

Saturday 21st November 2009 - Session 1 - TICHR Seminar Room

07:30 - 08:30	Registration and Refreshments		
	Water – remediation and recycling		
	Session Chairs - Dr. Robert Arnold and Dr. Jane Heyworth		
08:30 - 09:00	Water conservation and recycling in Queensland <i>Professor Phil Weinstein</i>		
09:00 - 09:15	RN68 Fluoride removal from drinking water in rural areas of China <i>Prof. Bo Ling</i>		
09:15 - 09:30	RN11 Okra leaves as an economical orbent for the removal of nickel, copper, lead and cadmium from drinking/waste water <i>Saima Q. Memon</i>		
09:30 - 09:45	RN25 Fluoride in drinking water: Environmental hazards and control measures <i>V. Murugesan</i>		
09:45 - 10:00	RN30 Recovery of quality water for reuse from domestic and industrial wastewater - recent realitis in water recovery and reuse <i>S. Rajamani</i>		
10:10 - 10:30	Augmenting Perth's water supplies with recycled water <i>Claminia Rodriguez</i>		
10:30	Morning tea		
11:00 - 11:30	Is drinking untreated rainwater a risk to health? <i>Jane Heyworth</i>		
11:30 - 11:45	RN44 Geochemical factors controlling the occurrence of high fluoride groundwater in the Thar Desert, Pakistan <i>Tahir Rafique</i>		
11:45 - 12:00	RN76 Waste water utilisation through recycling, reuse and remediation for sustainable agriculture <i>R. Raman</i>		
12:00 - 12:30	Red Tide Poisoning: the Philippine Experience <i>Ima Makalinao</i>		
12:30	Lunch		
		Hazardous Waste Remediation	
		Session Chairs - Dr. Mahmood Khwaja and Dr. Rajendra Prasad	
13:30 - 14:00		RN122 Environmental Pollution due to hazardous chemicals (POPs) releases from waste incinerators in Pakistan <i>Dr. Mahmood Khwaja</i>	
14:00 - 14:15		RN119 Evaluation of activated carbon amendment for reclamation of a DDT-contaminated site in Pakistan <i>Asma Younas</i>	
14:15 - 14:30		RN102 The involvement of stakeholders in the improvement of healthcare waste management in Indonesia <i>Sri Irianti</i>	
14:30 - 14:45		RN28 Reducing environmental exposures by teaching and practicing the management of pollutants <i>Margaret-Ann Armour</i>	
14:45 - 15:00		RN39 Review of soil remediation technologies through patent analysis <i>Rajendra Prasad</i>	
15:00 - 15:15		RN42 Defining options for post closure land use of the Tamala landfill: A community participation process, WA <i>Marie Lourdes Raphael</i>	
15:15		Afternoon tea	
		Hazardous Waste Remediation	
		Session Chairs - Dr. Mahmood Khwaja and Dr. Rajendra Prasad	
15:45 - 16:15		The role of black carbon for the fate and behavior of organic pollutants in the environment <i>Dr. Thomas D Bucheli</i>	
16:15 - 16:30		RN69 Reduction of dieldrin uptake from contaminated soil by cucumber (<i>Cucumis sativus</i> L.) using activated charcoal amendment <i>Isabel Hilber</i>	
16:30 - 16:45		RN77 Recycling of bio wastes into valuable organic fertilizer through vermicomposting technology <i>R. Raman</i>	
16:45 - 17:00		RN85 Growth and chemical composition of <i>selenastrum gracile</i> reirsch cultured in rubber and palm oil mill effuents <i>M. Ahsan B. Habib</i>	
17:00 - 17:15		RN18 Photocatalytic reduction of chromium (VI) over nano size Nd doped TiO2 under UV light illumination <i>Selvaraj Rengaraj</i>	
17:15 - 17:30		RN64 Biodegradation of pyrene and catabolic genes in contaminated soils cultivated with <i>lolium multiflorum</i> L <i>Sardar Khan</i>	
17:30		Close	

