

PROGRAM

 Plenary	 LIT	 Pitch
 Networking	 Session	 Co-lab

TUESDAY 28TH OF SEPTEMBER 2021

9:00 - 10:30	Opening Ceremony Chair: Prof Paul Greenfield, Chair IRF 1. Welcome to Country 2. Michael Wilson , Chief Executive, Australian Water Partnership, Australian Government 3. Hon Glenn Butcher MP , Minister for Regional Development and Manufacturing and Minister for Water, Queensland Government 4. Lord Mayor Adrian Schrinner , Brisbane City Council 5. Peter Varghese , Chancellor, University of Queensland 6. Launch of 1000+ Resilient Rivers and Recognition of the Brisbane River as inaugural member into the 1000+ RR Collective. Keynote Prof Hugh Possingham , Queensland Chief Scientist		
10:30 - 11:00	Morning Tea		
Room	Brisbane	Mekong	Mississippi
	Understanding River Systems	Understanding River Systems	LIT: Putting Report Cards to Work
	Facilitator: TBA	Facilitator: TBA	Chair: TBA
11:00	Data Dashboards to Support our Understanding and Management of Waterways Shannon Moody	Stakeholder Engagement for Process of Coastal Ocean Assessment for Sustainability and Transformation (COAST Card) Keita Furukawa	Sponsored by: James River Association & University of Maryland Center for Environmental Science River Report Cards are widely used to track ecosystem health and distill complex system interactions into understandable progress reports. However, the ultimate goal of river report cards is to spur action for improved river health and overall grades. In this session, Bill Street and Bill Dennison will facilitate an interactive workshop to share examples of groups that have utilized their report cards to catalyze meaningful action. Additionally, group discussion will help generate a broad range of opportunities for utilizing report cards into action and key steps to implement them. The discussion will be structured following a model of individual engagement - Awareness, Appreciation, Action and Advocacy – which the James River Association has utilized to organize its programs and organizational goals. Specific experience with report cards will be shared from the Chesapeake Bay and Coral Reefs in the USA and from Queensland, Australia. Groups and agencies working on other waterbodies are encouraged to participate.
11:15	A Looming Environmental Disaster: Sediment, Brisbane River and Moreton Bay Michael Linde	Collective Wisdom: Lessons and Insights from Nine Environmental Flow Practitioners Amy McCoy	
11:30	Water Stewardship at a Local Level - Citizen Science in Action Leigh Stitz	Potential of Managed Aquifer Recharge in an Irrigated River Basin - A Case Study from Punjab Pakistan Ghulam Zakir-Hassan	
11:45	A Strategic and Outcomes-based Approach to Managing Catchments for Reef Health Robert Speed	Awareness of the River Resilience Journey in Sri Lanka Medhisha Pasan Gunawardena	
12:00	Ecological values of Kinypanial Creek and Lake Lyndger Davide Di Mauro	Applying Human Rights-Based Approach Framework in Water Research Program: Case Study of Lower Mekong Countries Phan Thanh	
12:15	End of the Pipe Environmental Management at the Mouth of a River Craig Wilson	Application of HEC-HMS for Flow Modelling in Gin River Catchment Sri Lanka Medhisha Pasan Gunawardena	
12:30 - 13:30	Lunch		
	Lunchtime Film: The River Moorabal		
	LIT: The journey to Resilience - Brisbane River	Understanding River Systems	Effective River Governance
	Chair: Eva Abal	Facilitator: TBA	Facilitator: TBA
13:30	Sponsored by: Brisbane City Council Brisbane River has become the first member of the 1000+ Resilient Rivers Collective. Explore the results of their self assessment surveys and what the resilience strategy looks like moving forward.	Climate Change and Environmental Flow Management Barriers to Incorporation Meegan Judd	Mind the Gap! What About Municipal Actors in River Governance? Wikke Novalia
13:45		The Warragamba Dam and the Western Sydney Floodplain - Dammed if you do, Damned if you don't. Again Joel Dalberger	Lessons from Drought on Managing Floods: The Development of Floodplain Harvesting Law in NSW Christine Freak
14:00		Small is Beautiful: Alternatives to Massif Project on River Interlinking Exist Seema Ravandale	Social Licence to Operate From a Water Authority Perspective Annelise Herman

14:15		Estimation of Sediment Delivery Ratio from Nillambe Watershed in Upper Mahaweli Catchment, Sri Lanka Medhisha Pasan Gunawardena	Advancing Indigenous Rights: Learning from Recent Australian Experience to Support Sustainable Water Governance in Indonesia Katie O'Bryan
14:30-15:00	Afternoon Tea		
	River Co-Lab: Catchment Action Plans - The Lessons	No Session	No session
	Chair: TBA		
14:30	Sponsored by: Council of Mayors Hear from Councils from around SE Queensland and the work they have been doing that has unfolded from their Catchment Action Plans. There are many lessons learned in regard to stakeholder engagement, innovative funding and project management.		
14:45			
15:00			
15:15			
15:45 - 16:45	Keynote Siwan Lovett , Director, Australian River Restoration Centre		
17:15-19:00	Welcome Function Tickets: included in registration Location: Art Gallery - University of Queensland		

