



Environment Institute
of Australia and
New Zealand

RECOVERING FROM DISASTER

EIANZ VIRTUAL ANNUAL CONFERENCE

14 OCTOBER to 25 NOVEMBER 2020

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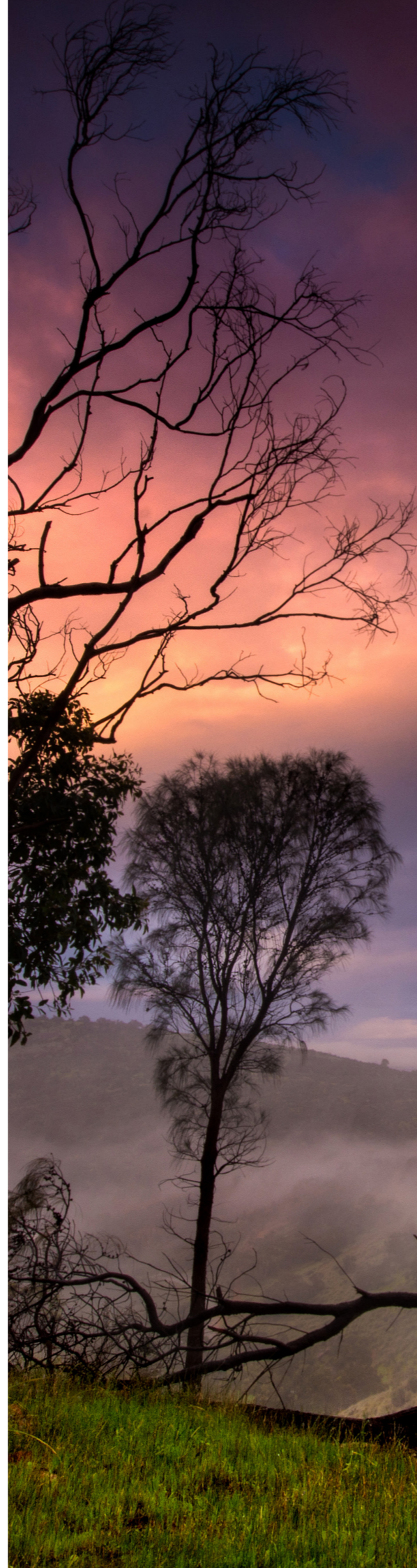
WHICH THIS YEAR HAS MOVED ONLINE!

Over a seven-week period, we will be profiling the environment profession to showcase our special interest sections: ecology, climate change, impact assessment, heritage, site contamination and sustainability. The past 12 months have brought Australia, New Zealand and the world much cause for concern, from drought to flood, from bushfires to earthquakes, from plagues of locusts to a global pandemic not seen in generations. As environmental practitioners, we must stand at the forefront of recovering from these disastrous events. Over the course of the conference, hear from global practitioners in this space during weekly webinars, look out for media statements from the Board, read profiles from practitioners across Australia and New Zealand and connect with peers online.

