street Mall with its historical arcades and side streets, including two retail precincts, the Myer Centre and Broadway on the Mall.

# **Fortitude Valley**

Youth culture dominates Ann and Brunswick Streets. The Valley also includes quality homewares, epicurean outlets, art galleries and an excellent selection of adventure and outdoor stores. The Valley Markets are a unique way to spend Saturday or Sunday. To experience a little slice of Asia in Brisbane, Australia, head to Chinatown in the Valley.

# **Paddington**

Stretching from bustling Caxton Street in the east, through Brisbane's own Silicon Valley in Milton, to the intimacy of Rosalie Village in the west, the Paddington area has something for everyone. From delicious desserts and live comedy to great steaks and good pubs, Paddington has everything you could want for a night out. It's also a great place to shop, with a tremendous range of interesting furnishing, fashion, eco and home design stores.

#### **South Bank**

South Bank is Brisbane's cultural hub and also hosts weekend markets with 140 food, art and craft stalls. Unique gifts can be found along Little Stanley Street or stores at the Queensland Art Gallery, the Gallery of Modern Art, the Queensland Museum, the Queensland Science Centre and the Queensland Performing Arts Complex.

# **Tours**

For further information, bookings and tourist ideas visit the Brisbane Visitor Information Centre or see the Brisbane Marketing Desk located onsite at the Congress.

Brisbane Information Centre South Bank House Stanley Street Plaza, South Bank T: +61 7 3867 2051

W: www.visitsouthbank.com.au



# **South East Queensland**

All bases are covered during a stay in South East Queensland. Here is the opportunity to enjoy a truly urban experience in the state capital Brisbane, safe in the knowledge that you are still within arm's reach of quintessential Australian country, coast and hinterland experiences.

Travel just one hour south east of the city centre and find yourself at the Gold Coast admiring 70km of sundrenched beaches, fabulous theme parks and a truly frenetic lifestyle. Inland of the Gold Coast, and easily accessible from Brisbane, is the 20,200-hectare World Heritage listed Lamington National Park.

Travel the same distance north and find yourself exploring the gorgeous beaches and spectacular hinterland of the Sunshine Coast.

Venture off the South East Queensland coastline and explore the southern bay islands of North Stradbroke and Moreton—part of the highest concentration of sand islands in the world. Both remain relatively untouched so you can enjoy their overwhelming natural beauty.

Brisbane is also a stone's throw from the Scenic Rim—encompassing the state's oldest provincial city Ipswich, the charming country township of Boonah, and the wineries and World Heritage listed rainforests of Beaudesert.

# Queensland

Fraser Island—the largest sand island in the world; the Great Barrier Reef—over 1,500km of majestic coral, home to the greatest variety of flora and fauna species found in any one location in the world; the Whitsunday Islands—an archipelago of green islands and sandy atolls in the middle of the Great Barrier Reef; the Daintree Forest—1,200km of pristine World Heritage listed rainforest; and the 'outback'—1 million square kilometres of red plains and deserts, are a short flight from Brisbane.

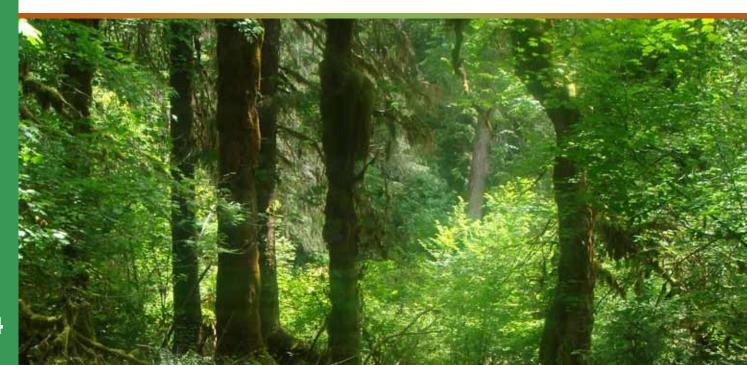
# **Australia**

A Brisbane base means easy access to the rest of Australia and some of the world's greatest attractions. See Sydney with its stunning harbour and world-famous Opera House; the famous wine producing regions of the Hunter, Barossa Valley and Margaret River (New South Wales, South Australia and Western Australia respectively); the World Heritage listed Kakadu National Park and Uluru in the Northern Territory; or our national capital, Canberra, where visitors can take a stroll around Parliament House, the Australian Mint, the National Portrait Gallery, the National Art Gallery and the National Museum.

#### **Websites**

To assist with planning your visit, we suggest that you explore the following websites:

Experience Brisbane: www.visitbrisbane.com.au
Our Brisbane: www.ourbrisbane.com.au
Tourism Queensland: www.queenslandholidays.com.au
Australian Tourist Commission: www.australia.com
Australian Immigration Department:
www.immi.gov.au/visitors



# **Paper presentations program**

Tuesda	Tuesday 19 July 2011
1530	Registration and speakers support centre opens
1730–1930	Welcome reception Exhibition hall, Great Hall 3 & 4, Brisbane Convention & Exhibition Centre Entertainment: Tibet I'm buktu
1930	Registration and speakers support centre closes
Wedne	Wednesday 20 July 2011: Day 1
0020	Registration and speakers support centre opens
0000	Eckhikish ball paper

Wednes	Wednesday 20 July 2011: Day 1
0020	Registration and speakers support centre opens
0800	Exhibition hall opens
	Opening ceremony Great Hall 1
0830-0845	0830–0845 Welcome to Congress
0845-0900	Welcome to country ceremony
0900-0915	0900–0915 Welcome from WEEC Secretariat <b>Mario Salomone</b> , Secretary General of the WEEC network
0915-0930	Official opening of the Congress
	Opening plenary sessionGreat Hall 1Chair: Andre Van Zyl
0930-1000	Keynote: Jean Palutikof Climate change and the ostrich effect: how much longer can we ignore it and hope it'll go away?
1000-1015	Respondent: <b>Bob Jickling</b>
1015-1030	Questions
1030-1100	1030–1100 Morning tea: exhibition hall

1100–1230	Stream 1 EE research & policy in action 1 Great Hall 1	Stream 2 Pedagogies for the planet 1 Great Hall 2	Stream 3 Collaborating for change 1 Mezzanine room 1	Stream 4 Learning together out there 1 Mezzanine room 2	Stream 5 Symposium 1 Plaza room 1	<b>Stream 6</b> <b>Workshop 1</b> Plaza room 2		Stream 7 Roundtable 1 Mezzanine room 3
Chair	Connie Russell	Justin Dillon	Dimity Podger	John Lockley	Amy Cutter-Mackenzie	Linda Brennan	1100 - 1140	Refer separate program
1100–1130	Lisa Ryan & Debbie Heck Researchers as partners in school sustainability	Maria Spyridonos Using children's literature in teaching about climate change in Cypriot primary schools: an empirical qualitative study	Chris Reddy Research and development partnerships for educational change:	Roy Ballantyne & Jan Packer Environmental education through wildlife tourism: bridging the gap from experience to action	AJEE special issue: the ness of environmental education research	Food for thought: how can public space nurture enquiring minds?		
1130–1200	Anne Jennings Sustainability education: local communities in real partnerships with local schools	Lyndal O'Gorman Exploring artistic and environmental identities: preservice teachers' experiences	Abel Barasa Attiti Exploring possibilities for social change in a community of practice	Gregg Muller Lurujarri to Kosciuszko: the importance of cultural perspectives and situational knowledge for outdoor				Stream 7 Roundtable 2 Mezzanine room 3
		education for sustainability		environmental education			1150 - 1230	Refer separate program
1200–1230	Elaine Lewis Silos or systems: whole systems thinking at an AuSSI-WA primary school	Merce Junyent Visioning the future: a case study in a primary school in Barcelona	Anunciacion Penaflorida Philippine higher education institutions and inter-organizational relationships for sustainability: friends in deed?	Donna Livermore Rethinking education in zoos, aquaria and other centres				
1230-1230	Inch and entertainment: exhibition hall	+ ovhihition hall						