WEDNESDAY 29TH OF SEPTEMBER 2021

9:00 - 10:15	Welcome and Summary of Tuesday Chair: TBA, IRF Dr Eva Abal, CEO IRF Keynote TBA		
10:15 - 10:45	Morning Tea		
	Brisbane	Mekong	Mississippi
	River Co-Lab: Natural Solutions	Understanding River Systems	Effective River Governance
	Chair: TBA	Facilitator: TBA	Facilitator: TBA
10:45	Sponsored by: Urban Utilities Offsite Stormwater Solutions - Saving Money and the Environment	Developing a Socio-Environmental Vision for Waterways Bill Dennison	Puny Pixels of Periphyton: Near-Surface UAS Remote Sensing to Assess Periphyton Dynamics in Small Streams Christopher DeRolph
11:00		Time Heals: A Pathway to Ease Community Angst Over Water Reform Claire Miller	OUR Waters: Stewards Together Elaine Ho
11:15		Tracking Global Dams is Dynamic, Cutting Edge, and a Total Pain in the Neck Penny Beames	Breaking Down Barriers: Best Practices for Stronger Global Partnerships and Stakeholder Engagement Kelly Dobroski
11:30		Groundwater and Livelihood - A Case Study From Indus River Basin in Pakistan Ghulam Zakir-Hassan	Co-developing an Environmental Justice Index for Resiliency, Sustainability and Adaptive Environmental Governance Vanessa Vargas-Nguyen
11:45		Collective Wisdom: Lessons and Insights from Nine Environmental Flow Practitioners Amy McCoy	River Addressing System: An innovative approach to address Rivers & communities Shrikant Mukate
12:00 - 13:00	Lunch		
	Lunchtime Film: TBA		

	River Co-Lab: A “Green and Gold” revolution for South East Queensland	Effective River Governance	RiverPitch: Monash University
	Chair: TBA	Facilitator: TBA	Chair: TBA
13:00	Sponsored by: Healthy Land and Water Healthy Land and Water has tracked the health of waterways and ecosystems of South East Queensland Australia for over 20 years. The evidence tells us that despite considerable efforts the trajectory of many of our natural assets are in decline. As the Olympics head to Brisbane and South East Queensland in 2032, ambitious sustainability objectives have been set that have the potential to transform the region, including an overall climate positive target*. In this workshop, we will explore the state-of-the-art in regional monitoring, and collaborative and engaging approaches to natural resource management planning working with traditional owners, the broader community, scientists and policymakers. In a creative session, participants will be invited to imagine and draw a range of potential futures for South East Queensland. As we move toward 2032, can South East Queensland harness the Olympic dream and transform the region with a “green and gold” revolution? Don’t miss an opportunity to be part of shaping the future of SEQ!	Cultural Water for Cultural Economies Erin O’Donnell	
13:15		Feral Horses (Equus Caballus) Increase Suspended Sediments and Impact Ecosystem Condition of Sub-alpine Streams of Kosciuszko National Park, Australia Peter Scanes	
13:30		Our Rivers are Changing, so Should We: Key Insights from Independent Reviews of NSW Water Sharing Plans Emma Collins	
13:45		Data Exchange in Transboundary Basins Should we Identify and Respond to Local Needs Before Applying Global Prescripts? Patience Mukuyu	
14:00 - 14:30	Afternoon Tea		
14:30 - 15:30	Keynote Paul Satur , Lecturer for Water Sensitive Cities, Monash Sustainable Development Institute & Co-founder of Our Future Cities		
16:00- 18:00	Diversity in Water Sponsored by: Australian Water Partnership Theme: Diversity - Resilience in the time of COVID		