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WEBINAR WEDNESDAYS

| Date | Time | Speaker | SIS |
|------------|-------------------------|---|--------------------|
| Wed 14 Oct | 12.30pm - 2.00pm AEDST | Brendan Moon Reconnection and Rebuilding Resilient Communities | Keynote Speaker |
| Wed 21 Oct | 11.00am - 12.30pm AEDST | Cristina Zenato The interconnectivity of water Nathan Garvey Disaster to recovery: A tail of the Smoky Mouse | Ecology |
| Wed 28 Oct | 12.30pm - 2.30pm AEDST | Dr MacLaren North Recovering from legal disasters Richard Mackay Heritage Crises: National Identity and National Leadership Charlie Ord, Afzal Khan & James Carr Impacts of the 2019 Bushfires on Cultural Heritage: Assessing the Damage and Protecting Country Through Future Fire Seasons | Heritage |
| Wed 4 Nov | 12.30pm - 2.00pm AEDST | Amanda McKenzie Finding resilience and hope after disaster Prof David Bowman Pyrogeographic thinking - the key to tackling the global fire crisis | Climate Change |
| Wed 11 Nov | 12.30pm - 2.00pm AEDST | Charles Kelly COVID-19 and Impact Assessment: How the Pandemic is affecting the profession and practice of impact Dr Sheridan Coakes From Coast to Country: Applying the Sustainable Livelihoods Approach to Disaster Recovery Pam Dean-Jones From Coast to Country: Applying the Sustainable Livelihoods Approach to Disaster Recovery | Impact Assessment |
| Wed 18 Nov | 12.30pm - 2.00pm AEDST | L. Hunter Lovins The role of sustainability professionals: Driving transformational change for resilience Trisha Bauman The role of sustainability professionals: Driving transformational change for resilience | Sustainability |
| Wed 25 Nov | 12.30pm - 2.00pm AEDST | Dr Ross Kleinschmidt Radiation Incident Recovery - Can we return to 'normal'? Kevin Tearney Remediating for the greater good - realising the true value of contaminated land | Site Contamination |

PRICING

FULL PROGRAM

| EIANZ MEMBERS | NON-MEMBERS | EIANZ STUDENT MEMBERS |
|---------------|-------------|-----------------------|
| \$100 | \$200 | \$70 |

SINGLE WEBINAR

| EIANZ MEMBERS | NON-MEMBERS | EIANZ STUDENT MEMBERS |
|---------------|-------------|-----------------------|
| \$20 | \$40 | \$10 |

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SPEAKERS



BRENDAN MOON
CEO | Queensland Reconstruction Authority

Chief Executive Officer of Queensland Reconstruction Authority (QRA), Brendan Moon leads Australia's only permanent disaster recovery agency. Since 2011, QRA has overseen a Commonwealth/State funded disaster reconstruction program worth \$15.6 billion, with Mr Moon leading Queensland's contribution to the Commonwealth's recent reform of disaster funding arrangements.

Mr Moon started with QRA in 2011, following the Queensland floods and Severe Tropical Cyclone Yasi and led QRA operations for Cyclone Oswald and recovery efforts for Cyclone Debbie, described by the Insurance Council of Australia as the costliest cyclone to impact Australia since 1974.

Mr Moon was appointed the State Recovery Coordinator following five separate natural disasters to strike Queensland in early 2018 and is the State Recovery Policy and Planning Coordinator, assisting with the recovery of disaster-impacted communities.

He is a regular contributor to national and international dialogue on disaster risk and resilience and was invited to address the United Nations Office of Disaster Risk Reduction's Asian Ministerial Conferences in 2016 and 2018.



NATHAN GARVEY
Associate Director | EMM Consulting

Nathan is an Associate Director at EMM Consulting Pty Ltd and leads EMM's Bushfire, Ecology, Heritage and Spatial Solutions teams. He is an experienced ecologist with 20 years' practice in ecological assessment across eastern Australia. Nathan has delivered projects across a diverse range of sectors including mining, oil and gas, linear infrastructure, renewable energy and residential development. Recently, Nathan led the EMM team undertaking the biodiversity assessment for the iconic Snowy 2.0 project. The Snowy 2.0 project involves an expansion of the Snowy Scheme that will increase its generation capacity by almost 50%, providing an additional 2,000 megawatts (MW) generating capacity, and making approximately 350,000 megawatt hours (MWh) (175 hours of energy storage) available to the National Electricity Market (NEM). The project was recently approved by the NSW and Commonwealth governments. The Snowy 2.0 project is situated in subalpine and montane areas of Kosciuszko National Park (KNP) supporting a range of unique flora and fauna. The biodiversity surveys undertaken recorded 76,726 individual records of 46 threatened flora and fauna species in the northern section of KNP and Polo Flat, and included range extensions for a number of threatened species. This compares to just over 20,000 records of 70 threatened flora and fauna species across the whole of KNP prior to surveys for Snowy 2.0 being undertaken. One of these species was the Smoky Mouse (*Pseudomys fumeus*) with a new population of this species recorded across an estimated 6,000 to 7,000 ha of suitable habitat in the region. Following completion of the biodiversity assessment the region was severely impacted by the 2019/2020 bushfires that devastated eastern Australia. Recent survey data is indicating the Smoky Mouse has survived these fires, which is great news for the species. It is unclear how the species will fair over the medium to long term.

