



United Nations Centre for  
Regional Development



Ministry of Natural Resources  
and Environment,  
Thailand



Ministry of the Environment,  
Government of Japan

## **Provisional Programme of Ninth Regional 3R Forum in Asia and the Pacific**

**Date:** 4-6 March 2019

**Venue:** Royal Orchid Sheraton Hotel & Towers, Bangkok, Thailand

**Theme:** 3R as a Way for Moving towards Sufficiency Economy – Implications for SDGs

### **Co-organizers**

Ministry of the Natural Resources and Environment (MONRE), Thailand

Ministry of the Environment, Japan (MOEJ)

United Nations Centre for Regional Development (UNCRD) of Division for Sustainable  
Development Goals (DSDG)/ UN DESA

### **Forum Chair**

H.E. General Surasak Karnjanarat

Hon. Minister, Ministry of Natural Resources and Environment, Thailand

### **Partners**

United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP)

United Nations Environment Programme (UNEP)

Green Industries SA, Government of South Australia

Japan Society of Material Cycles and Waste Management (5th RINCs 2019)

International Society of Waste Management, Air and Water (8th IconSWM 2018)

The Global Sustainable Technology & Innovation Conference (G-STIC 2018)

### **Supporting Organizations**

Institute of Global Environmental Strategies (IGES)

Economic Research Institute for ASEAN and East Asia (ERIA)

<b>Summary of all events</b>			
<b>No.</b>	<b>Title of Pre-events / Main event / Parallel-events</b>	<b>Date / Time</b>	<b>Room</b>
1.	8 <sup>th</sup> International Conference on Sustainable Waste Management (8 <sup>th</sup> IconSWM 2018)  <i>(Pre-event)</i>	22-24 November 2018	Venue: AcharyaNagarjunaUniversity (ANU), Guntur, India
2	3R International Scientific Conference on Material Cycles and Waste Management (5th 3RINCs)  <i>(Pre-event)</i>	27 February -1 March 2019	Venue: Pullman Bangkok King Power, Bangkok, Thailand
3.	9 <sup>th</sup> Regional 3R Forum in Asia and the Pacific  <i>(Main event)</i>	4-6 March 2019	Royal Orchid Ballroom (2nd Floor)
4.	The 9th Asia and the Pacific 3R Citizens Forum “Creating Sustainable Lifestyle and Sustainable Community through 3Rs to achieve SDGs”  <i>(Parallel-event)</i>	5 March 2019 / 09:00-13:00	Panisea II (1st Floor)
5.	The Second Phase of State of the 3Rs in Asia and the Pacific  <i>(Parallel-event)</i>	5 March 2019 / 14:00-18:00	Pompadour (2nd Floor)
6.	International 3R Exhibition  <i>(Parallel-event)</i>	On 4 March 2019 / 10:00-17:00 On 5 March 2019 / 09:00-17:00 On 6 March 2019 / 08:30-12:00	Riverside Room 5,6 and 7 (2nd Floor)

# **Main Event**

4-6 March 2019

<b>DAY 1</b>	
<b>4 March 2019 (Monday)</b>	
<b>Time / Room</b>	<b>Programme</b>
07:30-08:45	<b>Registration</b> [In Front of Royal Orchid Ballroom (2nd Floor)]
08:30-09:30	<b>Opening Ceremony</b>
Room: Royal Orchid Ballroom (2nd Floor)	<ul style="list-style-type: none"> <li>▪ <b>Cultural function/Ceremony</b>(10 min)</li> <li>▪ <b>Welcome Message</b></li> <li>▪ <b>Opening Remarks</b> <ul style="list-style-type: none"> <li>○ <i>H.E. General Surasak Karnjanarat, Hon. Minister, Ministry of Natural Resources and Environment, Thailand</i></li> <li>○ <i>Mr. Tsukasa Akimoto State Minister, Ministry of the Environment, Japan (MOEJ)</i></li> <li>○ <i>Mr. Kazushige Endo Director, United Nations Centre for Regional Development (UNCRD)</i></li> </ul> </li> <li>▪ <b>Special Address</b> <ul style="list-style-type: none"> <li>○ <i>Ms. Armida Salsiah Alisjahbana Under-Secretary-General of the United Nations and Executive Secretary of ESCAP, United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP)</i></li> </ul> </li> </ul>
09:45-10:00	<b>GROUP PHOTOGRAPH</b> [All participants] <b>Room:</b> Royal Orchid Ballroom (2nd Floor)