Chair  1330–1400  Bob Jickling The earth charter: a critical heuristic for examining ethics in	Yukio Kamino David Lindley  Exploring if expansive	Mezzanine room 1	Mezzanine room 2				иеzzanine room 3
	David Lindley Exploring if expansive	Margaret Somerville	Hilary Whitehouse	Matthias Barth	Jose Guevara, Leone	1330 - 1410	Refer separate program
education	social learning processes can strengthen wetland management in a South African forestry	Eric Bauer Ecological literacy as the keystone for environmentally sensitive and sustainable education	Anna Cooke Positive environmentalism! Internal motivation, positive affect, and sustainable lifestyles	Challenging the organisation from within: fnext practices' in higher education for sustainability	Wheeler, Britt Gow, Jeff King, Jodi-Anne Smith & Julie Harris Stories to evaluate and facilitate learning for change: different perspectives		
1400–1430 Mauri Ahlberg Promoting innovative collaboration in schools, locally and towards global learning space of UNU IAS RCEs	Carina America Exploring the relevance of sustainable development in Economic and ES Management Sciences (EMS) education	Megan Seneque & Luke Edwards Edwards Appealing to intr Ecological praxis: bridging the knowing- doing gap university studer	Rosemary Black Appealing to intrinsic motivations: energy saving behaviour among resident university students			1420 - 1500	Stream 7 Roundtable 4 Mezzanine room 3 Refer separate program
1430–1500 <b>Elin Kelsey</b> Nurturing hope, happiness and resiliency in a time of environmental despair	Diana Patchett  'Lord of the weeds': the green boys of Moreton f  Bay Boys College	Andre van Zyl Corporate sustainability Losing nature: for schools knowledges, b resilience	Leesa Fawcett Losing nature: exploring emotional knowledges, building				

1530–1700	Stream 1 Showcasing EE in Australia and the Asia- Pacific 1 Great Hall 1	Stream 2 Weaving environmental wisdom 1 Great Hall 2	Stream 3 Collaborating for change 3 Mezzanine room 1	Stream 4 Living cool for a sustainable world 2 Mezzanine room 2	Stream 5 <b>Symposium 3</b> Plaza room 1	Stream 6 <b>Workshop 3</b> Plaza room 2		Stream 7 Roundtable 5 Mezzanine room 3
Chair	Nor Shidawati Abdul Rasid	Leesa Fawcett	John Muriuki	Ron Tooth	Ko Nomura, Osamu Abe, Kiran Chhokar &	Annette Gough, Connie Russell, Justin Dillon,	1530 - 1610	Refer separate program
1530–1600	Barbara Bruno A new ocean- themed community education program on climate change and sustainability for the Pacific region	Paul Lucas Weaving a seamless garment of sustainability in Catholic schools	Genene O'Neill Queensland's campus carbon challenge: a success story of government, education, psychology and campus living	Angela Colliver Living 'cool' for a sustainable world: schools and communities tackling climate change and acting for a sustainable future	<b>Angelina Galang</b> Sustainability in higher education in the Asia- Pacific	Noel Gough & Paul Hart Writing for academic journals: editors' perspectives		
1600–1630	Sophavanh Phommixay The Sai Myai Eco- School: developing leadership and sustainability in rural Laos through co-	Jennifer Cunningham Environmental education in indigenous communities in the Northern Territory: the	Craig Doolan Community collaboration for environmental change in local government areas	Mark Leckenby Making sustainable choices though energy monitoring			1620 - 1700	Stream 7 Roundtable 6 Mezzanine room 3 Refer separate program
1630–1700	Stefan Bengtsson Mapping the role of education for sustainability in education & sustainable development policy in Vietnam	Chuis North Leave no trace education: an invitation to engage with environmental ethics	Niki Carey Partnerships for sustainability: tools, tips and lessons learnt in facilitating learning in local government	Alex Graham Who's got the power? Empowering community towards energy efficiency in New South Wales, Australia				
1700	Sessions conclude							
1700	Registration and speakers support centre closes	s support centre closes						
1700-1740	Poster session: exhibition hall	ı hall						
1700–1930	Regional centres of experances of experances of experances of experances of exper	<b>Regional centres of expertise workshop - hosted by UNU</b> Mezzanine room 1 Regional centres of expertise: promoting their expansion to foster transformative education and learning in a globalised world	<b>, unu</b> nsion to foster transformat	ive education and learning	i in a globalised world			
1700–1930	<b>Early Childhood Educatio</b> <i>Mezzanine room 2</i>	Early Childhood Education for Sustainability Networking meeting Mezzanine room 2	rking meeting					
1740	Exhibition hall closes							

Thursday	Thursday 21 July 2011: Day 2	ay 2						
0800	Registration and speakers support centre opens	rs support centre opens						
0830	Exhibition hall opens							
	Plenary session Great Hall 1 Chair: Hilary Macleod							
0800-0060	Keynote: Emeretta Cross Pacific hope and vision	Pacific hope and vision						
0930-1000	Keynote: Hum Gurung /de	Keynote: <b>Hum Gurung</b> Identifying impacts and planning adaptive management responses to climate change in Asia	ning adaptive managemer	it responses to climate cho	ınge in Asia			
1000-1015	Respondent: Justin Dillon	u						
1015-1030	Questions							
1030–1100	Morning tea: exhibition hall	nall						
1100–1230	Stream 1 EE research & policy in action 3 Great Hall 1	Stream 2 Pedagogies for the planet 3 Great Hall 2	Stream 3 Collaborating for change 4 Mezzanine room 1	Stream 4 Learning together out there 2 Mezzanine room 2	<b>Stream 5</b> <b>Symposium 4</b> Plaza room 1	Stream 6 Workshop 4 Plaza room 2		Stream 7 Roundtable 7 Mezzanine room 3
Chair	Paul Hart	Ali van der Graaf	Kiran Chhokar	Sue Wake	Lisa Ryan	Aly De Groot	1100 - 1140	Refer separate program
1100–1130	Bob Stevenson What have we learned about EE from research? Insights from the International Handbook of Research on Environmental Education	Dianne Aylward & Anna Brazier Earth smart science: sustainability initiatives in state education	Karen Vohland Reef guardians: doing their bit to look after it	Amy Cutter-Mackenzie Teaching teachers: ecologising teacher education through school-community pedagogies	Recreating pedagogies in recreated climates	Under water basket weaving: the significance of fibre art as a creative tool for ecological education		
1130–1200	Antonella Bachiorri Between theories and practices: education for sustainability research in action	Vicky Whitehead 5 steps for sustainability: the sustainability action process in New South Wales DEC schools	Sue Lennox YOUth LEADing the world: OzGREEN - weaving a global net of informed, inspired youth actively innovating change	<b>Amanda Lloyd</b> Forest schools activities making the move to Australia			1150 - 1230	Stream 7 Roundtable 8 Mezzanine room 3 Refer separate program
1200-1230	Christian Schrader Gaps between environmental research, education and policy at German universities	Jenny Dudgeon Exploring sustainable evaluation tools for school based education for sustainability initiative and innovation	Jane Liefman Looking to the future: Victoria's approach to sustainability education	Won-Young Jung Social interaction- based environmental learning process at the science museum				
1230–1330	Lunch and entertainment: exhibition hall	t: exhibition hall						

1330–1500	Stream 1 EE research & policy in action 4 Great Hall 1	Stream 2 Showcasing EE in Australia & the Asia Pacific 2 Great Hall 2	Stream 3 Weaving environmental wisdom 2 Mezzanine room 1	Stream 4 Learning together out there 3 Mezzanine room 2	Stream 5 Symposium 5 Plaza room 1	Stream 6 Symposium 6 Plaza room 2		Stream 7 Roundtable 9 Mezzanine room 3
Chair	Noel Gough	Bernadette Joeman	Leif Ostman	Keith Skamp	Eva Arlemalm-hagser	Bernard Holland	1330 - 1410	Refer separate program
1330-1400	Annette Gough Hong Kong's new liberal studies curriculum and environmental campaign committee's programs: a complementary agenda?	Carlie Wiener Making student connections with marine sanctuaries: sharing cultural and environmental experiences throughout the Pacific	Bob Jickling Self-willed: ontological experiments in wildness and education	Ron Tooth & Peter Renshaw Deep reflection and attentiveness: mediational tools for hope, change and civic action	Learning for sustainability in the Nordic countries	International eco- schools: a collaborative network for global sustainable change		
1400–1430	Lesley Le Grange Ubuntu, ukama and environmental	Sunisa Kongprasit The formation of an environmental	Peter Vogels Learning language, Learning the land	Ju Chou The development and implementation				Stream 7 Roundtable 10 Mezzanine room 3
	education	education network in Southern Thalland: an actor-network theory analysis		of routine-based environmental education program in nature center			1420 - 1500	Refer separate program
1430–1500	To be confirmed	Daisy Arockiasamy Environmental awareness level among arts and science students at Bishop Heber College	Tomaz Grusovnik Exploring new avenues in experiential education for environmental and animal ethics	Steve Andrews Underwater photoelicitation: a new experiential marine education technique				
1500–1530	Afternoon tea: exhibition hall	hall						