SPEAKERS



CRISTINA ZENATO

Cristina grew up in the African rain forest where she developed a passion for the outdoors and wilderness. Through her family, she acquired an equal passion for the oceans and has always been drawn to the water from a very young age. Over twenty-five years ago she journeyed to the Bahamas to learn how to scuba dive and immediately made The Bahamas her home and diving her life. Cristina is a PADI Course Director, NSS-CDS Advanced Cave diving instructor, TDI Technical Instructor and specializes in shark diving and shark behavior. Cristina works in the wild with sharks. She has met and worked with different scientists, behaviorists and handlers in the Bahamas, South Africa, Fiji, Rhode Island, California, Florida, North Carolina, China, and Mexico. While she has worked with over a dozen different species in different locations, her primary work is with Caribbean Reef sharks in her home in The Bahamas. Cristina is one of the first in the world to have been able to induce a state of relaxation in the Caribbean Reef sharks through gentle touch. To the observer, this looks like the shark is falling asleep in her lap.

Sharks know her and her touch and seem to seek the connection and contact. Witnessing this interaction, directly while diving with Cristina or remotely by watching her numerous contributions to television documentaries and reading about her work in magazines, has created a change in perception from the general public. It has helped dissolve misconceptions and preconceptions about sharks. Cristina and her sharks have become ambassadors for many other species and animals in the world. Through her work, she helps her sharks by removing hooks from their mouths and parasites. She helps scientists collect data to support research and has developed a Caribbean Reef Shark Diver Distinctive Specialty. Cristina was the initiator of the movement that resulted in the full protection of sharks in the entire Bahamas.



DR MACLAREN NORTH
Director | Extent Heritage

MacLaren North is the Managing Director of Extent Heritage, Australia's largest multidisciplinary heritage and archaeological consulting firm. Originally trained as an archaeologist, he has worked extensively in historical archaeology, built and infrastructure heritage. He spent ten years in heritage management roles in the NSW Government before setting up his business in 2006. He undertook a PhD at the University of Sydney in heritage law, and remains keenly interested in the interface between the law and achieving good heritage outcomes.



RICHARD MACKAY
Director of Possibilities | Mackay Strategic

Richard Mackay is the founder and 'Director of Possibilities' at Mackay Strategic and a Commissioner of the NSW Independent Planning Commission. A former Adjunct Professor at La Trobe University and founding Partner of GML Heritage, Richard has worked in cultural heritage management for more than 30 years. Richard is an ICOMOS cultural advisor to the World Heritage Committee and a past Chair of the Australian World Heritage Advisory Committee. He's responsible for the heritage theme of the 2011 and 2016 Australian State of the Environment reports. Richard is a member of the Australia ICOMOS Executive Committee and the Convenor of the ICOMOS Global General Assembly to be hosted in Sydney in 2023. He has served on the Burra Charter Working Party, as Member of the NSW Heritage Council and was the first Chair of the NSW State Heritage Register Committee. Richard was the inaugural winner of the Australian Heritage Council 'Sharon Sullivan Award' for his contribution to Australia's national heritage. In 2003 he was made a Member in the General Division of the Order of Australia for services to archaeology and cultural heritage.

