

| August 10th: Training workshops | | | |
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| 0900-1100 | <p>TW1: Children's Environmental Health. In general, children receive a higher "dose" of toxicants in a given environment, are less able to neutralize toxicants and live long enough for diseases with long latency periods to manifest. This workshop will cover the principles underlying the vulnerability of children and will highlight risks in specific environments.</p> <p>0900: Why children are not little adults. <i>Leith Sly</i> 1000: Environmental impacts on neurodevelopment. <i>David Carpenter</i></p> <p>0930: Children and chemicals. <i>Marie-Noel Brune</i> 1030: Air quality and asthma. <i>Peter Sly</i></p> | | |
| 1130-1400 | <p>TW2: Integrated Environmental Health Impact Assessment. To enhance understanding of impact assessment and management based on multiple environmental exposures, it is necessary to understand the integrative impact assessment process. This workshop will discuss how environmental exposures are best assessed within an Integrated Environmental Health Impact Assessment process using "real-world" data from the Pacific Islands</p> <p><i>Paul Jagals</i>, CHEP, UQ <i>Colleen Lau</i>, CHEP, UQ</p> | | |
| 1430-1600 | <p>TW3: Water Systems. Limited progress in water/sanitation highlight the need for decentralized, robust, easily maintained treatment capabilities. The workshop will review the effectiveness and probable costs of alternative, easily reproduced water purification equipment.</p> <p><i>Robert Arnold</i>, University of Arizona <i>Wendell Ela</i>, Murdoch University, Australia</p> | | |
| 1630-1800 | <p>Opening Ceremony: Chair: Peter Sly (Australia) PBC Chair, Budi Haryanto (Indonesia) Meeting President.</p> <ul style="list-style-type: none"> • President of the University of Indonesia • Indonesian Ministry of Health • Indonesian Ministry of Environment | | |
| 1800 | Welcome Reception | | |
| August 11th: Platform presentations | | | |
| 0800-1000 | <p>Plenary Session 1: Environmental health impact of natural disasters. Chairs: Budi Haryanto (Indonesia), David Carpenter (USA)</p> <p>0800: Environmental exposures following natural disasters. <i>Anthony Knap</i>, Texas A&M, USA 0840: Changing exposures in a changing world: Models for Reducing the Burden of Disease. <i>Bill Suk</i>, NIEHS 0920: Through a Gendered Lens: Climate change adaptation and disaster risk reduction. <i>Nancy Lewis</i>, East-West Center, Honolulu.</p> | | |
| 1000 | Tea break | | |
| 1030-1100 | <p>Plenary Session 2: The Global Commission on Health and Environmental Pollution. Chairs: Jack Caravanos, Blacksmith Institute(USA), Peter Sly (Australia)</p> <p>Launch of the Global Commission on Health and Environmental Pollution. <i>Philip Landrigan (USA)</i></p> | | |
| 1100-1230 | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Symposium 1: Health and Environmental Impacts of Mining. Chair: Fernando Diaz-Barriga (Mexico), Antonio Pascale (Uruguay)</p> <p>1100: Community engagement to improve health outcomes from artisanal mining. <i>Fernando Diaz-Barriga</i>, Mexico 1130: Integrated Environmental Health Impact Assessment for mining in small economies. <i>Paul Jagals</i>, UQ, Australia 1200: Hydraulic hydrofracturing for natural gas: impacts on health and environment. <i>David Carpenter</i>, University at Albany, USA</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Symposium 2: Sustainable Remediation. Chairs: Robert Arnold (USA), Rengaraj Selvaraj (Oman)</p> <p>1100: Bioremediation: connecting science and industry. <i>Jeff Crosby</i>, Picoyne P/L. 1115: Removal of PPCPs using AOP process. <i>Jiangyong Hu</i>, National Uni Singapore 1130: Desalination practice and future water production in Australia. <i>Wendell Ela</i>, Murdoch University 1145: Removal of arsenic and mercury from potable water using magnetic nanocomposites. <i>V. Murugesan</i>, B.S. Abdur Rahman University, India 1200: Removing oil droplets from oily water prior to disposal. <i>Emad Alhomadhi</i>, King Saud University, Saudi Arabia. 