



CONFERENCE PROGRAM

WEDNESDAY 8 FEBRUARY - DAY ONE

8:00am	Registration and Trade Exhibition Open	
SESSION 1: Opening Day One		PLENARY
9:00am	Official Conference Open Welcome to Country <i>AWA Welcome – Corinne Cheeseman, CEO, AWA</i> <i>ANZBP Welcome – Kelly Hopewell, ANZBP Chair</i>	
9:15am	Keynote Speaker: <i>The Role of Biosolids in Environmental Stewardship</i> Dr Sally Brown, Research Associate Professor, School of Forest Resources, University of Washington, USA <i>Appears courtesy of Sydney Water</i>	
10:15am	ANZBP's Community Attitudes Survey Outcomes <i>Presented by Lauren Randall</i>	
10:35-11:15am Morning Tea		FOYER
11:15am	SESSION 2: Product Development & Technological Innovation WATTLE-THOMAS ROOM	SESSION 3: Circular Economy BROADWAY-JONES ROOM
11:15am	WHY HAVE SOME DIGESTERS BEEN OPERATED SUCCESSFULLY WITHOUT MIXING? <i>Coenraad Pretorius, GHD</i>	E20 YEARS OF BIOBOOST (R) - A NEW ZEALAND STORY OF BENEFICIAL BIOSOLIDS REUSE <i>Jessica Daly, Beca Ltd.</i>
11:35am	IMPORTANCE OF DIGESTER FOAMING CONTROL IN MOVING TOWARDS ENERGY NEUTRALITY <i>Amy McDonald, Jacobs</i> <i>Josef Cesca, Jacobs</i>	TUAS WRP - A RESOURCE RECOVERY FACTORY <i>Gokul Bharambe, Jacobs</i>
11:55am	TRIPLING THE CAPACITY OF AEROBIC SLUDGE DIGESTERS USING MBBR CONFIGURATIONS <i>Zhiyao Wang, University of Queensland</i>	LIFE CYCLE ASSESSMENT OF COMMERCIAL STRUVITE RECOVERY PLANTS FOR NUTRIENT RECOVERY FROM WASTEWATER <i>Saaede Soltani, Murdoch University</i>
12:15-1:15pm - Lunch		FOYER
1:15pm	PANEL DISCUSSION – RISK AND RESILIENCE IN AN UNCERTAIN FUTURE Sponsored by GHD <i>Moderator: Chris Hertle, GHD</i> Panellists: <i>Rob Tinholt, Watercare NZ</i> <i>Rick Lancaster, Atikins UK</i> <i>Garry Smith, SA Water</i> <i>Johanna Johnson, Logan Water</i>	
2:25pm	PANEL DISCUSSION - RISK MANAGEMENT AND REGULATION <i>Moderator: Kelly Hopewell, Chair ANZBP</i> <i>Karen Marler, NSW EPA</i> <i>Melissa Bell, NSW EPA</i> <i>Shaun Thomas, SA EPA</i> <i>Janina Beyer, NSW Dept. Planning and Environment</i>	
3.25pm-3.55pm - Afternoon Tea		FOYER
3:55pm	SESSION 4: Infrastructure Innovation WATTLE-THOMAS ROOM	SESSION 5: Circular Economy BROADWAY-JONES ROOM

3:55pm	ST MARYS WRP BIOSOLIDS HUB FOR A SUSTAINABLE COMMUNITY <i>Angus Wilkie, Aurecon</i>	BIOCHAR IN THE CIRCULAR ECONOMY – HOW LOGAN WATER HAS CREATED A MARKET FOR HUMAN WASTE <i>Johanna Johnson, Logan Water</i>
4:15pm	NORTH AMERICAN CASE STUDIES OF SMALLER-SCALE THERMAL HYDROLYSIS <i>Bill Barber, Cambi Inc.</i>	TOWARDS THE PRODUCTION OF LEAST CONTAMINANT GRADE BIOSOLIDS AND BIOCHAR VIA MILD ACID PRE-TREATMENT <i>Ibrahim Hakeem, RMIT University</i>
4:35pm	WHERE SHOULD MY THP GO? DRIVERS AND SOLUTIONS TO IMPLEMENTING THERMAL HYDROLYSIS AT WOODMAN POINT <i>Lydia Wong, Jacobs</i> (Poster Presentation)	FINGER POINT WWTP SLUDGE MANAGEMENT - INCIDENT TO SUCCESS <i>Charndeeep Chahal, SA Water</i> (Poster Presentation)
5:30pm-8:30pm Dinner & Drinks – Hosted Onsite at Aerial, Eastern Terrace		

