



Virtual Policy Dialogue and Conference

Upgrading Infrastructure and Housing to Reduce Poverty in Pacific Island Countries

Jointly organized by
Asian Development Bank Institute (ADBI)
Pacific Initiative of the School of Built Environment and Institute for Global Development, University of New South Wales (UNSW)
University of the South Pacific

16-18 December 2020

Tokyo, Japanese Standard Time (JST, GMT+9)
 Sydney, Australian Eastern Daylight Time (AEDT, GMT+11)

Day 1 16 December (Wednesday)	
09:45 – 10:00 (JST) 11:45 – 12:00 (AEDT)	Introduction – Technical Guidance Time is also allocated for all presenters, and participants to connect to the Zoom webinar in advance.
10:00 – 10:20 (JST) 12:00 – 12:20 (AEDT)	Opening and Welcome Remarks <ul style="list-style-type: none"> • Tetsushi Sonobe, Dean and CEO, ADBI • Claire Annesley, Dean, Faculty of Arts, architecture, and Design, UNSW • Stephen Pratt, Dean, Faculty of Business & Economics, University of the South Pacific <p>A group photo will be taken during this time. All speakers are requested to have their cameras turned on.</p>
10:20 – 10:40 (JST) 12:20 – 12:40 (AEDT)	Keynote address: Jingmin Huang, Director for Urban Development, Water Supply and Sanitation Division, Pacific Department (PARD), ADB Introduction to the Conference by the conference chair: Sarath Mataraarachchi, Lead, Built Environment Pacific Initiative, the School of Built Environment and the Institute for Global Development
Session 1 (10:40 – 12:00, JST) (12:40 – 14:00, AEDT)	Human Capital for Infrastructure Development: The roles of local communities and infrastructure planning (1) Chair: Chul Ju Kim ADBI
10:40 – 11:00 (JST) 12:40 – 13:00 (AEDT)	Capacity building in Sustainable Infrastructure and housing for poverty reduction – Framing the agenda Presenter: Sarath Mataraarachchi, UNSW (10 minutes)

	<p>Author: Sarath Mataraarachchi</p> <p>Discussant: David Gainsford, NSW Department of Planning, Industry, and Environment, Sydney (10 Minutes)</p>
11:00 – 11:30 (JST) 13:00 – 13:30 (AEDT)	<p>The Balekinaga Experiment</p> <p>Presenter: Chris Lockhart-Smith, Eco Dweller Consultants (10 minutes)</p> <p>Authors: Chris Lockhart-Smith, Sally Nunnerly, and Sarath Mataraarachchi</p> <p>Discussant: Peter Hunt, UNSW (10 minutes)</p> <p>Q&A/Discussion (10 minutes)</p>
11:30 – 12:00 (JST) 13:30 – 14:00 (AEDT)	<p>Country Perspectives</p> <ul style="list-style-type: none"> Anne Taoro, Manager, Government Facilities Division, Cook Islands Investment Corporation Kamal Gounder, Manager/Coordinator, Infrastructure Sector, Budget and Planning Division, Ministry of Economy, Fiji (TBC) <p>Q&A/Discussion</p>
12:00 – 12:10 (JST) 14:00 – 14:10 (AEDT)	Intermission / Break 10 minutes
Session 2 (12:10 – 13:50, JST) (14:10 – 15:50, AEDT)	<p>Human Capital for Infrastructure Development: The roles of local communities and infrastructure planning (2)</p> <p>Chair: Stephen Pratt USP</p>
12:10 – 12:40 (JST) 14:10 – 14:40 (AEDT)	<p>Traditional ecological knowledge and practices in sustainable infrastructure and housing</p> <p>Presenter: Deniz Yildiz UNSW (10 minutes)</p> <p>Authors: Deniz Yildiz, John Blair, Sarath Mataraarachchi, Paul Osmond</p> <p>Discussant: Stephen Pratt, USP (10 minutes)</p> <p>Q&A/Discussion (10 minutes)</p>
12:40 – 13:10 (JST) 14:40 – 15:10 (AEDT)	<p>Community Based Landslide Risk Reduction Approach with the Application of Digital Technologies</p> <p>Presenter: Chinthaka Rathnasiri, Sri Lanka National Building Research Organisation (10 minutes)</p> <p>Authors: Chinthaka Rathnasiri, Dayan Munasinghe, and Sarath Mataraarachchi</p> <p>Discussant: Kishan Sugathapala, Sri Lanka National Building Research Organisation (10 minutes)</p> <p>Q&A/Discussion (10 minutes)</p>
13:10 – 13:40 (JST) 15:10 – 15:40 (AEDT)	<p>Country Perspectives</p> <ul style="list-style-type: none"> Catalino Kijiner, Secretary, Ministry of Works, Infrastructure and Utilities,