Saturday 21st November 2009 - Session 2 - Macdonald Lecture Theatre

07:30	Registration and Refreshments		
	Emerging Issues in the Pacific Basin Session Chairs - Dr. Kirpal Singh and Dr. Graeme Zosky		Air Pollution Session Chairs - Dr. Budi Haryanto and Dr. Peter Franklin
08:30 - 08:50	The role of the Australian Biosecurity Cooperative Research Centre in combating Emerging Infectious Disease threats in the Pacific Basin <i>Professor Malcolm Nairn</i>	13:30 - 14:00	Atmospheric Brown Clouds: implications on climate and health <i>Dr. Daam Settachan</i>
08:50 - 09:10	<i>Nanotechnology and Manufactured Nanoparticles – Are They important for Children's Environmental Health?</i> <i>Professor Peter Sly</i>	14:00 - 14:15	RN16 Concentration of polycyclic aromatic hydrocarbons (PAHs) in indoor and outdoor air in different seasons of rural India <i>Ajay Taneja</i>
09:10 - 09:30	Trends of environmental pollutants in the Australian population <i>Professor Jochen Mueller</i>	14:15 - 14:30	RN29 Spatially defined exposure to traffic-related air pollution and exacerbation of asthma in children <i>Gavin Pereira</i>
09:30 - 10:00	The NHANES survey of Environmental Contaminants in the US Population <i>Dr. David Carpenter</i>	14:30 - 14:45	RN123 Emission, fate and exposure risk of polycyclic aromatic hydrocarbons in China <i>Shu Tao</i>
10:00 - 10:15	RN105 Spatial analysis of environmental factors for leptospirosis outbreak during the February 2007 floods in Jakarta, Indonesia <i>MK Sudaryo</i>	14:45 - 15:00	RN58 Dissipation of household pyrethroids pesticide following application in tropical home <i>Prapat Pentamwa</i>
10:15 - 10:30	Emerging POPs in Australians - Models and Measurement <i>Professor Jochen Mueller</i>	15:00 - 15:15	RN60 Impact of transporation on indoor air quality and children's health <i>Bijaya Kumar Padhi</i>
10:30	Morning tea	15:15	Afternoon tea
	Mining- Exposures of workers and surrounding communities (Diesel and Dust) Session Chairs - Dr. Margaret-Ann Armour and Dr. César Paz-y-Miño		Persistent Organic Pollutants/PTS in the Pacific Basin Session Chairs - Prof. Irma Makaliano and Dr. David Carpenter
11:00 - 11:25	Community Exposure in a Mining town, South China <i>Dr. Zhang Xin-ying</i>	15:45 - 16:15	POPs - a poorly known challenge to future public health <i>Dr. Jenny Pronczuk</i>
11:25 - 11:40	RN37 The people of Marinduque (Philippines) 11 years after the Marcopper mining incident <i>Sharon M. Manalac</i>	16:15 - 16:30	RN92 Social, environmental, health and genetic diagnostic of the zone of influence affected by glyphosate air sprayings in the north Ecuadorian border. <i>César Paz-y-Miño</i>
11:40 - 11:55	RN84 Occupational health and safety issues in mining industry <i>Mumtaz Hussain</i>	16:30 - 16:45	RN93 Regional versus local variations of selected organochlorine pesticides and distribution of polychlorinated biphenyles in the atmosphere of coastal and inland cities in India <i>Paromita Chakraborty</i>
11:55 - 12:10	RN91 Health outcomes of Children exposed to crocidolite at Wittenoom, Western Australia <i>Alison Reid</i>	16:45 - 17:15	Mercury and human health, Artic perspectives <i>Prof. Jon Øyvind Odland</i>
12:10 - 12:30	RN117 Metal and Metalloid Contaminants in Atmospheric Aerosols from Mining Operations <i>Janae Csavina</i>		
12:30	Lunch	17:15	Close

