



ENVIRONMENTAL RESEARCH EVENT 2010

Australasia's Largest Annual Environmental Postgrad Conference

27th – 30th June 2010

27 June 2010, SUNDAY - Conference Opening

Time	AM/PM	Stream	Activity	Location
3.00 - 4.30	PM		<i>Registration</i>	Building 29
4.30 - 4.35	PM		Introducing the ERE Committee	Building 29
4.35 - 4.50	PM		Welcome by Prof. Jennelle Kyd, Deputy Vice-Chancellor (Research, Scholarship and Industry), CQUniversity	Building 29
4.50 - 5.05	PM		Welcome to Rockhampton by Cr. Brad Carter, Mayor, Rockhampton Regional Council	Building 29
5.05 - 5.20	PM		Orientation by Prof. Kerry Walsh, Centre for Plant and Water Science, CQUniversity	Building 29
5.20 - 7.00	PM		Debate conducted by Ben Kele/Craig Froome (Speakers: Prof. Paul Meredith, A/Prof. Andrew Wilford, Prof. Ove Hoegh-Guldberg & Mr. Richard Dennis)	Building 29
7.00 - 10.00	PM		<i>BBQ/Drinks</i>	<i>Building 43 Courtyard</i>

28 June 2010, MONDAY – Session One

Time	AM/PM	Stream	Activity	Location
6.00 - 7.30	AM		<i>Breakfast for Delegates staying at the Capricorn College Accommodation</i>	<i>Building 43 Dining Area</i>
8.00 - 8.30	AM		Keynote Speaker – Prof. Paul Meredith, UQ; <i>Next Generation Photovoltaics</i>	Building 5
8.30 - 9.00	AM		Keynote Speaker – Mr. Charlie Sotiris, Gladstone Regional Council; <i>Waste Management in Local Government</i>	Building 5
9.00 - 9.25	AM	Energy	Brian Mackness - CQUniversity ; <i>Picturing climate change - bringing the abstract into focus</i>	Building 5
9.25 - 9.50	AM		Anna Cooke - UQ; <i>Why am I lowering carbon footprint? Autonomous motivation and sustainable lifestyle change</i>	Building 5
9.50 - 10.15	AM		Craig Froome - UQ; <i>Renewable energy deployment under Australia' energy policy</i>	Building 5

10.15 - 10.40	AM		<i>Morning Tea</i>	<i>Building 5 Courtyard</i>
10.40 - 11.10	AM		Keynote Speaker – A/Prof. Andrew Wilford, Bond University; <i>(Education)</i>	Building 5
11.10 - 11.35	AM	Sustainability/Education	Maryanne Jones - CQUniversity; <i>What are the likely consequences of climate change for four estuaries of the dry tropics of eastern Australia?</i>	Building 5
11.35 - 12.00	AM		Awais Khatri - RMIT; <i>Developments in reactive dyeing of cotton to improve sustainability</i>	Building 5

12.00 - 1.00	PM		<i>Lunch</i>	<i>Building 5 Courtyard</i>
1.00 - 1.25	PM		Hanna Nair - MU; <i>Film based methodologies for assessment of erosion risk aboriginal shell midden sites</i>	Building 5
1.25 - 1.50	PM	Education & Policy	Michael Shiell – Uni of Ballarat; <i>Direct and indirect learning for students through creation of Empheral Environmental Art</i>	Building 5
1.50 - 2.15	PM		Benjamin Cooke - RMIT; <i>Private land conservation programs: recognising social context in the participatory decision making process and landholders</i>	Building 5
2.15 - 2.40	PM		Elizabeth Dumont - JCU; <i>Zoning and the placement of heavy industry in the Townsville area - the environmental justice implications</i>	Building 5
2.40 - 3.05	PM		Jeanette Wright – Uni of Waikato; <i>Ecological modernisation and sustainable development in New Zealand: a framework analysis</i>	Building 5

3.05 – 3.30	PM		<i>Afternoon Tea</i>	<i>Building 5 Courtyard</i>
3.30 – 4.00	PM		Keynote Speaker – A/Prof. Nanjappa Ashwath, CQUniversity; <i>Phytotechnologies for Sustainable Environment Management</i>	Building 5
4.00 – 4.25	PM	Remediation	Benjamin Jones - UQ; <i>Role of organic materials in improving the properties of bauxite processing sand for revegetation</i>	Building 5
4.25 – 4.50	PM		Kartik Venkatraman - CQUniversity; <i>Predicting site water balance of a phytocapped site using HYDRUS 1D</i>	Building 5
4.50 – 5.15	PM		Maria Taylor - ANU; <i>How can you transition without understanding what happened before? The framing of climate change in Australia 1987-2001</i>	Building 5