	Marshall Islands Q&A/Discussion (10 Minutes)
Closing:	Nella Hendriyetty, ADBI

Day 2 17 December (Thursday)	
09:45 – 10:00 (JST) 11:45 – 12:00 (AEDT)	Introduction – Technical Guidance Time is also allocated for all presenters, and participants to connect to the Zoom webinar in advance
10:00 – 10:05 (JST) 12:00 – 12:05 (AEDT)	Opening Peter Morgan, ADBI
10:05 – 10:25 (JST) 12:05 – 12:25 (AEDT)	Keynote address: Professor Naoyuki Yoshino (Infrastructure Financing) – 15 minutes Q&A/Discussion (5 minutes)
Session 3 (10:25 – 12:05, JST) (12:25 – 14:05, AEDT)	Human Capital for Infrastructure Development: The roles of local communities and infrastructure planning (3) Chair: John Blair, UNSW
10:25 – 10:55 (JST) 12:25 – 12:55 (AEDT)	Capacity gaps in development professionals in the Pacific – Options for addressing the severe shortage of Architects, Urban Planners, and development planners in the Pacific Presenter: Andrew Pene, Department for Buildings & Government Architects Office, Ministry of Infrastructure, Fiji (10 minutes) Authors: Jon Orton and Andrew Pene Discussant: Sarath Mataraarachchi, UNSW (10 minutes) Q&A/Discussion (10 minutes)
10:55 – 11:25 (JST) 12:55 – 13:25 (AEDT)	A model for infrastructure planning in the South Pacific – Connecting national plans to local needs Presenters: Stephen Alchin, formerly Infrastructure Australia (10 minutes) Authors: Stephen Alchin and Sarath Mataraarachchi Discussant: Brendon Baker, Mott Macdonald (10 minutes) Q&A/Discussion (10 minutes)
Session 4 (11:25 – 12:55, JST) (13:25 – 14:55, AEDT)	Harnessing Digital Technology for Infrastructure Development (1) Chair: Peter Morgan ADBI

11:25 – 11:55 (JST) 13:25 – 13:55 (AEDT)	Resilient infrastructure planning in Small Island Developing States (SIDS) in an age of remote technical assistance Presenter: Ian Hay, Research, Policy, Planning Consultant (10 minutes) Author: Ian Hay Discussant: Simone Zarpelon Leao, UNSW (10 minutes) Q&A/Discussion (10 minutes)
11:55 – 12:25 (JST) 13:55 – 14:25 (AEDT)	The Role of Digital Technology in Setting up Health Infrastructure for Covid-19 Pandemic in Indonesia Presenters: Rainier Haryanto, Indonesian Ministry of Private Enterprise and UNSW) Author: Rainier Haryanto Discussant: John Blair, Deputy Conference Chair UNSW (10 minutes) Q&A/Discussion (10 minutes)
12:25 – 12:55 (JST) 14:25 – 14:55 (AEDT)	Country Perspectives <ul style="list-style-type: none"> • Mirzi Betasolo, Senior Lecturer, Papua New Guinea University of Technology Q&A/Discussion
12:55 – 13:00 (JST) 14:55 – 15:00 (AEDT)	Intermission / Break 5 minutes
Session 5 (13:00 – 14:40, JST) (13:00 – 16:40, AEDT)	Harnessing Digital Technology for Infrastructure Development (2) Chair: Stephen Alchin, Formerly with Infrastructure Australia
13:00 – 13:40 (JST) 15:00 – 15:40 (AEDT)	Zero Waste Strategy for NBRO, Colombo Sri Lanka Presenter 1: Madara Dissanayake, Sri Lanka National Building Research Organisation (10 minutes) Presenter 2: Talebul Islam, Randwick City Council, Sydney (10 minutes) Authors: Sardhanee Dias, Madara Dissanayake, Pooja Elvitigala, Talebul Islam and Sarath Mataraarachchi Discussant: Sarath Premasiri, Sri Lanka National Building Research Organisation (10 minutes) Q&A/Discussion (10 minutes)
13:40 – 14:10 (JST) 15:40 – 16:10 (AEDT)	Framework for access to digital technology in the Pacific Islands in support of the development of 'infrastructure Development by Digital Democracy' (i3D) Presenter: Simone Zarpelon Leao, UNSW (10 minutes)

	<p>Author: Simone Zarpelon Leao and Sarath Mataraarachchi</p> <p>Discussant: Brendon Baker, Mott MacDonald (10 minutes)</p> <p>Q&A/Discussion 10 minutes</p>
14:10 – 14:40 (JST) 16:10 – 16:40 (AEDT)	<p>Engaging Students in the Environmental and Social Impacts of Renewable Energy</p> <p>Presenter: Richard Corkish, UNSW (10 minutes)</p> <p>Author: Richard Corkish</p> <p>Discussant: Chris Lockhart-Smith, Eco Dwellers consultancy (10 minutes)</p> <p>Q&A/Discussion 10 minutes</p>
Closing	Sarath Mataraarachchi, UNSW