1530–1700	Stream 1 Showcasing EE in Australia & the Asia- Pacific 3 Great Hall 1	Stream 2 The future is in our hands 1 Great Hall 2	Stream 3 Living cool for a sustainable world 3 Mezzanine room 1	Stream 4 Pedagogies for the planet 4 Mezzanine room 2	<b>Stream 5</b> <b>Symposium 7</b> Plaza room 1	<b>Stream 6 Symposium 8</b> Plaza room 2		Stream 7 Roundtable 11 Mezzanine room 3
Chair	Hum Gurung	Eve Kirkwood	Bob Stevenson	David Kopelke	Philip Payne	Julie Davis, Michiko	1530 - 1610	Refer separate program
1530–1600	Bernadette Joeman Innovation in teacher training on environmental education	Richard Wood Inspiring the next young environmental leader	Catherine Naum & Bob Stevenson Can words save us? An exploratory investigation of climate change communication in Australia	Hilary Macleod You are now entering the Twittersphere! Where EE meets social media	Positioning environmental education research for 2015; knowledge production	Inoue, Hui-Ling Chua, Sue Elliott, Glynne Mackey & Okjong Ji Early childhood education for sustainability in the Asia-Pacific: what's		
1600–1630	Wayan Tambun Education for sustainable agriculture	Keith Skamp Secondary students' beliefs and willingness	<b>Bruce Johnson</b> Using the Model of Ecological Values	<b>Susan Wake</b> Co-design as a transformative learning		to from here?		Stream 7 Roundtable 12 Mezzanine room 3
	in Oecusse, Timor Leste	to act to reduce global warming: an international study	(2-MEV) to measure environmental attitudes in Mexico	tool in EfS			1620 - 1700	Refer separate program
1630–1700	Shih-Tsen Liu The development process of nature center		Greg Hunt That's what I'm talking about: engaging with	To be confirmed				
	programs sponsored by the Forestry Bureau in Taiwan	of environmental education experiences on young New Zealanders	communities about climate change					
1700	Sessions conclude							
1700	Registration and speakers support centre closes	rs support centre closes						
1700–1740	Poster session: exhibition hall	n hall						
1740	Exhibition hall closes							
1800–2300	WEECED Congress dinner Plaza Ballroom, Brisbane MC: Greg Hunt Speaker: lan Lowe AO Friertninmen: St Paul's I	WEECED Congress dinner Plaza Ballroom, Brisbane Convention & Exhibition Centre MC: Greg Hunt Speaker: lan Lowe AO Entertrinment: St Paul's Rie Band and Boogie Kniehts	entre Its					

Friday 23	Friday 22 July 2011: Day 3	c						
0830	Registration and speakers support centre opens	rs support centre opens						
0830	Exhibition hall opens							
	Plenary session Great Hall 1 Chair: James Mulligan							
0900-1000	Youth panel: Ahri Tallon,	Youth panel: Ahri Tallon, Elizabeth Clarke and Shena Jarvis	na Jarvis					
1000-1015	Respondent: Julie Davis							
1015-1025	Questions							
1025-1030	Announcement of winner	Announcement of winner of most eco-responsible booth competition	ooth competition					
1030-1100	Morning tea: exhibition hall	ıall						
1100–1230	Stream 1 The future is in our hands 2 Great Hall 1	Stream 2 Pedagogies for the planet 5 Great Hall 2	Stream 3 Small footprints 1 Mezzanine room 1	Stream 4 Learning together out there 4 Mezzanine room 2	Stream 5 Symposium 9 Plaza room 1	Stream 6 Workshop 5 Plaza room 2		Stream 7 Roundtable 13 Mezzanine room 3
Chair	Lucy Hall	Hilary Macleod	Glynne Mackey	Elaine Lewis	uevara &	Joselyn Fissioli	1100 - 1140	Refer separate program
1100-1130	Lisa Siegel Relationship to self, to other, to earth: empowering young people to act for the planet	Alison Lugg Becoming 'green' teachers: pre-service teachers' learning through participation in a 'sustainability' education practicum	Melinda Miller Reconciliation as a filter for sustainability work in Australian early childhood education	Philip Breslin Deadly science: connecting to country	Leone Wheeler Developing and sustaining effective school community learning partnerships for sustainability	Ribbons of blue: the future is in our hands		
1130-1200	To be confirmed	Debby Cotton & Jennie Winter Sustainability and transformation: linking formal and informal learning in higher education	Louise Phillips Possibilities for young children's environmental active citizenship	Mphemelamg Joseph Ketlhoilwe Improving resilience to protect women against adverse effects of climate change			1150 - 1230	Stream 7 Roundtable 14 Mezzanine room 3 Refer separate program
1200-1230	Ahri Tallon Education for sustainability advocacy	Michaela Zint Trends in evaluating environmental education programs	Sue Elliott Nested triangles: a theoretical framework for creating transformative journeys in early childhood education for sustainability	Alastair Stewart Normalising Australian natural histon? A place responsive rhizo- pedagogy for Australian natural history education				
1230–1330	Lunch and entertainment: exhibition hall	t: exhibition hall						

1330–1500	Stream 1 The future is in our	Stream 2 Living cool for a	Stream 3 Small footprints 2	Stream 4 Showcasing EE in	Stream 5 Workshop 6	Stream 6 Workshop 7		Stream 7 Roundtable 15
	<b>hands 3</b> Great Hall 1	sustainable world 4 Great Hall 2	Mezzanine room 1	Australia & the Asia- Pacific 4 Mezzanine room 2	Plaza room 1	Plaza room 2		Mezzanine room 3
Chair	Lisa Ryan	Connie Russell	Julie Davis	Hilary Macleod	John Seed	Bob Stevenson	1330 - 1410	Refer separate program
1330–1400	Education Queensland Outdoor and Environmental Education Centres Earth Smart Science Symposium for the EQ	Linda Brennan Educating and inspiring food options in growing cities	Deborah Moore Nurturing Little GreenLeaves: an early years sustainability program	Stien Matakupan Infusing environmental education into school curriculum and its challenge: a case study in Indonesian schools	Deep ecology: the journey from ecological ideas to ecological identity	What should education do to prepare people and communities for adaptation to climate change?		
1400–1430	O&EEC Parallel Program	Charlotte Clark How does an institution make climate neutrality a part of the educational and other curricular experience	<b>Tracy Young</b> An early childhood AuSSI adventure	James Han EnviRRRo: a model of environmental education for primary schools		,	1420 - 1500	Stream 7 Roundtable 16 Mezzanine room 3 Refer separate program
1430–1500		Rob Hales Contesting democracy, certainty and public good: lessons for activists from the Traveston Crossing Dam dispute	Okjong Ji Children's participation as active agents for environmental issues in the community through the project approach	Carlton Relton Impact of formal and non formal environmental education among college students				
1500–1530	Afternoon tea: exhibition hall	hall						
1530	Exhibition hall closes (ex	Exhibition hall closes (exhibitors commence dismantle)	ntle)					
1530	Registration and speakers support centre closes	s support centre closes						
1530–1630	<b>Closing ceremony</b> <i>Great Hall 1</i>							
	Gold Coast and Scenic Rim Performance Choir	m Performance Choir						
	Thanks for attending: Jo-/	Thanks for attending: Jo-Anne Ferreira & Cam Mackenzie	ınzie					
	Handover to 7th WEEC organisers	ganisers						
1620	Sessions conclude							