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AFZAL KHAN

Business Manager | Bandjalang Aboriginal Corporation

Afzal is a traditional owner and Business Manager of the Bandjalang lands in NSW. He is a member of the Bandjalang Aboriginal Corporation Board of Directors and is a Natural Science Horticulturalist with an Applied Science Degree in Environmental Health.

His expertise in Cultural Heritage has seen him working with NSW National Parks and Wildlife Service on Bandjalang Cultural Heritage Bushfire Post Disaster Recovery Surveys and Assessments and with the Department of Defence on the Bandjalang Cultural Heritage Assessment for Evans Head Air Weapons Range. His expertise was integral to the Richmond Valley Council during the Coraki Richmond River upgrade and implementation of the totem post and traditional artwork and signage project. Afzal has lead Indigenous Land Use Agreements and Negotiations with NSW Fisheries, NSW National Parks and Wildlife Service, Royal Australian Air Force (RAAF), NSW Forestry and Crown Land Reserve. He has also worked utilised ground penetrating radar for geophysical and ethno historical investigations for Coraki and Box Ridge Cemetery in New South Wales.

Afzal continues to manage and implement the Bandjalan Business Plan strategy to ensure the protection, elevation and celebration of the Indigenous Heritage of the Bandjalan lands and culture.



CHARLIE ORD

Director | Githabul Native Title Aboriginal Corporation

Charlie is Director of Githabul Native Title Aboriginal Corporation.



AMANDA MCKENZIE

CEO | Climate Council

Amanda is one of the best known public commentators on the climate crisis in Australia. She is the CEO and co-founder of the Climate Council, an independent climate change education and advocacy body. Previously, Amanda co-founded the Australian Youth Climate Coalition and has served on Renewable Energy Expert Panels for the Queensland and Northern Territory governments. Amanda was the founding Chair of the Centre for Australian Progress and is a former Board Director at Plan International Australia and the Whitlam Institute. She holds an Honours degree in Law from Monash University and an Arts Degree from Melbourne University. Amanda has won numerous awards including being recognised as one of Westpac's 100 Women of Influence and a finalist in Telstra Young Business Woman of the Year Awards.

SPEAKERS



PROFESSOR DAVID BOWMAN

University of Tasmania

Professor David Bowman holds a research chair in Pyrogeography and Fire Science in the School of Natural Sciences and is the Director of the transdisciplinary Fire Centre at the University of Tasmania. He is developing the transdisciplinary field of pyrogeography that provides a synthetic understanding of landscape burning that unites human, physical and biological dimensions of fire from the geological past into the future and spanning local to global geographic scales.



CHARLES KELLY

Benfield Hazard Research Centre, University College, London

Mr. Kelly has over 40 years of field experience in disasters, having dealt with compound disasters, droughts, food insecurity, earthquakes, insect infestation, hurricanes, epidemics, floods, war and other emergencies, predominantly in developing countries. Mr. Kelly has extensive experience in risk, hazard and vulnerability assessment, including operationalizing these procedures in data poor and complex environments. Recent work has included developing and conducting training modules on flood and other water-related hazards and incorporating participant-led risk assessments and development of risk management measures into risk reduction planning. Mr. Kelly provides support to the Global Shelter Cluster and via the WWF Environment and Disaster Management Help Desk. Mr. Kelly co-chairs the International Association of Impact Assessment Disasters and Conflict Section and the Peacebuilding and Environment Association Disaster and Resilience Group.



DR SHERIDAN COAKES

National Social Practice Lead | Umwelt Australia

Dr Sheridan Coakes has over 25 years of research and applied experience in the consideration of social issues within NRM decision making and state significant project development across a diverse range of sectors - fisheries, viticulture, dairy deregulation, water resources, agriculture, biotechnology, linear infrastructure development, quarrying, oil and gas, open cut and underground mining, renewables, waste management and human service planning and delivery. With a PhD in the social sciences (Psychology), Sherie has a strong interest in resilience and the ability of communities to effectively respond to change. She has developed a range of innovative approaches that afford the effective collection, analysis, interpretation and use of social and community data to effectively inform policy/program/project assessment and planning; and to effectively involve stakeholders in decision making processes. Sherie is currently one of the Co-Convenors of the EIANZ SIA Working Group.