Sunday 22nd November 2009 - Session 1 - TICHR Seminar Room

07:30 Registration and refreshments

Arsenic and Heavy Metals Session Chairs - Prof. Bo Ling and Dr. Kyoung-Woong Kim

08:30 - 09:00 Multidisciplinary Strategies for Reducing Arsenic Exposures
Dr. Bill Suk

09:00 - 09:15 RN1 Personal and Socio-economic characteristics, status of fruit and vegetable intake and health related problems of the peoples in arsenic contaminated regions of Bangladesh
Shamim Ahmed Khan

09:15 - 09:30 RN70 Alteration in pulmonary structure and function following in utero and early postnatal arsenic exposure
R. Clark Lantz

09:30 - 09:45 RN90 Strain dependence of lung responses to in utero arsenic exposure
Graeme Zosky

09:45 - 10:00 RN120 Exposures of CD, PB, AS to the inhabitants near a non-ferrous metal smelting plant in Guangxi, South China
Tang Zhenzhu

10:00 - 10:30 Arsenic Geochemistry and Human Health Issue in Southeast Asia
Dr. Kyoung-Woong Kim

10:30 Morning tea

Arsenic and Heavy Metals Session Chairs - Prof. Bo Ling and Dr. Kyoung-Woong Kim

11:00 - 11:30 Arsenic Exposure and the Potential Health Impact in the Pacific Basin Countries
Dr. Kathleen McCarty

11:30 - 12:00 Acid Sulphate Soil Disturbance and Metals in Groundwater – Implications for Human Exposure
Dr. Andrea Hinwood

12:00 - 12:15 RN116 Removing old and preventing new sources of arsenic water contamination
Wendell P. Ela

12:15 - 12:30 Summary
Professor Peter Sly

12:30 Lunch

Environmental Exposures in Indigenous Communities Session Chair - Prof. Peter Sly

13:30 - 14:00 Indigenous Health in Canada: Addressing the Inequities Through Research
Professor Malcolm King

14:00 - 14:30 Indigenous Health in Australia
Ken Wyatt

14:30 - 15:00 Indigenous Health in Mexico
Professor Fernando Diaz-Barriga

15:00 - 15:30 Indigenous Health in USA
Dr. David Carpenter

15:30 - 15:40 Conference Close
Prof. Peter Sly

15:45 Conference close

Sunday 22nd November 2009 - Session 2 Macdonald Lecture Theatre

07:30 Registration and Refreshments

Children's Environmental Health and Climate Issues
Session Chairs - Dr. Jenny Pronczuk and Ms. Tania Gavidia
08:30 - 09:00 *Jatropha curcas*: Its Potentials and Threats
*Dr. Irma Makalinao*09:00 - 09:15 RN107 National birth cohort study on children's health and environment in Japan
*Fujio Kayama*09:15 - 09:30 RN15 Impacts of climate change and local adaptation strategies of various socioeconomic groups in Isabela, Northern Philippines
*Eileen C. Bernardo*09:30 - 09:45 RN52 The impact of climate factors on the prevalence of dengue fever in Cairns and Townsville, North Queensland, Australia
*Amalya*09:45 - 10:00 RN56 The changing of *Pandanus Amaryllifolius*' effectiveness as larvacide for *Aedes Aegypti* after climate change
*Yunita*10:00 - 10:15 RN80 Impact of Climate Change on Agriculture
*R. Raman*10:15 - 10:30 RN95 Managing climate risks in the Pacific region
Melissa L. Finucane

10:30 Morning tea

Biofuels and Carbon Reduction Technology
Session Chairs - Dr. Mariano Cebrian and Dr. Peter Franklin
11:00 - 11:30 Biofuels, air quality, and human health.
*Dr Tom Beer*11:30 - 11:45 RN36 Viable development of new and renewable energy generation to control carbon emissions from power plants in India
*R. Siva Sakthi Raj*11:45 - 12:00 RN125 Development and characterization of a murine model of diesel exhaust particle exposure
*Catherine Boylen*12:00 - 12:30 Carbon Capture and Storage in Australia
David Hilditch

12:30 Lunch