# Roundtable presentations program: by session

Venue: Mezzanine Room 3

Andreas Andreopoulos EE holistic management: the sine-qua-non shift. Self-homeland-planetnest, CC panorama, sustainability science, EE-LLL, CCC SEP field  Mario Alberto Arrasta-Avila Cuba: a country moving towards a new energy paradigm. Energy education experiences  Per Askerlund Action competence for sustainable development: teachers responses to including different actions in their teaching  Jelle Boeve-De Pauw Eco-school-effectiveness: the case of flanders  Harry Breidahl IPMEN, uniting marine (environmental) educators across the Pacific  Peter Coleman Enviro-stories: establishing a sense of place through environmental storytelling  Ingrid Engdahl Children's voices on the state of the earth  Lynette Evans Cultivate imagination! Image-in-action messages: 'Back to the earth—soil is not a dirty word!'  Elena Ferrero Fighting epidemic Dengue in a school partnership between Italy and Cape Verde  Danielle Fogarty The difficulties in educating infant students about sustainability  1150—1230 hours; Roundtable 2  Table number  Abstract  Franca Bossalino Sustainable education  Elisia Brook Your Voice, Our Voice, Youth Voice: Youth Action Approach and Youth Environment Council South Australia  Duojie Caidan Water school for a living Yangtze  Jeanie Clark Jeparit Primary School: River Red Gum woodlands as a focus for environmental education  Vincenzo Cosimo Green building  Fleur Johnson The role of the Water Education Network and its importance for environmental education  Reiko Iwasa Linking endogenous development and Education for Sustainable Development (ESD): a case study of Uwabata, Japan  Min-Hwang Liang Characteristics of the new environmental education law in Taiwan	Wodno	orday an July and
Table number         Abstract           1         Nor Shidawati Abdul Rasid The need for environmental education as a strategy in corporate social responsibility practices in Malaysia           2         Ramsey Affifi Ecology is educational and education is ecological: curricular implications for environmental education           3         Melissa Allery New approaches to working with the Australian Sustainable Schools Initiative in South Australia           4         Sybia Almeida Environmental education in a climate of reform: understanding teacher educators' experiences           5         Lucia Almeida Towards a new culture of water at the National Autonomous University Of Mexico (UNAM Arades Andreas Andreapoulos EE holistic management: the sine-qua-non shift. Self-homeland-planetnest, Copanorama, sustainability science, EE-LLL, CCC SEP field           8         Mario Alberto Arrasta-Avila Cuba: a country moving towards a new energy paradigm. Energy education experiences           9         Per Askerlund Action competence for sustainable development: teachers responses to including different actions in their teaching           10         Jelle Boeve-De Pauw Eco-school-effectiveness: the case of flanders           11         Harry Breidahl IPMEN, uniting marine (environmental) educators across the Pacific           12         Peter Coleman Enviro-stories: establishing a sense of place through environmental storytelling           13         Ingrid Engdahl Children's voices on the state of the earth           14         Lynette Evans Cultivate imagination! Image-in-a		
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Orana Sandri Facing future challenges: what do we need to learn?	13	
	14	Orana Sandri Facing future challenges: what do we need to learn?

Table number	Abstract
2	<b>Patricia Armstrong</b> Giving them a hand: tomorrow's leaders for sustainability developing leadership potential for a better future
3	<b>Tony Bartram</b> Kangaroo Island Dolphin Watch: experiencing effective environmental education through collaborative, active, real world citizen science
4	Ingrid Berthold Citizen science working together for healthy waterways
5	<b>Wendy Boyd</b> Children's agency and participation in a water awareness program in early childhood centres in Australia
6	Michael Burke Education for a sustainable aquatic environment: the Western Australian experience
7	Yves Janin Designing an eco-civic game between spatial realism and urban issues
8	<b>Luigi Carrino</b> Teaching sustainability: animated readings as a strategic educational tool—'Stories from the Wood'
9	<b>Mary Catus-Wood</b> Education programs at Melbourne Water's treatment plants: a unique school resource, not a waste
10	Belinda Christie Critical thinking pedagogy for sustainability: academics' experiences across disciplines
11	Charlotte Clark A food and energy undergraduate class results in on-campus dining changes
12	Leigh Duncan and Waveney Bryant The butterfly effect at Meadowbank School: our unfolding story
13	Sophie Gaballa Student leadership as a tool for behaviour change
14	<b>Mihaela Gavrila</b> and <b>Davide Borrelli</b> GREEN ATTACK: environmental catastrophe between reality and representation
15	Merce Junyent and Josep Bonil A training model for teachers and teacher trainers in environmentalisation

Table number	Abstract
2	<b>Josep Bonil Gargallo</b> What can I wear this morning? An educative practice about education for sustainability
3	<b>Dianne Coady</b> Building the capacity of students to take environmental action: a secondary school case study
4	Glenn Davidson Building preferred futures: carbon management in Victorian schools
5	<b>Luiz De Carvalho</b> Environmental education practices and socioenvironmental conflicts: what can researches tell us about them?
6	Andrew Denzin Torres Strait YUMI environmental education
7	<b>Jenny Dibley</b> Evaluating the impact of school sustainability education programs on the wellbeing of school communities
8	<b>Neus (Snowy) Evans</b> What can social-ecological resilience contribute to education for sustainability?
9	<b>Daniel Fonseca de Andrade</b> The importance of dialogue indicators in the development of EE public policies in Brazil
10	Carol Fortino Mentoring of leaders in environmental education: a cascade of influence
11	Catherine Fredrickson Mobile technologies put the future of biodiversity in students' hands
12	<b>Christine Lambkin</b> Queensland Museum's Backyard Explorer: a successful biodiversity community engagement project
13	Maggie Muurmans Effective teaching programmes to aid species conservation in three continents
15	Graham Chalcroft Public space, public learning: art, place, interpretation, education

10 hours; Roundtable 5
Abstract
<b>Simon Burandt</b> Development and evaluation of eLearning and blended learning environments for sustainable development
Michael Burgess Marine WATERs: collaborating for the classroom
<b>Grahame Collier</b> Building the capacity of Australian sustainability educators
<b>Marceline Collins-Figueroa</b> An analysis of multidisciplinary initiatives in biodiversity across a teacher education system
Anna Cooke Digital storytelling: using technology to offer engaging experiences in remote areas
<b>Justine Daniel</b> Adults in deprivation situation adhere in their environment: a case of partnership in environmental education
<b>Beck Dawson</b> Green buildings alive: show us the data
Michael Fiechtner SEQ water education program 'up a dry gully learning program'
<b>Karen Hollweg, Justin Dillon</b> and <b>Huei-Min Tsai</b> Assessing environmental literacy nationally and internationally: what to measure and how to do it
Elaine Horne Experiential biodiversity and ecosystem conservation education
Larraine Larri Evaluating Education for Sustainability (EfS) programs
<b>Neville Slade</b> The Mojave Green: how a community college collaborates for a green future
700 hours; Roundtable 6
Abstract
<b>Lucia Almeida</b> An experience of research and participation through the BSc subject of Natural Resources at UNAM
<b>Mark Cridland</b> Differentiated teaching and learning in an Outdoor and Environmental Education Centre context
context  Glenn Davidson Teaching and learning for sustainability: designing adult learning for a low carbon
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### Thursday 21 July 2011

#### 1100–1140 hours; Roundtable 7

Table number	Abstract
1	<b>Josep Bonil Gargallo</b> Painting with the eyes: developing systemic thinking in the learning of urban environmental phenomena
3	Leanne Denby Sustain-ed: realising a sustainable society through education and collaboration
5	<b>Michael Duggan</b> Decentralised, global networks: a framework for multi-scaling education for sustainable development
6	Sue Field Environmental education through experience
7	Cyrelle Field Encouraging environmental youth ambassadors: working and learning for their futures
8	<b>Valeria Ghisloti Iared</b> Dialogue and participation spaces in environmental education educational processes
9	<b>Margarita Juarez-Najera</b> Trans-disciplinary courses in an engineering curriculum: a first approach in a public Mexican university
10	Yukio Kamino Envisioning self in wholeness: meeting planetary transformation with a renewed identity
11	<b>David Kopelke</b> Improving environmental education in outdoor education settings through listening to children
12	Michelle Lasen Embedding education for sustainability into primary pre-service teacher education
13	<b>Colleen Lockie</b> and <b>Glynne Mackey</b> Getting our act together: young children and adults collaborating for sustainable futures

#### 1150–1230 hours; Roundtable 8

Table number	Abstract
1	<b>Chrysanthi Kadji-Beltran</b> and <b>Aravella Zachariou</b> Novice teachers' self efficacy and needs for integrating ESD in their teaching practice
2	<b>John Lockley</b> Education for sustainability in New Zealand secondary schools: teachers creating local curriculum
3	<b>Rebeka Lukman</b> Evaluating environmental responsible behaviour of primary schools students: a case study from Slovenia
5	<b>Bruce Molloy</b> Too 'cool' for school: engaging teachers and learners in innovative learning experiences for sustainability
6	<b>Haydee Torres Oliveira</b> A portrait of environmental education (EE) in Sao Carlos, Sao Paulo, Brazil: when research and policy meet each other
7	<b>Salvatore Patera</b> and <b>Ezio del Gottardo</b> Community empowerment: sharing a social contract for evaluating the implementation of a biomass energy station
8	Ben Sanders Influencing sustainable behaviour change
9	<b>Barbara Sing</b> and <b>Danielle Taylor</b> Establishing iconic species monitoring in the West Kimberley through school and community partnerships
10	<b>Sharon Stuhmcke</b> A contemporary approach to exploring, experiencing and educating young children for the environment
11	Heather Zeppel Climate change education by Australian government tourism agencies