*Dinner for Delegates Staying at the Capricorn College Accomodation will be served in Building 43 Dining Area (6.30 pm – 8.30 pm)

28 June 2010, MONDAY – Session Two

Time	AM/PM	Stream	Activity	Location
6.00 - 7.30	AM		<i>Breakfast for Delegates staying at the Capricorn College Accommodation</i>	<i>Building 43 Dining Area</i>
8.00 - 8.30	AM		Keynote Speaker – Prof. Paul Meredith, UQ; <i>Next Generation Photovoltaics</i>	Building 5
8.30 - 9.00	AM		Keynote Speaker – Mr. Charlie Sotiris, Gladstone Regional Council; <i>Waste Management in Local Government</i>	Building 5
9.00 - 9.25	AM	Waste	Mohammed Ali Abduli - UoTehran; <i>Feasibility of RDF production from Shiraz municipal solid waste and its utilisation in Fars cement factory as an alternative fuel</i>	Building 6
9.25 - 9.50	AM		Farideh Heidarpour - UoPutra, Malaysia; <i>New perspective on microbiological water control by nano silver filter</i>	Building 6
9.50 - 10.15	AM		Bunrith Seng - UoYmanashi; <i>Vertical moisture content simulation in static pile composting</i>	Building 6

10.15 - 10.40	AM		<i>Morning Tea</i>	<i>Building 5 Courtyard</i>
10.40 - 11.10	AM		Sarah Buelow - VU; <i>Do labels help consumers sort packaging wastes?</i>	Building 6
11.10 - 11.35	AM		Abul Rashid - CQUniversity; <i>Attrition Index - a measure for environmental pollution caused by alumina</i>	Building 6
11.35 - 12.00	AM		Masoud Mohammad Esmaeli - RMIT; <i>A generic algorithm approach for modelling and optimisation of aggregate production planning with re manufacturing</i>	Building 6

12.00 - 1.00	PM		<i>Lunch</i>	<i>Building 5 Courtyard</i>
1.00 - 1.25	PM			
1.25 - 1.50	PM			
1.50 - 2.15	PM			
2.15 - 2.40	PM			
2.40 - 3.05	PM			

3.05 – 3.30	PM		<i>Afternoon Tea</i>	<i>Building 5 Courtyard</i>
3.30 – 4.00	PM		Keynote Speaker – A/Prof. Nanjappa Ashwath; <i>Phytotechnologies for Sustainable Environment Management</i>	Building 5
4.00 – 4.25	PM	Water/Waste water	Amir Keshtgar - RMIT; <i>Design of drip irrigation system using micro tubes</i>	Building 6
4.25 – 4.50	PM		Adam Loch - UoSA; <i>A simple model of irrigator trade behaviour in the southern Murray Darling basin</i>	Building 6
4.50 – 5.15	PM		Yen-Yui Liu - UQ; <i>Effect of irrigation with dairy effluent on soil quality</i>	Building 6

*Dinner for Delegates Staying at the Capricorn College Accomodation will be served in Building 43 Dining Area (6.30 pm – 8.30 pm)

29 June 2010, TUESDAY

Time	AM/PM	Stream	Activity	Location
6.00 - 7.30	AM		<i>Breakfast for Delegates staying at the Capricorn College Accommodation</i>	<i>Building 43 Dining Area</i>
8.00 - 8.30	AM		Keynote Speaker - Dr. John Abbot; CQUniversity; <i>Impact of pesticides and nutrients on the Great Barrier Reef</i>	Building 5
8.30 - 9.00	AM		Keynote Speaker – Prof. Ove Hoegh-Guldberg; <i>The evil twin of global warming: Ocean acidification and its impact on the global ocean</i>	Building 5
9.00 - 9.30	AM		Keynote Speaker – Dr. Susan Kinnear; <i>The Cleantech CQ concept – ticking the boxes on climate, carbon and community for Central Queensland</i>	Building 5
9.30 - 10.00	AM		Keynote Speaker – Mr. Richard Sanders; <i>Economics for a sustainable world.</i>	Building 5
10.00 – 10.25	AM	Economic Sustainability	Michael Duggan - UoSC; <i>Sustainability 2.0 - education for sustainable development in a globalised world</i>	Building 5

