

Panel No.	<b>15</b>
Panel Paper Title	<b>The Rule of Law and the Challenges of Climate Change and Energy Security in the Asia Pacific</b>
Panel Convenor	<p><b>Dr James Prest</b></p> <p>James Prest is an environmental lawyer from the Australian National University Centre for Climate Law and Policy - focused on energy change and solutions to climate change. He is a Senior Lecturer in law specialising in environmental law and a Member of the IUCN Commission on Environmental Law. He is a Member of the Executive of the Australian National University's Energy Change Institute a cross-campus inter-disciplinary network devoted to energy issues. His primary expertise is in national level sustainable energy law and policy for deep decarbonisation. Apart from his research interest in international climate law, his main research focus is in comparative review of national and sub national law and regulation for energy and transport sectors.</p> <p>2005 Doctor of Philosophy (Law), University of Wollongong).  1994 LLB (Hons) (First Class), Australian National University.  Barrister, High Court of Australia and Federal Court, February 1996  Executive Member and Member, Energy Change Institute, ANU</p> <p>Career: James has been an academic staff at the Australian Centre for Environmental Law since 2006. His research has a strong focus on comparative environmental law, with an emphasis on renewable energy and climate change law, examining the legal and policy barriers to increased investment in renewable electricity generation. Common themes: (1) barriers and drivers of renewable energy investment and comparative international analysis of renewable energy law; (2) questions of regulation of competition between firms in the electricity market and the influence of regulatory frameworks on the impact of disruptive technological innovations; and (3) a series of international and/or local industry based case study approaches. The latter include: (i) renewable energy incentive laws; (ii) the influence of land use planning law on wind energy projects; (iii) regulation of mercury emissions from conventional generation; and (iv) legal frameworks to encourage emerging renewable energy technologies including storage and micro-grids, solar thermal power with storage. Other projects include (v) law and policy for electric vehicle charging infrastructure (vi) law reform to promote hydrogen energy transition (vii) Japan- Australia energy dialogue funded by Toshiba International Foundation (iv) barriers to renewable energy investment in Indonesia.</p>
Name of Panellists	<p><b>Prof Hitoshi Ushijima</b></p> <p>Hitoshi Ushijima is Professor of Law at Chuo University, Tokyo, Japan. His research foci include administrative law and regulatory policy, environmental and energy law, comparative law, and multi-layered legal systems and governance.</p> <p>Professor Ushijima has been a Visiting Professor at Tulane Law School, a Guest Professor at KU Leuven, Belgium, an invited Professor at the University of Paris 13, a Visiting Researcher at Georgetown Law School, and is the author of the Japan Chapter of "Administrative Law and Governance in Asia" (Routledge, 2009).</p> <p>Professor Ushijima has served as a National Bar Examiner, Ministry of Justice, and a member of the Personnel Council, Ministry of Defense, and as an instructor, Ministry of Internal Affairs and Communication. He has also served on many local-government advisory councils/boards for administrative reform, administrative complaint review, environmental impact assessment, freedom of information, and data protection. He has been a member of the World Commission on Environmental Law, IUCN.</p> <p>Professor Ushijima received his LL.B. from Chuo, and his LL.M.s from Hiroshima University and the University of Wisconsin (Fulbright Program).</p> <p><b>Assoc Prof Anton Ming-Zhi Gao</b></p> <p>Anton Ming-Zhi Gao is Associate Professor of Law at Institute of Law for Science and Technology, National Tsing Hua University (NTHU). He received his master degree from National Taiwan University. In October 2005 he began a Ph.D. program at K.U. Leuven, and received his Ph.D. in Law in December 2009. He currently teaches several courses, including constitutional law, energy law and policy and European environmental law. He is the Taiwanese scholar with</p>

the greatest number of articles published in international energy and environmental law journals. Over the past number of years, he has been very active in international publications concerning investigations into the legal issues of international, European, Asian, and Taiwanese energy laws.

**Dr Alexandra Wawryk**

She received First Class degrees in Economics and Law, and a PhD in Law, from the University of Adelaide, Australia. She is a senior lecturer at the University of Adelaide Law School, teaching Contract Law, Climate Change Law, and Mining and Energy Law. She also taught International Energy Law and Environmental Law for a number of years. Her areas of research include petroleum law, renewable energy law, and mining and environmental law. She is a Co-director of the Adelaide Law School's Environmental, Natural Resources and Energy Law Research unit; Editor of the Australian Resources and Energy Law Journal; and an associate editor for OGEL, a specialist on-line database for Oil, Gas and Energy Law. Alex is a barrister and solicitor of the Supreme Court of South Australia. She is Chairperson of the Management Committee of the Environmental Defenders Office (SA) Inc, and a member of the IUCN Specialist Group on Energy Law, the Australian Resources and Energy Law Association, and the Institute for Mining, Energy and Resources at the University of Adelaide. In 2016-17 Alex, served on the Academic Advisory Panel to the South Australian government's Leading Practice Review of South Australia's mining legislation.

**Prof Yukari Takamura**

Yukari TAKAMURA is Professor at Integrated Research System for Sustainability Science (IR3S), The University of Tokyo Institutes for Advanced Study(UTIAS).

After graduating from Kyoto University (Bachelor of Laws) and receiving Master of Laws (Public International Law) from Hitotsubashi University, Tokyo, she was appointed Associate Professor at Shizuoka University (1998-2004), Associate Professor (2004-2006) and Professor (2006-2011) at Ryukoku University, Kyoto and Professor at Nagoya University (2011-2018), Japan. She also studied at Graduate School of University of Paris II (Panthéon-Assas), France (1993-1995) and was Visiting Researcher at University of London, U.K. (2000-2001).

Specializing international law and environmental law including renewable law, she published as author and co-author many books and articles, among others:

- 'Climate Change and the Law in Japan' in Hans-Joachim Koch et al. eds., Legal Regimes for Environmental Protection: Governance for Climate Change and Ocean Resources (Brill/ Nijhoff, 2015);
- 'Climate Change and Small Island Claims in the Pacific', in O.C. Ruppel et al. eds., Climate Change: International Law and Global Governance, Volume I: Legal Responses and Global Responsibility (Nomos, 2013);
- Chapter Japan in R. Lord et al. eds., Climate Change Liability (Cambridge University Press, 2011).

She serves as member of governmental advisory bodies, among others, Science Council of Japan, Central Environmental Council, and Procurement Price Calculation Committee for Feed-in Tariff Scheme for Renewable Energy. She also serves as member of board of directors of Japan Society of International Law, and member of board of managing directors of Japan Association of Environmental Law and Policy.