1330-1	410 hours; Roundtable 9
Table number	Abstract
2	Elizabeth Graham Forests of leaders: leaders for forests
3	<b>Despina Hatzidiakos</b> The contribution of an environmental program in changing daily habits of students
4	<b>Stephanie Hodge</b> Mainstreaming climate change, disaster risk reduction and environment in education through a child friendly schooling approach: promoting child rights and equity
6	<b>Richard Jurin</b> Creating a sustainable campus against all odds: the University of Northern Colorado experience
7	<b>Beverley Laing</b> Tomatoes come in trucks; corn comes in carrier bags: seasonal awareness through school gardens
8	<b>Elaine Lewis</b> Cool school adventurers: student empowerment, community building and whole systems thinking
10	<b>Sharon Lowe</b> Habitat heroes: educating children about environmental issues in the 21st century on line
11	<b>Howard Nielsen</b> Breaking the mainstream's addiction to unsustainable consumption
12	Michelle Preen Learning to live smart in Cape Town
13	<b>Honor Putland</b> Living smart households: achieving high level policy goals through learning by doing
14	Ben Stockwin Feeding the world sustainably: some food for thought
15	<b>Deb Watson</b> National Early Childhood Sustainability Certification
1420-1	500 hours; Roundtable 10
Table number	Abstract
1	<b>Fernanda De Vasconcellos Pegas</b> Protecting sea turtles through environmental education in the fishing village of Praia do Forte, Brazil
2	<b>Despina Hatzidiakos</b> Perceptions of kindergarten students about environmental concepts and practical implementation of kindergarten teachers: prospective approach
3	<b>Jonas Greve Lysgaard</b> Educational desires of Korean and Danish environmental NGOs: a comparative study of a global issue
4	<b>Shannon Malone-Brierley</b> and <b>Tina O'Keefe</b> Guardian angels' building the culture for effective change
5	Valentina Mazzoni What is essential to a good life? The children say that
6	Felicity McCullum Beyond the survey: a case study of reflection inquiry in local government
7	Luigina Mortari Educating to ecological virtues
9	<b>Genene O'Neill</b> What do I really believe? Environmental risk perception and the influence on environmental education
11	Christine Prietto High school students design houses for the future
12	Sue Saxby Bin-less and brave: the future is in our hands

1530-1	610 hours; Roundtable 11
Table number	Abstract
1	Gay Bingham Explore, experience and educate using social media
2	Wende Gomba Linking traditional culture with ESC (education for a sustainable China)
4	<b>Louise Kuchel</b> Community collaboration improves environmental and educational outcomes for upcoming environmental professionals: the iROOS story
5	<b>Frans Lenglet</b> Supporting urban sustainability: collaborative learning and ecosystem services for poverty alleviation
7	Sharon Marks Weaving water into Pacific Island community education
8	<b>Sue Martin</b> Creating local government learning communities within NSW reporting on the LGSA sustainability networks
9	<b>Elizabeth Moore</b> Wildlife rehabilitation and research: a model for education for sustainability, Kanyana collaborating for change
11	<b>Marco Rieckmann</b> Key competencies for sustainable development: what competencies should be developed in education for sustainable development?
12	<b>Carlos Andres Rios Uribe</b> Announce transformative optimism for natural hazard preparedness: go beyond naming injustice based on the pedagogy of Paulo Freire
13	Sarah Butler Local learning: fostering lessons learned from Gold Coast Waterwatch, Australia
14	<b>Vinai Veeravatnanond</b> Development of risk assurance criteria to the utilization of natural resources and environment for sustainable development in rural Thai communities
1620-1	700 hours; Roundtable 12
Table number	Abstract
1	<b>Justine Daniel</b> How environmental questions can be integrated within educational practices developed by popular education groups?
2	<b>Danielle Grynszpan</b> Social-environmental centre: a space for dialogue between scientists and popular cultures
3	<b>Lindomar Pritsch</b> Changing the practices of teachers and educators of southern Brazil through environmental education
4	<b>Despina Hatzidiakos</b> Interdisciplinary approach of an environmental education programme. Case study: 'the Gadoura dam in Rhodes'
5	Ndanganeni Litshani School gardening as an interactive site: aligning learning and life skills
6	<b>John Muriuki</b> Climate change awareness, effects and the impacts of adaptation strategies among Mt. Kenya forest-edge communities
Q	Holmi Picky School lunch and custainability food adjustion for custainability

	,	Kenya forest-edge communities
8	3	Helmi Risku School lunch and sustainability: food education for sustainability
1	10	<b>Ilga Salite</b> and <b>Antonijs Salitis</b> Environmental pedagogy study course for creation of personally meaningful theory in educational action research
1	11	Zarin Salter Sustainability education at a Perth primary school: what difference does it make anyway?
1	12	<b>Ray Seddon</b> and <b>Greg Ivey</b> Science, education and partnerships: the recovery of a flagship species by engaging community passion
1	13	<b>Seyyed Mohammad Shobeiri</b> Study of the behaviour of high school students concerning participation in environmental protection fields in Iran

Friday	Friday 22 July 2011	
1100-11	1100–1140 hours; Roundtable 13	
Table number	Abstract	
1	<b>Despina Hatzidiakos</b> Knowledge-attitudes of secondary school students about marine protected areas: implementation of environmental education programme	
2	<b>Irama Núñez</b> Environmental culture in the School of Sciences at the National Autonomous University of México, UNAM	
3	<b>Joanne O'Connor</b> Smoke patrols: a targeted community education tool. Do they change wood heater operator behaviours?	
4	Arthur Orsini Student leaders: agents of change across the school community	
5	Leif Ostman Teaching and learning to argue in the context of environmental and sustainable issues	
6	Karen Paroissien Collaboration: the future direction of sustainability education in NSW	
7	Jennifer Pearson More than a careers night: promoting EfS to secondary students	
8	Jody Plecas AUSMEPA: making marine environmental education easy—you can help	
9	<b>Ilga Salite</b> From environmental wisdom towards generation of insight for sustainability and sustainable participation in life activity	
10	Inger Shimell Enhancing sustainability: a leadership development approach	
11	<b>Jenny Turner</b> Educating engineers for sustainable community development: initiatives from engineers without borders—Australia	
12	David Zandvliet A community's tale on the development of a place-based learning environment	



1 3 4 5 6 8 10	Noeleen Rowntree Enabling and connecting young children as environmental literate citizens  Margo Smith Monitoring ecosystem health in Lake Macquarie City  Megan Sperring Future leaders eco challenges: engaging youth for a positive outlook for our Great Barrie Reef  Patrick Spiers Connecting classrooms for sustainability: video conference festivals and virtual lessons that complement fieldwork  Michele Stears Me and the environmental challenges: a local (South African) perspective on the ROSE project  Richard Swan Future focused pedagogy: empowering champion teachers to develop a whole-school approach to sustainability action learning  Wayan Tambun Strengthening communities in Oecusse, Timor Leste
3 4 5 6 8	Margo Smith Monitoring ecosystem health in Lake Macquarie City  Megan Sperring Future leaders eco challenges: engaging youth for a positive outlook for our Great Barrie Reef  Patrick Spiers Connecting classrooms for sustainability: video conference festivals and virtual lessons that complement fieldwork  Michele Stears Me and the environmental challenges: a local (South African) perspective on the ROSE project  Richard Swan Future focused pedagogy: empowering champion teachers to develop a whole-school approach to sustainability action learning  Wayan Tambun Strengthening communities in Oecusse, Timor Leste
4 5 6 8	Megan Sperring Future leaders eco challenges: engaging youth for a positive outlook for our Great Barrie Reef  Patrick Spiers Connecting classrooms for sustainability: video conference festivals and virtual lessons that complement fieldwork  Michele Stears Me and the environmental challenges: a local (South African) perspective on the ROSE project  Richard Swan Future focused pedagogy: empowering champion teachers to develop a whole-school approach to sustainability action learning  Wayan Tambun Strengthening communities in Oecusse, Timor Leste
5 6 8	Reef  Patrick Spiers Connecting classrooms for sustainability: video conference festivals and virtual lessons that complement fieldwork  Michele Stears Me and the environmental challenges: a local (South African) perspective on the ROSE project  Richard Swan Future focused pedagogy: empowering champion teachers to develop a whole-school approach to sustainability action learning  Wayan Tambun Strengthening communities in Oecusse, Timor Leste
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4.4	The state of the s
11	Jason Van Ballegooyen Leading change for sustainability in the Australian VET sector
12	<b>Pedro Vega Marcote</b> Environmental education and consumption: a study of a didactic strategy to consume sustainably
1330-1	410 hours; Roundtable 15
Table number	Abstract
1	Judith Chen-Hsuan Cheng School teachers' perception and attitude of outdoor environmental education
2	<b>Beatriz Rodrigues</b> TRANSFORMAR: program for environmental education and training of dissemination agents
3	Johanna Schockemoehle The relevance of action-oriented learning
4	Amy Shaw Are wildlife gardening programs effective environmental education initiatives?
5	Nel Smit Food for thought: food gardens in schools
6	Marta Soler Science museums: educational instruments that transform their setting
7	Conrad Starr and Denecia Myburgh Fighting the aliens in the Vaal River system
9	<b>Flavia Torreao Thiemann</b> The multiple meanings of biodiversity and its correlations to environmental education
10	Kenia Valderrama Strategies for implementing a composting system in homes of Mexico City
11	<b>Vinod Kumar Vishnoi</b> Environmental enrichment though community participation in forest areas in Assam, India
12	<b>Xue Wang</b> Exploration and practice of the collaboration network in Chongqing's ESD and environmental protection
1420-1	500 hours; Roundtable 16
Table number	Abstract
1	Andy Donnelly ClimateWatch trails: capacity building for citizen science
2	<b>Vania Gomes Zuin</b> Environmental education and green chemistry: a pedagogical proposal at Federal University of Sao Carlos (Brazil)
4	<b>Helen Watkins</b> Collaboratively applying critical and creative thinking within an environmental education partnership
5	<b>Rachael Williams</b> and <b>Marceline Collins-Figueroa</b> Initiating a regional movement for environment and sustainability in Caribbean universities: MESCA-Phase 1
6	Sandra Wooltorton It's still on the table: sustainability transition in a university faculty
8	Aravella Zachariou Paving the way for sustainable schools: examples from Cyprus
9	David Zandvliet Places and spaces
10	Heng Zhang Features of community resident pro-environment behaviour: Tainan County, Southern Taiwa
11	<b>Michaela Zint</b> Advancing environmental education program evaluation: insights from a review of behavioural outcome evaluations