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SPEAKERS



PAM DEAN-JONES

Principal Consultant Communities and Landscapes | Umwelt Australia

With a background in cultural heritage and catchment and coastal management, Pam has extensive experience in how community resilience is influenced by factors such as understanding of environmental processes, attachment to country, cultural landscape values, attitudes to natural hazards, risk perception, public and private land management processes and the transparency and accessibility of communication.

Pam has assisted all levels of government, the private sector and community organisations with policy development, strategic analysis, assessment, communication, decision-making processes, plans of management to guide implementation and program review. Pam is currently a member of the NSW Coastal Council.



L. HUNTER LOVINS

President | National Capitalism Solutions

L. Hunter Lovins is the President and Founder of Natural Capitalism Solutions (NCS), a non-profit formed in 2002 in Longmont, CO. A renowned author and champion of sustainable development for over 35 years, Hunter has consulted on sustainable agriculture, energy, water, security, and climate policies for scores of governments, communities, and companies worldwide. Hunter believes that citizens, communities and companies, working together within the market context, are the most dynamic problem-solving force on the planet. She has devoted herself to building teams that can create and implement practical and affordable solutions to the problems facing us in creating a sustainable future.



TRISHA BAUMAN

CEO & Founder | TJBauman

Trisha Bauman is CEO and founder of TJBauman, a NYC-based strategic communications firm specializing in environmental, social, and governance (ESG) impact and stakeholder development. Trisha teaches in the Master of Science in Strategic Communication at Columbia University and is a frequent speaker on ESG impact communications at companies, universities, and international conferences. She serves on the Board of Directors of the United Nations Association of New York and as Vice President of the Governing Board at the International Society of Sustainability Professionals (ISSP). She has degrees in economics and in history from Bowdoin College (B.A., magna cum laude) and in strategic communication, with a concentration in sustainable development, from Columbia University (M.S.).

SPEAKERS



DR ROSS KLEINSCHMIDT

Senior Principal Physicist | Epic Environmental

Ross has a PhD in the field of environmental health physics. He has worked in the field of ionising radiation in an academic environment, as a regulator with Queensland Health's radiation legislation administrator, as head of a scientific team of health physicists and radiochemists with Queensland Health and currently as a consultant with Epic Environmental. Ross has also consulted for the IAEA, Laboratory's Seiborsdorf. He has accumulated a broad spectrum of applied knowledge in areas including radioactive waste disposal and waste store design & operation, decontamination and decommissioning of radiation facilities, contaminated land survey, assessment & remediation, radiation dose reconstruction, and the identification, assessment and management of the impact of naturally occurring radioactive materials (NORM).



KEVIN TEARNEY

Principal Consultant | Jacobs

Kevin Tearney is an Environmental Practitioner specialising in contaminated soil and groundwater assessment and remediation. He has over 30 years of industry experience gained mainly within New Zealand, Australia and the UK, providing advice and expertise in respect of brownfield redevelopment, land bank management, and property divestment and acquisition.

Kevin has a background in Earth Sciences (geology and geophysics) and is the Senior Practitioner within AECOM's Geoscience and Remediation Services Team in New Zealand, and is based in Wellington.

Kevin has extensive practical experience of the investigation and remediation of brownfield sites for small and large scale developments, as the Environmental team lead, a specialist advisor or a member of a multi-disciplinary team. In addition, Kevin has thorough understanding of National regulatory requirements and planning frameworks in the Wellington Region, associated with developments on contaminated land.

Kevin is a well-respected and experienced environmental professional providing advice and expertise to industry and government clients in respect of contaminated land investigation, risk assessment and remediation.



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