



SPEAKERS



Dr Matthew Stocks, Associate Professor, Australian National University

Dr Matthew Stocks has more than 25 years research and development experience in renewable energy and photovoltaics.

Since returning to ANU in 2013, I have been CI on several ARENA funded research projects, all examining aspects of renewable energy generation. These span from high efficiency solar cell concepts, including silicon based IBC solar cells and tandem solar cells comprising perovskites or GaAs with silicon as the lower bandgap device and through to studies supporting high penetration renewables including 100% renewable energy and sustainable transport.

Our work (<https://re100.eng.anu.edu.au>) on pumped hydro energy storage and integration of renewable energy in Australia has had wide engagement from industry, government and the general public, culminating with the award of the Eureka Prize for Environmental Science in 2018.



Dr Yuetao Xie, Deputy Director, Department of International Cooperation, China Renewable Energy Engineering Institute (CREEI)

Dr Yuetao Xie got his Ph. D degree on hydropower in Tsinghua University. After several years of engineering experience for overseas projects, Dr Xie joined China Renewable Energy Engineering Institute (CREEI) in 2016. CREEI was founded in 1950s. Since the beginning, it has been the major provider of hydropower, wind power, and solar PV technical service in China. Its work scope covers renewable energy policy study, resources survey and planning, industry development planning, design review, project quality supervision, technical standards compilation, information management and international cooperation. Currently CREEI is the leading think tank and engineering institute in the field of hydropower in China.



Paul Molnar, Project Director, Hydro Tasmania

An electrical engineer by trade, Paul has worked in the renewable energy generation industry (hydro power and wind) for over 25 years, both in Tasmania and NSW.

He has worked across a broad range of engineering and management roles including multi-discipline project management, strategic asset management, business improvement and operations. He has a strong background in managing major projects and power scheme upgrades.



Dr. Kamal Laksiri, Project Director of Broadlands Hydropower Project, Ceylon Electricity Board

Dr. Kamal Laksiri has over 28 years of experience in Hydropower and Dam Engineering. Currently Dr. Laksiri works attached to Ceylon Electricity Board as the Project Director of the Broadlands Hydropower Project, a national power project which is under construction. He was a Vice President of the Institution of Engineers Sri Lanka (IESL) and a Past President of Association of Consulting Engineers Sri Lanka (ACESL). He is also the Chairman of the Sri Lanka Association of the ICE, UK.



Professor Jamie Pittock, Professor, Australian National University

Dr Jamie Pittock (BSc, Monash; PhD, ANU) is Professor in the Fenner School of Environment and Society at The Australian National University. Jamie worked for environmental organisations in Australia and internationally from 1989–2007, including as Director of WWF's Global Freshwater Programme from 2001–2007. His research from 2007 has focussed on better governance of the interlinked issues of water management, energy and food supply, responding to climate change and conserving biological diversity. Jamie directs research programs on irrigation in Africa, hydropower and food production in the Mekong region, and sustainable water management in the Murray-Darling Basin. He is the leader of a project on pumped storage hydropower for the APEC Energy Working Group.