# Poster presentations program: by session

Venue: exhibition hall, Great Hall 3 & 4

1700-17	40 hours
Poster	
number	Abstract
P001	<b>Mauri Ahlberg</b> The core of EE, ESD and sustainability: learning sustainable use of biodiversity—NatureGate® Online Service
P002	<b>Mervi Aineslahti</b> ENSI—Environment and School Initiatives: international network and a partner in school development
P004	<b>Annukka Alppi</b> Learning from the local and global collaboration of a leading edge rural environmental school for EE
Poo6	Tiffany Bollhorn The natural palette: connecting children to nature through environmental art
P007	<b>Josep Bonil Gargallo</b> Do you capture impacts? A didactic activity designed from complexity, interdisciplinarity and networking
Poo8	<b>Josep Bonil Gargallo</b> Exploring representations of mobility problems as a starting point for didactic activities on sustainable mobility
P009	Josep Bonil Gargallo Thinking of emotions to consumer education
P011	Robyn Cairns Emotional connectedness to nature at school and local natural environments
P012	<b>Janete Calmon De Araujo</b> Environmental education and religiosity: Candomble Jeje's contribution in shaping the ecological self
P013	<b>Nilva Campina</b> Comparative study of environmental perception of primary school teachers from two rural towns in Brazil
P014	<b>Nilva Campina</b> Online learning network for environmental education and public communication of science in five Brazilian cities
Po15	<b>Gisela Cebrian Bernat</b> The teacher student's perception on professional competences on education for sustainability: an exploratory study
Po16	<b>Despina Hatzidiakos</b> The contribution of ethical education to the foundation of environmental wisdom and the approach of sustainability
Po17	<b>Alexandra Coghlan</b> Environmental education for conservation volunteer tourism leaders: resources to foster lasting change through transformative learning
Po18	Alicia Constable Mechanisms to facilitate ESD in non-formal settings
P019	Ismael Dagostin Gomes Environmental education: towards an integral educators training
P020	<b>Rodolfo De Figueiredo</b> Environmental educational experiences in rural areas: diagnosis and experience systematization in rural schools in Brazil
P021	<b>Esmeya Diaz</b> The lens of sustainability: teaching resource to focus the concept of sustainable development
P022	Chris Eames The impact of an education for sustainability website on a Chilean community
P023	Stephen Etheridge Showcasing Environmental Education Centres in NSW
P024	Emilia Fagerstam Children's natural sense of place in an urban multicultural context
Po25	Osvaldo Freitas De Jesus Environmental education and value formation
Po26	Agatha Gambino In-field experiential learning: engaging teachers as well as children
Po27	<b>Valeria Ghisloti Iared</b> The potential of integrating different spaces educators for a joint work on environmental education
Po28	<b>Ana Olga Gonzalez</b> Didactic gardens for the integration of the environmental education to the mathematics reasoning course
P032	<b>Antoni Grau</b> A novel mathematical 'sustainable university model': the Barcelona Industrial Engineering School case
Po33	<b>Antoni Grau</b> Pedagogical resources database for the 'sustainability and social commitment' competence in the higher degrees
Po <sub>34</sub>	Ronda Green Educating ecotourists about wildlife
Po <sub>35</sub>	Julie Harris Building a community of 'change masters' for sustainability
Po <sub>37</sub>	Barbara Jensen Empowering 3, 4 & 5 year olds, their families and communities to use water wisely

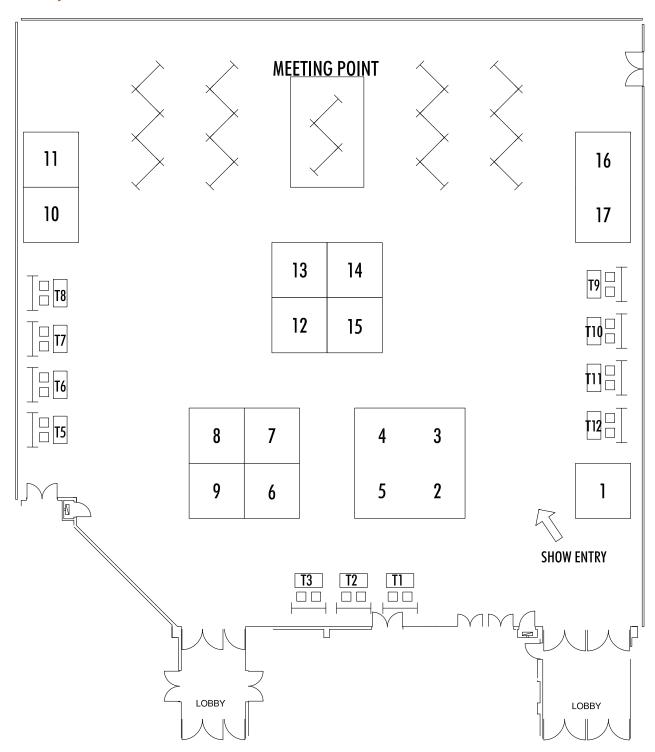
1700–1740 hours	
Poster number	Abstract
Po36	<b>Sarah Houseman</b> A professional learning case study for the Australian Sustainable Schools Initiative in Victoria
Po <sub>3</sub> 8	<b>Richard Jurin</b> Understanding the range of what spirituality means in the USA for a positive educational experience
Po39	<b>Parichat Khengkaew</b> A development of the training package on environmental aesthetics for students in Thailand
P040	<b>Amy Krupa</b> Algae busters: an innovative approach to catchment education to protect the Swan-Canning Rivers
Po41	Paul Lucas Showcasing Townsville: a 'top-end' sustainable school's system
P042	<b>Rosalba Maresca</b> Education to seismic risk mitigation: an example of low-cost research in the service of policy
P043	<b>Dianne Martin</b> Developing a home water use monitoring tool, WaterWatcher: an online application for community use
P044	Suzete Mattos The librarian as agent and the social construction of an eco-citizen awareness
Po45	Saori Miyazaki School-based curriculum development for environmental literacy in Japan
Po46	Bruce Molloy Edible Schoolyards Program
P047	<b>Haydee Torres Oliveira</b> Developing abilities in teaching—learning process of community environmental education: Ãgua Quente project—Brazil
Po48	Zenaide Pais Topanotti School herbarium: botanical teaching and environmental education
Po51	Jody Plecas Computers, literacy and marine education
Po53	<b>Chartnapa Promma</b> The integration management model for liveable city of Uttaradit Rajabhat University and local organization networks
Po54	<b>Hector Correa-Rodriguez</b> Guaitia Kachi Ke Ni, environmental education and community voluntary work
Po55	<b>Kieran Richardt</b> Storage, backup and reporting of environmental education and monitoring data: lesson learned, Gold Coast Waterwatch
Po56	<b>Marco Rieckmann</b> Informal competence development of volunteers of sustainability groups in Ecuador and Germany
Po57	<b>Carlos Andres Rios Uribe</b> Tsunami hazard preparedness in the North American pacific northwest coast: a quantitative environmental education research
Po58	<b>Saleit Ron</b> Students' ecological monitoring collaboration: the LTER-EDU Project at Ramat Hanadiv Park, Israel
Po59	<b>Johanna Schockemoehle</b> Regional learning 21+ as a new concept of outdoor education: strengthening competences and regional identity
Po6o	<b>Lisa Siegel</b> Bellingen EYE (Environmental Youth Experience): shifting paradigms and saving the planet
P061	<b>Felipa Silveira</b> Models for sustainability certification for the built environment and the role of environmental education
P062	<b>Felipa Silveira</b> Teaching environmental education through research projects developed by high school students
Po63	<b>Marta Soler</b> NYAM, NYAM what are we having for breakfast? An interdisciplinary proposal to work at school
Po64	Marta Soler Questions in the 'Messages or Messengers?' activity
Po65	<b>Emilio Sperone</b> Explore and experiment: the educational strategy of Rimuseum—Museum for the Environment
Po66	Per Sund The extras: content communicated to students through teachers' ESD approach
Po67	Linda Venn Ingham earth smarties
Po68	<b>Natalia Vieira De Carvalho</b> The contextualization in environmental education: an analysis of didactic sequences 'The Environment and You Teacher: A network of knowledge'
P069	<b>Carlie Wiener</b> Remote reef missions: changes in students perceptions about science and the marine environment using telepresence
P070	Mayla Willik Valenti Environmental education and biodiversity in protected areas of Sao Paulo State, Brazil