Day 3 18 December (Friday)	
09:45 – 10:00 (JST) 11:45 – 12:00 (AEDT)	<p>Introduction – Technical Guidance</p> <p>Time is also allocated for all presenters, and participants to connect to the Zoom webinar in advance</p>
10:00 – 10:05 (JST) 12:00 – 12:05 (AEDT)	<p>Opening</p> <p>Peter Morgan, ADBI</p>
10:05 – 10:25 (JST) 12:05 – 12:25 (AEDT)	<p>Keynote address: Local socio-economic impact: A human centred construction supply chain engineering approach</p> <p>Dr. Tillmann Böhme, Academic Program Director, Senior Lecturer in Innovation and Entrepreneurship, School of Management and Marketing Management Discipline Faculty of Business and Law, University of Wollongong - 15 minutes</p> <p>Q&A – 5 minutes</p>
Session 6 (10:25 – 12:05, JST) (12:25 – 14:05, AEDT)	Governance and SDGs in Infrastructure Development (1) Chair: Nella Hendriyetty
10:25 – 10:55 (JST) 12:25 – 12:55 (AEDT)	<p>Governance Systems, Land Tenure, and Community Participation in Pacific Island Countries</p> <p>Presenter: Smriti Tuladhar UNSW (10 minutes)</p> <p>Authors: Smriti Tuladhar, Jessica Baldwin and Robert Freestone</p> <p>Discussant: Sarath Mataraarachchi, UNSW (10 minutes)</p> <p>Q&A 10 minutes</p>
10:55 – 11.25 (JST) 12:55 – 13.25 (AEDT)	<p>Until the Sustainable Development Goals (SDGs) are delivered: what can we do to improve the lives of the urban poor in the Pacific Island Countries?</p> <p>Presenters: Emily Hallett, UNSW (10 minutes)</p>

	<p>Authors: Madeleine Whitby, Emily Hallett and Sarath Mataraarachchi</p> <p>Discussant: Peter Hunt, UNSW (10 minutes)</p> <p>Q&A (10 minutes)</p>
11:25 – 11:45 (JST) 13:25 – 13:45 (AEDT)	<p>Country Perspectives</p> <ul style="list-style-type: none"> • Robert Sen, CEO, Housing Authority, Fiji (TBC) • Jimmy Nuake, Undersecretary, Ministry of Infrastructure Development, Solomon Islands (TBC) <p>Q&A/Discussion</p>
11:45 – 11:55 (JST) 13:45 – 13:55 (AEDT)	Intermission / Break 10 minutes
Session 7 (11:55 – 13:55, JST) (13:55 – 15:55, AEDT)	Governance and SDGs in Infrastructure Development (2) Chair: Paul Osmond, UNSW
11:55 – 12:25 (JST) 13:55 – 14:25 (AEDT)	<p>UN Sustainable Development Goals benchmarks to achieve sustainable infrastructure and housing for poverty reduction in the Pacific Island Countries</p> <p>Presenters: Peter Hunt, UNSW (10 minutes)</p> <p>Author: Peter Hunt</p> <p>Discussant: Rainier Haryanto (10 minutes)</p> <p>Q&A/Discussion (10 minutes)</p>
12:25 -12:55 (JST) 14:25 -14:55 (AEDT)	<p>Sustainable infrastructure – Lessons from Sydney for the Pacific</p> <p>Presenter: Brendon Baker, Mott Macdonald (10 minutes)</p> <p>Authors: Brendon Baker, David Gainsford and Sally Nunnerly</p> <p>Discussant: Stephen Alchin, Formerly of Infrastructure Australia (10 minutes)</p> <p>Q&A 10 minutes</p>
12:55 – 13:25 (JST) 14:55 – 15:25 (AEDT)	<p>Infrastructure Development by Digital Democracy (i3D) – Addressing the capacity Building for sustainable infrastructure and housing for poverty reduction conundrum</p> <p>Presenter: Sarath Mataraarachchi, UNSW (10 minutes)</p> <p>Author: Sarath Mataraarachchi</p> <p>Discussant: Sally Nunnerly, Transport NSW, Sydney (10 minutes)</p> <p>Q&A (10 minutes)</p>
13:25 – 13:55 (JST) 15:25 – 15:55 (AEDT)	<p>Country Perspectives</p> <ul style="list-style-type: none"> • Tonga Representative (TBC)

	<ul style="list-style-type: none">Judicael Mlonturala, Principal Architect, Public Works Department, Ministry of Infrastructure and Public Utilities, Vanuatu <p>Q&A/Discussion</p>
	<p>Wrap up and takeaways: Stephen Pratt, USP</p>
	<p>Closing: Sarath Mataraarachchi, UNSW Peter Morgan, ADBI</p>