GLOBAL CHANGE INSTITUTE
UQ Water Forum Program
Innovative water solutions for a sustainable future

MONDAY, 4 JULY

8.30 am
Prof. Stephen Walker, Executive Dean, UQ Faculty of Science

8.50 am
Federal election result: Implications for water – special panel
Speakers
• Dr Sandra Hall – Aust Water Association, Qld
• Adjunct Prof. Leith Bouly – CRC for Water Sensitive Cities and SunWater
• Mark Pascoe – UQ International WaterCentre
• Prof. Karen Hussey – UQ Global Change Institute

10.00 am
Theme 1: Can we enhance productive economies through improved water management?
1A: End user research needs
Speakers
• Ian Johnson – Qld Farmers Federation
• Paul Birch – Fitzroy Basin Association
• Prof. Neil McIntyre – UQ Sustainable Minerals Institute
• Prof. Robert Henry – Qld Alliance for Agriculture & Food Innovation (QAAFI)

11.10 – MORNING TEA

11.30 am
1B: UQ lightning research presentations
Speakers
• A/Prof. Daniel Rodriguez (UQ Qld Alliance for Agriculture & Food Innovation) – Water Smart Farming Systems.
• Prof. Susanne Schmidt (UQ School of Agriculture and Food Sciences) – NextGen fertilizers for nutrient stewardship.
• Dr Glen Fox (UQ Qld Alliance for Agriculture & Food Innovation) – Using commercial and Australian native rice species in north Queensland: the correct species for the correct environment.
• Dr Marguerite Renouf (UQ School of Chemical Engineering) – A ‘metabolism’ perspective on urban water servicing options.
• Prof. Jim Underschultz (UQ Sustainable Minerals Institute) – Hydrogeology, Fault Valving and Fluid Flux.
• Dr Alex Lechner (UQ Sustainable Minerals Institute) – Planning in mining regions – assessment of potential mining impacts on water and biodiversity.
• Julius Kotir (UQ School of Geography, Planning and Environmental Management) – More land or water? A simulation model in the Volta River Basin, West Africa.
• Dr Sue Vink (UQ Sustainable Minerals Institute) – New insights into groundwater flow in the Great Artesian Basin.

3.10 – BREAK

3.15 pm
2B: UQ lightning research presentations
Speakers
• A/Prof. Kelly Fielding (UQ School of Communication & Arts) – Stormwater is fine but I’m not comfortable with recycled water.
• A/Prof. Yongping Wei (UQ School of Geography, Planning & Environmental Management) – Evolution of societal value on water resources in Australia.
• Dr Kathy Witt (UQ Sustainable Minerals Institute) – Understanding how people value rural waterways.
• Dr Angela Dean (UQ School of Geography, Planning & Environmental Management) – Engaging communities in waterway protection through effective communication.
• Dr Natalie Jones (UQ School of Agriculture and Food Sciences) – Waterway values of Moreton Bay and lower catchments.
• Dr Tyrone Ridgeway (UQ Global Change Institute) – Improving water quality will not be enough to save the Great Barrier Reef.
• Anthony Kung (UQ International WaterCentre) – Creating environmental report cards: using the production process to capture knowledge and build stakeholder relationships.
• Prof. Helen Ross (UQ School of Agriculture and Food Sciences) – Managing south-east Queensland’s waterways: a focus on values.

4.45 – CLOSE

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TUESDAY, 5 JULY

9.00 am
Theme 3: Can we transform Queensland ahead of the next shock to ensure resilience in energy, water and land resources?

3A: End user research needs
Speakers
- Lavanya Susarla – Qld Urban Utilities
- Paul Heaton – Gold Coast Water
- Prof. Jürg Keller – UQ Advanced Water Management Centre
- A/Prof. Eva Abal – UQ Global Change Institute

10.25 – MORNING TEA

10.45 am
3B: UQ Lightning research presentations
Speakers
- A/Prof. Kristen Lyons (UQ School of Social Science) – Privatised development and resource impacts: A case study of industrial plantation forestry in East Africa and its failings for water, land and people.
- Adjunct A/Prof. Jozef Syktus (UQ Global Change Institute) & Prof. Clive McAlpine (UQ GPEM) – Impact of large-scale reforestation on temperature and rainfall in Aust.
- Dr Katrin Doederer (UQ Advanced Water Management Centre) – Is biofiltration for drinking water treatment the new/old silver bullet?
- Dr Marie-Laure Pype (UQ Advanced Water Management Centre) – WaterVal: development of national guidelines to monitor reverse osmosis membrane.
- A/Prof. Antony Moulis & Dr Paola Leardini (UQ School of Architecture) – Flood resilience in high density urban spaces.
- Adjunct Prof. Bill Capati (UQ Advanced Water Management Centre) – Managing odour and corrosion at Elanora sewerage catchment.
- Dr David Adamson (UQ School of Economics) – Economic instruments for water reform in Australia and Europe.

12.15 – LUNCH
Theme 4: How can water initiatives contribute to the UN Sustainable Development Goals?

1.15 pm
4A: UQ lightning research presentations
Speakers
- A/Prof Simon Reid (UQ School of Public Health) – Are changes in land use driving the epidemiology of water-associated diseases in Fiji?
- Dr Dani Barrington (UQ School of Public Health) – Can participatory action research be used to foster community and local stakeholder actions to improve water, sanitation and hygiene in informal settlements?
- Dr Shabbir Ahmad (UQ Business School) – Urban water pricing to promote equity, efficiency and sustainability: Evidence from a south Asian industrial city.
- Declan Hearne (UQ International WaterCentre) – Supporting evidence-based WaSH in Schools: participatory monitoring, analysing and planning.
- Dr Luis Yerman Martinez (UQ School of Civil Engineering) – Reinventing the toilet challenge.
- Dr Grace Muriuki (UQ Global Change Institute) – Traditional bedfellows, new beds? Integrating water and food in Australian cities’ traction towards SDGs – a primer.

2.45 – AFTERNOON TEA

2.50 pm
4B: Launch of UQ Discussion Paper
The UN Sustainable Development Goals for Water, Sanitation and Hygiene: How Should Australia Respond Within and Beyond its Borders?
Speakers
- Dr Nina Hall – UQ Global Change Institute
- Dr Paul Jagals – UQ School of Public Health
- Prof. Saleem Ali – UQ Sustainable Minerals Institute
- A/Prof. Jon Willis – UQ Poche Centre for Indigenous Health

4.00 – CLOSE

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