## **Exhibition hall**

#### **Exhibition hall opening hours**

Tuesday 19 July 2011 Wednesday 20 July 2011 Thursday 21 July 2011 Friday 22 July 2011 1730–1930 hours 0800–1740 hours 0830–1740 hours 0830–1530 hours

#### Floorplan



Exhibitors	Booth
Australian Association for Environmental Education	T2
Australian Government Department of Sustainability, Environment, Water, Population and Communities (DSEV	VPaC)7
Australian Marine Environment Protection Association (AUSMEPA)	T11
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Biological Farmers of Australia	T9
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Green Cross Australia	T6
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OzGREEN	T7
Phil Little Sustainable Design Foundation/Solar Decathlon Australia	T12
Queensland Government	2-5
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Routledge	10
Sunshine Coast Council	11
WEEC Permanent Secretariat	T1
Wild Mob	T10
world.edu	T5



#### **Exhibitor information**

# Australian Association for Environmental Education

Sandy Eager Administration Co-ordinator PO Box 560, Bellingen NSW 2454 T: +61 2 6655 1865 E: admin@aaee.org.au W: www.aaee.org.au

AAEE's approach to promoting environmental education is positive, cooperative and inclusive. Over almost 30 years, AAEE has worked with government and nongovernment organisations in the interests of quality education and environmental change. AAEE exists to provide a forum for the Australian community to share their knowledge and expertise. It also serves to represent environmental educator's in discussions, debates and recommendations to issues and directions for a sustainable future.

AAEE has professional links with similar associations and it is through strong partnerships like these that we ensure a positive, cooperative and inclusive framework for change through environmental education.

# Australian Government Department of Sustainability, Environment, Water, Population and Communities (DSEWPaC)

Sustainability Education GPO Box 787, Canberra ACT 2601 T: +61 2 6274 1111 E: ciu@environment.gov.au W: www.environment.gov.au/education

The Australian Sustainable Schools Initiative (AuSSI) is a collaborative partnership between the Australian Government, state and territory governments, and the Catholic and independent school sectors. It aims to improve student learning towards more sustainable patterns of living. AuSSI is delivered through a flexible framework that allows for various sustainability programs and approaches (government and nongovernment) to be utilised for student learning for sustainability. Areas of focus commonly include resource consumption, energy, water, waste and biodiversity considerations.

# Australian Marine Environment Protection Association (AUSMEPA)

Jody Plecas
Education Officer
28 Normandy Crescent, Aroona QLD 4551
T: +61 7 5491 5869
E: education@ausmepa.org.au
W: www.ausmepa.org.au

Helping educators incorporate marine education into their teaching plan is important to the Australian Marine Environment Protection Association (AUSMEPA). Stall visitors will see a variety of **marine education posters** aligning with our free online curriculum units. Our education topics include marine pests and threats, stormwater pollution, ships and ports, climate change and coral bleaching. Also available are tools for student leadership in coastal conservation projects and the *Welcome to Australia* DVD outlining the legal responsibilities of ships entering Australian waters.

#### **Auzion**

Innovation Centre, 90 Sippy Downs Drive, Sippy Downs QLD 4556 T: 1300 AUZION (1300 289 466) E: info@auzion.com.au W: www.auzion.com

Auzion is an Australian-owned company that provides sustainable solar technology products and energy management solutions to residential, educational, industrial and commercial sectors. A proud solar manufacturer and wholesaler, Auzion is one of very few companies supporting both the local market and customers nation-wide with their cost effective, state-of-the-art solar energy systems.

Auzion's philosophy and innovation extends from research and the development of clean, green renewable energy and are committed to providing their clients with quality systems that will produce both environmental and financial benefits.

#### **Biological Farmers of Australia**

Jane Burns

Program Manager, BFA Organic School Gardens Program PO Box 530, Chermside QLD 4032

T: +61 7 3350 5706 F: +61 7 3350 5996

E: organicschools@bfa.com.au W: www.organicschools.com.au

Twitter: www.twitter.com/organicschools

The Biological Farmers of Australia (BFA) Organic School Gardens Program is available free to all Australian primary schools and is designed for students aged 8 to 12 years. The online education program has been developed to assist schools to create organic gardens and, in turn, learn about the benefits of organic systems for plant, human and animal health and the environment. Written in line with Australian organic standards, the program provides written materials for lessons taking place both inside and outside the classroom (along with comprehensive notes for educators).

#### **Early Childhood EE Networks**

Queensland Early Childhood Sustainability Network: www.earlychildhoodaustralia.org.au/state\_territory\_branches/queensland\_branch/queensland\_early\_childhood\_sustainability\_network.html

Environmental Education in Early Childhood (Vic Inc): www.eeec.org.au

NSW Early Childhood Environmental Education Network: www.eceen.org.au

The three Australian early childhood education for sustainability networks (Queensland Early Childhood Sustainability Network, Environmental Education in Early Childhood (Vic Inc) and NSW Early Childhood Environmental Education Network) are state-based communities of educators, members of government and community groups, families and children with an interest in creating living and learning spaces within our communities that reflect and encourage sustainability thinking and practices. Collectively, their role is to connect, support and advocate for education for sustainability within early childhood contexts.

#### **Green Cross Australia**

Miranda Mason Director of Education

PO Box 12117, George Street, Brisbane QLD 4003

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W: www.greencrossaustralia.org

Green Cross Australia empowers people to respond to environmental change in ways that embrace sustainability and community resilience. Our focus includes natural disasters such as bushfires, cyclones and floods and longer-term change such as rising sea levels and drought. We support practical action that inspires a values shift towards sustainability and resilience, working through social media and on the ground with young emergency volunteers, communities impacted by severe weather events, and primary school students providing award winning environmental education. Find out more about our work at www. greencrossaustralia.

#### **Griffith University**

Dr Jo-Anne Ferreira Director Griffith University EcoCentre, Nathan campus, Nathan QLD 4111

E: j.ferreira@griffith.edu.au

W: www.griffith.edu.au/postgraduate

#### We're leading the way with our environment degrees.

We were the first Australian university to offer environmental science degrees and we have Australia's longest running environmental education program—the Master of Environment (Education for Sustainability). A degree that offers you the chance to learn from an award winning team of environmental educators and researchers who have worked with international entities such as UNESCO, United Nations Environment Programme and United Nations Development Programme.

To find out more about our flexible study options visit griffith.edu.au/postgraduate.

#### **Healthy Waterways**

Sharon Marks Community Education Officer PO Box 13086, Brisbane QLD 4003

T: +61 7 3177 9100 F: +61 7 3177 9190

E: sharon.marks@healthywaterways.org

W: www.healthywaterways.org

Healthy Waterways is a not-for-profit organisation that facilitates planning and coordinated efforts among a network of member organisations from government, industry, research and the community to achieve a shared vision for waterway health.

Healthy Waterways has four key program areas including Water by Design, Science and Innovation, the Ecosystem Health Monitoring Program and the Communication, Education and Motivation (CEM) Program. The CEM Program implements initiatives that engage and educate the community on the issue of waterway health, and motivates individual and collective community action.