10.30 - 10.50	AM		<i>Morning Tea</i>	<i>Building 5 Courtyard</i>
10.50 - 11.15	AM	Economic Sustainability	Himdari Roy Ghatak - SLIE; <i>Techno-economic potential of wind integrated black liquor electrolysis in carbon constrained world</i>	Building 5
11.15 - 11.40	AM		Siew-Neng Franks Leong - QUT; <i>Sustainability: The driver of urban infrastructure</i>	Building 5
11.40 - 12.05	AM/PM		Md Shahanur Hasan - CQUniversity; <i>Role of optimal process design in machine manufacturing for economic sustainability</i>	Building 5

12.05 - 12.30	PM		<i>Lunch</i>	<i>Building 5 Courtyard</i>
12.30 - 3.00	PM		Field Visit - Koorana Crocodile Farm	Bus Departs from Uni Bus stop (building 7)
6.30 - 9.30	PM		Formal Dinner/Prize Distribution/Keynote Speaker-Ms. Lillias Bovell, Publishers National Environment Bureau; <i>Newsprint production; surprisingly sustainable</i>	<i>Building 43 Dining Area</i>

30 June 2010, WEDNESDAY

Time	AM/PM	Stream	Activity	Location
6.00 - 7.30	AM		<i>Breakfast for Delegates staying at the Capricorn College Accommodation</i>	<i>Building 43 Dining Area</i>
8.00 - 8.30	AM		Keynote Speaker – A/Prof. Larelle Fabbro, CQUniversity; <i>Planning for sustainable water supplies</i>	Building 5
8.30 - 8.55	AM		Keynote Speaker - Dr Richard Denniss, The Australia Institute; <i>(Climate Change)</i>	Building 5
8.55 - 9.20	AM	Water/Waste water	Dr. Leonie Barnett - CQUniversity; <i>Use of parasites as indicators of estuarine health and the presence of important host species</i>	Building 5
9.20 - 9.45	AM		Saber Ahmed - CQUniversity; <i>Heterogeneous photocatalytic water purification process of storm and waste reuse: a review on recent developments</i>	Building 5
9.45 - 10.10	AM		Sadia Jihan Khan - CQUniversity; <i>Thin mixed film bed reactor (TFFBR) for solar photocatalytic inactivation of aquatic pathogens</i>	Building 5

10.10 - 10.30	AM		<i>Morning Tea</i>	<i>Building 5 Courtyard</i>
10.30 – 10.55	AM		Alexander Robertson - UoW; <i>Disposal of high TDS liquid waste - preliminary zero liquid discharge feasibility study</i>	Building 5
10.55 – 11.20	AM		Kambiz Seyyedi - Islamic Azad University; <i>Treatment of dye solution containing C.I basic yellow 2 by electrocoagulation in a continuous tubular reactor</i>	Building 5
11.20-11.45	AM		Benjamin Kele – CQUniversity, <i>Commercialising Environmental Post Graduate Research</i>	Building 5
11.45-12.10	AM/PM		Kha Le Tu - UoW; <i>Boron rejection by nanofiltration and reverse osmosis membranes: effects of pH and ionic strengths</i>	Building 5

12.10 - 1.00	PM		<i>Lunch</i>	<i>Building 5 Courtyard</i>
1.00-1.25	PM		Ghasul Hossain - UTS; <i>Oxidative degradation of chlorophenols by potassium permanganate: a kinetics study</i>	Building 5
1.25 – 1.50	PM		Abdulhakeem Alturki - UoW; <i>Removal of trace organic contaminants by membrane bioreactor followed by nanofiltration/reverse osmosis</i>	Building 5
1.50 – 2.15	PM		Ya-Feng Zhou - UQ; <i>Use of water treatment sludge as a heavy metal absorbent</i>	Building 5
2.15 – 2.40	PM		Christopher Yardley - ANU; <i>A study of the use of electronic road signs during 2008 in the Australian Capital Territory. "Are road users seeing the message and is it changing their behaviours of water use?"</i>	Building 5
2.40 – 3.05	PM		Sandra Weller - UoBallarat; <i>Water quality from water fleas: an example from a Central Victorian River</i>	Building 5
3.05 – 3.30	PM		<i>Conference Close/Formation of ERE 2011 Committee</i>	<i>Building 5</i>