THURSDAY 30TH OF SEPTEMBER 2021

9:00 - 10:15	Welcome and Summary of Tuesday Chair: TBA, IRF Dr Eva Abal , CEO IRF Keynote Melissa Kennedy , CEO Tati Tati Kaiejin, Tati Tati Aboriginal Water Officer & Brendan Kennedy Director, Tati Tati Kaiejin, Aboriginal Water Officer		
10:15 - 11:00	Break		
Room	Brisbane	Mekong	Mississippi
	RiverPitch - Brisbane City Council	Finance for our Rivers	LIT: The Show Must Go On! The San Antonio River Authority’s pivot to a virtual world of education and public engagement
	Chair: TBA	Facilitator: TBA	Facilitator: TBA
11:00	Sponsored by: Brisbane City Council Improving Waterway Health: Levers, Incentives and Mechanisms	Emerging Women Water Leaders - Mahakali Basin Suman Gupta	Sponsored by: The San Antonio River Authority During the pandemic the San Antonio River Authority, a regional government organization in South Texas, transformed its volunteer engagement and education programs to fit a virtual world. This presentation will introduce viewers to the River Authority, an organization committed to safe, clean, and enjoyable creeks and rivers and will briefly discuss how it achieves its mission and vision. We will then dive into lessons learned from transforming an outdoor-based environmental education program into an engaging virtual format during the COVID-19 pandemic. We will also showcase how we developed unique ways to inspire the community into volunteerism from their own spaces while helping them connect with, care for, and safely recreate on their rivers and creeks.
11:15		Can Citizen Science Inform Science? Evaluating Results of the Bellingen Riverwatch Citizen Science Program and a Parallel Government Monitoring Program Adrian Dickson	

11:30		THE TALE OF TWO RIVERS: CHICAGO AND PASIG River: Restoration through Partnerships Haydee Jacklyn	
11:45			
12:00-13:00	Lunch		
	Film		
	Shaping River Solutions	LIT: 1000+ Resilient Rivers Collective - The What, The Why and The How	Shaping River Solutions
	Facilitators: TBA	Chair: Eva Abal	Facilitator: TBA
13:00	Refuge Gullies Support Improved Land and Stream Management in South East QLD Nathaniel Parker	IRF CEO Dr Eva Abal discusses the launch of the 1000+ Resilient Rivers Collective - an initiative to ensure the resilience and sustainable management of the world's rivers for generations to come. Find out how your local river or waterway can become 1000+ certified! Hear from some of the river basins from around the world already progressing their river on the journey to resilience.	Key Ingredients for Long-Term Viable River Restoration Mark Briggs
13:15	Water Stewardship Initiatives Changing Fitzroy Basin's Water Future Leigh Stitz		Mary River Recovery Misko Ivezich
13:30	The Australian Cotton Industry Adapting to Rivers of Change Michael Murray		Collaboration to Protect Water Quality from Wildfire in Small Municipal Watersheds in the PNW, USA Rebecca Flitcroft
13:45	Changing Dam Failure Assessment in Queensland and the Implications Daniel Niven		Learning & Innovation for River Revitalisation in Indonesia Jane Holden
14:00	Looking for a Win-win on the Burdekin: Shifting from Pioneering to Mature and Efficient Water Use John Connell		
14:15 - 14:45	Afternoon Tea Break		
	River Co-Lab: City Design, Water and Climate Change: The effects of climate change are here - perhaps earlier and with greater impacts than any of us anticipated	Shaping River Solutions	No session
	Chair: TBA	Facilitator: TBA	
14:45	Sponsored by: ARUP As Brisbane looks to become an Olympic city focused on the creation of a sustainable region, what role will our waterways play and how will the Olympics legacy shape a climate resilient future for the region? This co-lab will explore these themes, building on discussions around how the driving climate change imperative leads us to consider how we can accelerate and further coordinate efforts to create climate change resilience and sustainable cities. The 2032 Olympic Games will need to be climate positive – what a wonderful catalyst this gives us for change.	Traditional, Tree-dominant Agriculture Reverses Forest Loss in Watersheds Kamal Melvani	
15:00		International Practice - Assessing and Securing Investment to Adapt Steven Trehwella	
15:15		China's New Policies to Improve Environmental Quality in Rivers: The River Chief System Yixin Cao	
15:30		Barrier Removal Selection Methods in Rivers: A Short Review of Strengths and Weaknesses Ana Mascarenhas	
15:45			
16:00-17:00	Keynote Andreas Beackmann , Regional CEO, WWF Central and Eastern Europe & Sofia Kilifi , Sustainability and Community Manager, Coca Cola European Partners Closing Prof Paul Greenfield , Chair IRF & Dr Eva Abal , CEO IRF		
18:00 - 22:00	Thiess International Riverprize announcement & Riversymposium Gala Dinner		

FRIDAY 1ST OF OCTOBER 2021

Study tours

Our field trips will allow you to explore the fascinating projects being conducted in Sout-East Queensland. if you're attending face to face, then you will have the opportunity to attend one of the Queensland based tours. If you are a virtual delegate, then you will be able to watch the tour, live from the comfort of your own office or home no matter where you are. View tours here: <https://riversymposium.com/study-tours-2/>

Sunshine Coast Catchment Tour

Focused on the South Maroochy Catchment, this tour will demonstrate a collaborative partnership approach to source water protection and building landscape resilience for our waterways and water bodies.

Port Of Brisbane Environment Tour

Learn about the various operations and subsequent environmental management controls in place with focus on the river and subsequent ecological values in and around the port.

University Of Queensland Green Building Tour