#### **James Cook University**

Prof Bob Stevenson Professor and Research Leader (Education for Environmental Sustainability) The Cairns Institute and School of Education PO Box 6811, Cairns QLD 4870

T: +61 7 4042 1704 F: +61 7 4042 1880

E: hilary.whitehouse@jcu.edu.au *M. Ed (Sustainability) enquiries* 

E: bob.stevenson@jcu.edu.au Ph D (Sustainability) enquiries

W: www.public.jcu.edu.au/education

James Cook University makes the most of its proximity to tropical Australia's spectacular World Heritage reefs and rainforests. World-leading researchers address the challenges facing the tropics, including the impact of climate change on ecosystems and communities.

The School of Education offers:

- innovative online programs—Master of Education and Graduate Certificate in Education for Sustainability
- unique opportunities for masters and doctoral research in many areas of EE/EfS, including climate change education
- collaborations across many disciplines and government and community agencies

## Outdoor and Environmental Education Centres

Noeleen Rowntree Deputy Chair PO Box 294, Albany Creek QLD 4035 T: +61 7 3353 4356

F: +61 7 3353 2624 E: nrown1@eq.edu.au

W: www.education.qld.gov.au/schools/environment/outdoor

Education for an environmentally sustainable future and a focus on pedagogy and place are key themes within O&EEC programs. All outdoor and environmental education programs are linked to the school curriculum, professional development, team building and leadership objectives. Strong links are fostered with local communities. O&EECs offer educational programs in unique environments such as forests, tropical reeffringed islands, beaches, outback and rural Queensland, rainforests, estuarine and freshwater habitats.

#### O&EECs provide:

- specialised pedagogy in learning beyond the classroom—the fifth pedagogy which supports learning for sustainability
- activities that stimulate self-awareness and personal growth, challenging students and teachers to extend their individual capabilities and develop team building and leadership skills through a spirit of cooperation
- > a day centre experience or overnight camp

#### **OZGREEN**

Sue Lennox
CEO / Co-Founder
PO Box 301, Bellingen NSW 2454
T: +61 2 6655 2180
F: +61 2 6655 1964
E: slennox@ozgreen.org.au
W: www.ozgreen.org.au

OzGREEN informs, inspires and involves people to tackle critical environmental sustainability challenges and become leaders of positive social change. Established in 1992, OzGREEN is an independent not-for-profit organisation and operates nationally in Australia and overseas in India and East Timor. OzGREEN's unique approach incorporates transformative learning, participatory leadership and community development, enabling people to develop innovative sustainability solutions themselves. YOUth LEADing the World is OzGREEN's bold new initiative to accelerate change and amplify the impact of our award winning programs.

# Phil Little Sustainable Design Foundation / Solar Decathlon Australia

Phil Little

M: +61 424 055 960

E: littlepa@optusnet.com.au

W: www.plsdf.com

W: www.solardecathlon.com.au

Phil Little is the CEO of The Phil Little Sustainable Design Foundation. He works with universities, schools, private and public organisations around Australia on designing, planning and building clean energy communities.

Phil Little is also the CEO of the Solar Decathlon Challenge in Australia. The Solar Decathlon Challenge is a competition inviting teams from colleges and universities to participate in an unparalleled solar competition to design, build, and operate the most attractive and energy-efficient solar-powered home which is also capable of powering an Electrical Vehicle (EV). For further details head to: www.solardecathlon.com.au.

#### **Queensland Government**

T: 13 QGOV (13 74 68) or +61 7 3405 0970 W: www.qld.gov.au

The Queensland Government is taking action on a number of fronts to reduce the state's carbon footprint. This includes a wide range of education programs and initiatives that are encouraging Queenslanders to adopt 'green' attitudes towards their energy use, fuel consumption and waste minimisation. At the Queensland Government display, learn more about Queensland's Outdoor and Environmental Education Centres—also featured in the parallel program "Learning Beyond the Classroom"—as well as *Climate Q: toward a greener Queensland* initiatives.

#### **Redland City Council**

Redlands IndigiScapes Centre, 17 Runnymede Road, Capalaba QLD 4157

T: +61 7 3824 8611

E: in digiscapes @ red land. qld. gov. au

W: www.indigiscapes.com.au

Redlands IndigiScapes Centre is an environmental education centre and locally native botanic garden located south of Brisbane. A wide range of environmental extension programs are based at the centre, working with volunteers on public land and with private landholders in improving their own properties. The education programs and display gardens compliment each other to provide practical solutions for environmental problems affecting the city such as weed encroachment, erosion and management of waste. The centre is open every day except Monday and includes a café, walking track, playground and picnic areas with BBQs.

#### Routledge

Sarah Blatchford Regional Director Level 2, 11 Queens Road, Melbourne VIC 3004

T: +61 3 8842 2413 F: +61 3 8842 2422

E: enquiries@tandf.com.au
W: www.informaworld.com

Routledge is the world-renowned humanities, arts and social sciences imprint of Taylor & Francis, a leading international publisher of academic books and journals since 1798. Routledge/Taylor & Francis has more than 20 offices worldwide, including a journal's publishing operation in Melbourne with a list of more than 60 Australasian-edited journals published on behalf of learned societies and institutions in the region. Under our Routledge imprint we publish across the spectrum of the humanities, arts and social sciences.

#### **Sunshine Coast Council**

Ben McMullen
Environmental Initiatives Coordinator
Locked Bag 72, Sunshine Coast Mail Centre QLD 4560
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Sunshine Coast Council's vision is to be "Australia's most sustainable region—vibrant, green, diverse." Realising this vision depends on creating a motivated and informed community. An educated and informed community is essential for mobilising, guiding and driving us to address the challenges in achieving the Coast's sustainability vision. Innovative education programs are under ongoing development to reach our various community sectors and catalyse positive change on issues from waste, climate change, sustainable living, smart travel, water quality management and biodiversity conservation.

#### **WEEC Permanent Secretariat**

Istituto per l'Ambiente e l'Educazione Scholé Futuro Via Bligny 15, 10122 Torino, ITALY E: secretariat@environmental-education.org T/F: +39 011 4366522

The WEEC International Environmental Education Network is a worldwide network of debate and research. The network was established to give the Congresses continuity. This will consequently favour discussions about the key issues in environmental education; the exchange of thoughts, experiences and proposals from one Congress to the next; and the creation of a worldwide community of researchers and practitioners in environmental education and sustainability.

#### Wild Mob

Andrew Elphinstone
Business Development Officer
PO Box 1724, Milton QLD 4064
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F: +61 7 3337 9835
E: andrew@wildmob.org or info@wildmob.org
W: www.wildmob.org

Wild Mob is a not-for-profit organisation working on meaningful environmental management projects in remote and iconic Australian destinations. We are dedicated to protecting Australia's unique biodiversity through practical conservation and rehabilitation programs. Wild Mob offers a unique experience between volunteering and adventure getaways. We welcome schools (including Duke of Edinburgh participants) and provide formal education components to suit biology, geography, marine and multi-strand science curriculum requirements. We believe education and community engagement are essential in achieving long-term impacts on ecosystems, and are key focus in our organisation.

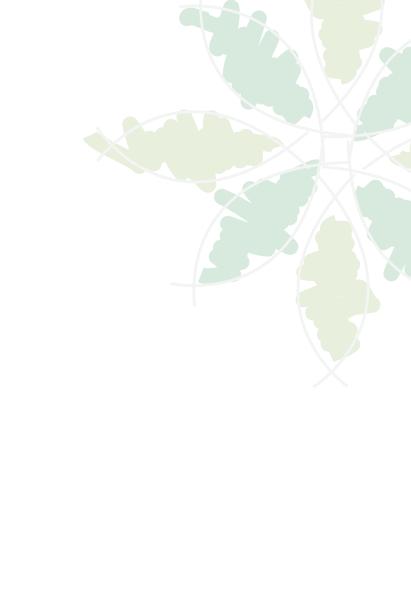
#### world.edu

E: info@world.edu

world.edu is a global internet community conduit for academia, government, business and the LOAHS community with education content related to sustainable futures and environmental and social change. Higher education staff and students are partners providing content, comment, research results and opinion. Jobs, courses and events are publicised to our global audience. Delegates will be able to submit material for publication, register for the world.edu newsletter and exclusively register for a prestigious your.name@world.edu email communication account. Login to http://weec.world.edu to register.

# Notes


Notes

# The Queensland Government

is a proud sponsor of the 6th World Environmental Education Congress

Brisbane, 19-23 July 2011

Protecting our lifestyle and environment for Tomorrow's Queensland.



Tomorrow's Queensland: strong, green, smart, healthy and fair