1215: Nanotechnology: A clean and sustainable technology for the degradation of Pharmaceuticals present in water and wastewater. <i>Rengaraj Selvaraj</i>, Sultanate of Oman.</p> </td> </tr> </table> | <p>Symposium 1: Health and Environmental Impacts of Mining. Chair: Fernando Diaz-Barriga (Mexico), Antonio Pascale (Uruguay)</p> <p>1100: Community engagement to improve health outcomes from artisanal mining. <i>Fernando Diaz-Barriga</i>, Mexico 1130: Integrated Environmental Health Impact Assessment for mining in small economies. <i>Paul Jagals</i>, UQ, Australia 1200: Hydraulic hydrofracturing for natural gas: impacts on health and environment. <i>David Carpenter</i>, University at Albany, USA</p> | <p>Symposium 2: Sustainable Remediation. Chairs: Robert Arnold (USA), Rengaraj Selvaraj (Oman)</p> <p>1100: Bioremediation: connecting science and industry. <i>Jeff Crosby</i>, Picoyne P/L. 1115: Removal of PPCPs using AOP process. <i>Jiangyong Hu</i>, National Uni Singapore 1130: Desalination practice and future water production in Australia. <i>Wendell Ela</i>, Murdoch University 1145: Removal of arsenic and mercury from potable water using magnetic nanocomposites. <i>V. Murugesan</i>, B.S. Abdur Rahman University, India 1200: Removing oil droplets from oily water prior to disposal. <i>Emad Alhomadhi</i>, King Saud University, Saudi Arabia. 1215: Nanotechnology: A clean and sustainable technology for the degradation of Pharmaceuticals present in water and wastewater. <i>Rengaraj Selvaraj</i>, Sultanate of Oman.</p> |
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| August 12th: Platform presentations | | | |
| 0800-1000 | <p>Plenary Session 3: An EcoSystem Approach to Environmental Health in Indonesia. Chairs: Indah Salami (Indonesia), Bill Suk (USA)</p> <p>0800: Pacific connections for health, ecosystems and society: New approaches to the land-water-health nexus. <i>Margot Parkes</i>, University of Northern British Columbia, Canada. 0830: Emerging and re-emerging infectious diseases in the Pacific Basin. <i>Archie Clements</i>, Australian National University, Australia. 0900: Environmental degradation: balancing palm oil development with pit land water reduction and forest degradation. <i>Bambang Hero Saharjo</i>, Bogor Institute of Agriculture, Indonesia.</p> | | |

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| 1000 | Tea break | | |
| 1030-1230 | Major symposium 3: Water use, reuse and remediation. Chairs: Robert Arnold (USA) 1030: Water security in Indonesia. Imam Santoso Ernawi , Ministry of Public Works, Indonesia 1100: Community-Based Efforts in Child Health in Indigenous Villages on the Thailand-Myanmar Border, Ann Suk , USA 1130: Solar-driven membrane distillation demonstration project in Leupp, Arizona, Vishnu Arvind Ravisankar , USA 1200: Removal of fluoride ion using refractory waste material. Tahir Rafique , University of Sindh, Pakistan | | |
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| 1530 | Tea break | | |
| 1600 | Poster viewing and discussion: <ul style="list-style-type: none"> • Flu-A: a Vitamin D preventable infection, Narendra Gemawat. India • Hazardous waste: impact and trans-boundary movement, Shahriar Hossain. Bangladesh • Environmental justice in Pakistan: a case study. Engineer Hussain. Pakistan • Natural disasters in Pakistan: current scenario and future perspective, Engineer Hussain Pakistan • Swamp turned death trap due to toxic effluents from a sugar distillery in Ramak, DIKhan, Pakistan, Muhammad Bashir Khan. Pakistan • Indian perspective of e-Waste, V. Murugesan, India • Fine particulate matter and its elemental bioavailability in the indoor microenvironment, Ajay Taneja, India • Bio-methanation and bio-energy generation from liquid and solid waste – control of greenhouse gas emission and climate change, S. Rajamani, India • Surface ozone scenario at world heritage city – Agara (India), Renuka Saini, India • Exposure to chemical mixtures in Mexican Indigenous children. Evelyn Van-Brussel, Mexico • The relation of cigarette exposure and glutathione-S-transferase polymorphisms