THURSDAY 9 FEBRUARY – DAY TWO

8:00am	Registration and Trade Exhibition Open	
SESSION 6: Opening Day Two		PLENARY
9:00am	Welcome to Day Two Welcome & Recap of Day One <i>Hilary Hall, RMCG</i>	
9:05am	Keynote Speaker: A Global Perspective of Sustainable Bioresources Strategies – A Paradigm Shift in the Sector Rick Lancaster, Atkins UK	
10:05am	Biosolids Land Application Carbon Impacts Study <i>Andrew Mcleod, Jacobs (Virtual Presentation)</i> Introduced by Matt Wood, Sydney Water	
10:30-11:00am Morning Tea		FOYER
11:00am	SESSION 7: Product Development & Technological Innovation Sponsored by Arup <small>WATTLE-THOMAS ROOM</small>	SESSION 8: Circular Economy <small>BROADWAY-JONES ROOM</small>
11:00am	ENHANCING ANAEROBIC DIGESTION WITH THE MICROBIAL HYDROLYSIS PROCESS <i>David Parry, Jacobs</i>	BIOSOLIDS FACILITIES PLANNING – USING ASSET MANAGEMENT AND ADAPTIVE PATHWAYS PLANNING FOR MILWAUKEE MSD <i>Gage Muckleroy, GHD</i>
11:20am	A NEW SPIN ON AN OLD APPROACH – HYBRID DIGESTION CONFIGURATION AT REDCLIFFE STP <i>Cameron Staib, Stantec</i> <i>Rebecca Randall, Trility</i>	BIOSOLIDS IN THE CIRCULAR ECONOMY – AN ADAPTIVE PLANNING APPROACH <i>Lauren Randall, Hunter Water</i> <i>David Solley, GHD</i>
11:40am	Poster Presentation: RECONSTRUCTING VELOCITY PROFILE TO PREDICT FORMATION OF SHEARED AND UNSHEARED REGIONS: IMPACT ON ANAEROBIC DIGESTERS <i>Flora Markis, Arup</i>	
11:45am	SESSION 9: Resource Recovery <small>WATTLE-THOMAS ROOM</small>	SESSION 10: Circular Economy <small>BROADWAY-JONES ROOM</small>
11:45am	MANAGING BIOSOLIDS IN A CIRCULAR ECONOMY FUTURE: CONNECTING PEOPLE, DATA AND PROCESSES <i>Cillian O’Neill, Klir</i> <i>Peter Donaghy, Urban Utilities</i>	BIOSOLIDS TO ACCELERATE THE ESTABLISHMENT OF NZ NATIVE VEGETATION <i>Claudia Garces-Hernandez, University of Canterbury</i>
12:05pm	ENHANCED IN-DIGESTER STRUVITE PHOSPHORUS RECOVERY – PUTTING THE ‘E’ IN CIRCULAR ECONOMY <i>David Solley, GHD</i>	SCREENING-LEVEL WASTE LIFE CYCLE ASSESSMENT FOR THE IDENTIFICATION OF ENVIRONMENTAL HOTSPOTS IN BIOSOLIDS PROCESSING <i>Jingwen Luo, UNSW</i>

12:25pm	Poster Presentation: PROCESS MODELLING OF SULPHUR CHEMISTRY TO UNDERSTAND AND OPTIMISE A FULL-SCALE MICRO AERATION PROCESS <i>Josef Cesca, Jacobs</i>	Poster Presentation: HYDROTHERMAL TREATMENT OF SLUDGE FOR DEWATERABILITY IMPROVEMENT AND VALUE-ADDING APPLICATIONS <i>Majid Ebrahimi, Queensland University of Technology</i>
12:30pm-1:30pm- Lunch		FOYER
1:30pm	SESSION 11: Product Development & Technological Innovation WATTLE-THOMAS ROOM	SESSION 12: Engagement & Education BROADWAY-JONES ROOM
1:30pm	IT'S NOT ALL ABOUT TECHNOLOGY - AN INCREMENTAL JOURNEY OBTAINING ORGANISATIONAL SUPPORT FOR BIOSOLIDS MANAGEMENT INNOVATION <i>Kelly Hopewell, City of Gold Coast</i> <i>Elena Mejia Likosova, Stantec</i>	PUBLIC ACCEPTANCE IN A TIME OF CHANGE <i>Patrick Bonney, RMIT University</i>
1:50pm	BIOSOLIDS TREATMENT SELECTION: INNOVATION IN A REGIONAL TOWN <i>Christine Grundy, Coliban Water</i>	LONG-TERM REVIEW OF PRACTICED PUBLIC ACCEPTANCE FOR LAND APPLICATION IN COLORADO <i>Mike Scharp, Denali</i>
2:10pm-2:40m - Afternoon Tea		FOYER
2:40pm	PANEL DISCUSSION: BIOSOLIDS BENEFICIAL USE IN PRACTICE Sponsored by SA Water <i>Moderator: Hilary Hall, RMCG</i> <i>Panellists:</i> <i>Michael Payten, Canowindra Mixed Farm</i> <i>Roger Crisp, Better Grow</i> <i>Jason White, Australian Native Landscapes</i> <i>Patrick Soars, Australian Native Landscapes</i> <i>Lisa Rawlinson, Loop Organics</i> <i>Dan Nicholson, Top Soil Organics</i>	
3:55pm	Conference Closing Comments <i>Kelly Hopewell, ANZBP Chair</i>	PLENARY
4:00pm	Conference Concludes	

Program correct at 01.02.23

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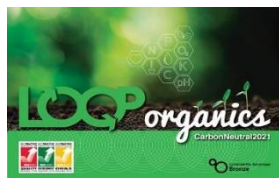
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