to colorectal cancer risk. Hoirun Nisa, Indonesia • Contamination by polychlorinated biphenyls and brominated flame retardants in the environment and humans from industrialized area of Surabaya, Indonesia. Muhammad Ilyas, Indonesia • Organic agriculture and increasing pollution. Dr.K.Kanagasabapathi, India. • Carbonization of waste ketapang leaves for biosorption organic matter and pH in the river contaminated. M. Machfudz Sa’idi, Indonesia. • Environmental health risk analysis (EHRA) accumulation of heavy metal concentration (Hg, Cd, Zn and Mn) in the productive plants cultivated by tailing in low land area Pt. Freeport Indonesia Papua in 2013. Nasrudin, Indonesia. • Does the water source and the quality of latrine have an effects to under five children’s diarrhea incidence in the coastal area of the city of Manado? Oksfriani Jufri Sumampouw, Indonesia. • Association between blood lead levels and basophilic stippling on elementary school students in Cinangka village Sub Ciampea Bogor district 2014. Nissa Noor Annashr, Indonesia. • Evaluation of Governance policy on lindane use for treatment of head lice and scabies. Penulis Reni, Indonesia. • Human exposure to persistent organic pollutants (POPs) in Indonesia: level, exposure pathways and daily intake. Agus Sudaryanto, Indonesia • Governance of Water Security to Achieve Environmental Health in the Upper Watershed. Agus Brotosusilo, Indonesia • Traditional Islamic Boarding School as agent of Environmental Health. Herdis Herdiansyah Indonesia • Biodiversity of Mosquito Larvae in the Various Water Reservoir Types. Tien Zubaidah, Surabaya • Climate Conditions as Early Warning System Leptospirosis Cases in endemic areas Gresik District East Java, Indonesia. Ririh Yudhastuti, Indonesia • Preliminary Study on e-Waste Recycle Process Effects on Childrens Health in West Java Indonesia, Indah Salami, Institut Teknologi Bandung | | |
| 1700-1815 | Student presentation session: 1700: Samuel Byrne : Exposure to PBDES and PFCS among Alaskan natives St. Lawrence Island. 1715: Kwan Soo Chen : Health Co-Benefits in Mortality Avoidance from the Implementation of Mass Rapid Transit (MRT) System in Kuala Lumpur, Malaysia, 1730: Dieudonné Nanfa : Environmental and health impact associated with the dissemination of persistent organic pollutants (POPs) in Yaoundé. 1745: Zuly Prima Rizky : PM2.5 personal exposure evaluation of mechanics in Pusat Pengujian Kendaraan Beromotor (PKB) unit Pulo Gandung, DKI Jakarta 1800: Xu Li : Laboratory Generation of Size Fractionated Dust from Iron King Mine Tailings. | | |
| August 13th: Platform presentations | | | |
| 0830-1030 | Plenary Session 4: Environmental justice and human rights. Chairs: Todd Maiden (USA), Margaret-Ann Armour (Canada) 0830: Creating Just and Healthy Bioregions. Keith Pezzoli , UCSD, USA 0900: Resilience in children: the Asia-Pacific Resilience Project: Min Jeong Park , Griffith University, Australia 0930: Diabetes in Native Americans: role of PCB exposure. David Carpenter , University at Albany, USA 1000: Vapour intrusion: an underestimated contaminate of indoor air. Todd Maiden , Reed Smith, USA | | |
| 1030 | Tea break | | |
| 1100-1230 | Major symposium 4: WHO Programs in the Pacific Basin. Chairs: Peter Sly (Australia). 1100: Environmental Health capacity building in the South Pacific – Strengthening Environmental; Health delivery services Paul Jagals , UQ 1130: Water safety planning: the priority in adapting to climate change. Alex Hilderbrand , WHO WPRO, Philippines 1200: Lymphatic filariasis elimination programs in the Pacific Islands. Colleen Lau , WHOCC for Children’s Health and Environment, Australia | | |
| 1230-1240 | Closing Ceremony: Peter Sly PBC Chair | | |
| 1240 | Networking lunch & poster viewing | | |
| 1300 | • Field trip—site TBD | | |

August 14th: eWaste workshop

A workshop on eWaste will be held on August 14th as a satellite meeting that is not an official part of the PBC meeting. Participation is limited. Those interested in attending should contact Michelle Heacock directly at HeacockM@niehs.nih.gov.