<p>10:10-10:30</p> <p><b>Room:</b> River side Ballroom (2nd Floor)</p>	<p style="text-align: center;"><b>Inauguration of International 3R Exhibition</b> by <i>H.E. General SurasakKarnjanarat</i> <i>Hon. Minister, Ministry of Natural Resources and Environment,</i> <i>Thailand</i> And <b>COFFEE / TEA BREAK</b></p>	
<p>10:30-10:45</p> <p><b>Room:</b> Royal Orchid Ballroom (2nd Floor)</p>	<p style="text-align: center;"><b>Keynote Address (1)</b> Natural Resources and Environmental Management through Sufficiency Economy Philosophy ~ What can we contribute towards SDGs? by <i>Mr. SuvatChirapant</i> <i>Deputy Secretary-General, The Chaipattana Foundation, Thailand</i></p>	
<p>10:45-11:00</p> <p><b>Room:</b> Royal Orchid Ballroom (2nd Floor)</p>	<p style="text-align: center;"><b>Keynote Address (2)</b> Renewable Energy in the context of Circular Economy ~ Implication towards Sufficiency Economy &amp; SDGs by <i>Mr. UpendraTripathy IAS</i> <i>Director General, International Solar Alliance, India</i></p>	
<p>11:00-12:30</p>	<p style="text-align: center;"><b>PLENARY SESSION 1</b> Circular economy towards sufficiency economy~ Implications for SDGs</p>	
<p><b>Room:</b>Royal Orchid Ballroom (2nd Floor)</p>	<p><b>Background Presentation (1):</b> Realising the potential of 3R and resource efficiency through Sufficiency Economy Philosophy (SEP) ~ Implication for SDGs (8 min) <i>Prof.KarlVrancken</i> <i>Research Manager Sustainable Materials</i> <i>VITO NV, Belgium</i></p> <p><b>Background Presentation (2):</b> Circular economy towards sufficiency economy ~ Case of P.R. China(8 min) <i>Prof.Jinhui Li</i> <i>The Basel Convention Coordinating Centre for Asia and the Pacific</i> <i>Department of Environmental Science and Engineering, Tsinghua University, Beijing P.R. China</i></p>	<p><b><u>Session Chair:</u></b> <i>Dr. WijarnSima</i> <i>chaya</i> <i>Permanent</i> <i>Secretary,</i> <i>Ministry of the</i> <i>Natural</i> <i>Resources and</i> <i>Environment</i> <i>(MoNRE),</i> <i>Thailand</i></p> <p><b><u>Facilitator /</u></b> <b><u>Moderator:</u></b></p>

	<p>and  <b>Dr.Xianlai Zeng</b>  Associate Professor, Tsinghua University, Beijing,  P.R.China and  Visiting Fellow in Yale University, USA</p> <p><b>Presentation (3):</b>3R policy and plans for SEP – Experiences  and best practices of Thailand (8 min)</p> <p><b>Mr. PralongDumrongthai</b>  Director General, Pollution Control Department  (PCD), Ministry of the Natural Resources and  Environment (MoNRE), Thailand</p> <p><b>Panel Discussion</b>(66 min)</p> <ul style="list-style-type: none"> <li>• <b>Mr. PrasertSirinapaporn</b>  Director, Strategy and Planning Division, Office of  Natural Resources and Environment Policy and  Planning, Ministry of Natural Resources and  Environment, Thailand</li> <li>• <b>Prof.ChamlongPooboon</b>  Associate Professor, School of Environmental  Development, National Institute of Development  Administration (NIDA), Thailand</li> <li>• <b>Mr. Bruce Dunn</b>  Director, Safeguards Division and concurrently OIC,  Environment Thematic Group, Sustainable  Development and Climate Change Department  (SDCC), Asian Development Bank(ADB)</li> <li>• <b>Dr. Eva Bartekova</b>  Environment and Economy Integration Division, The  Organisation for Economic Co-operation and  Development (OECD)</li> <li>• <b>Mr. Akio Takemoto</b>  Senior Environmental Specialist, Global  Environment Facility (GEF)</li> </ul> <p><b>Discussion Points:</b></p> <p>1. To what extent the role of circular economy is  understood in the context of sufficiency economy?  Supply security of resources (natural resources,  primary and secondary raw materials and minerals) is  critical achieve the SDGs? What valuable insights we</p>	<p><b>Mr.Choudhury  RudraCharan  Mohanty</b>  Environment  Programme  Coordinator,  UNCRD</p> <p><b>Rapporteur:Pr  of.  PariatambyAg  amuthu</b>  University of  Malaya,  Malaysia</p> <p><b>Dr. Vicki Hall,</b>  Director,  Waste  Management  and Pollution  Control, Secret  ariat of the  Pacific  Regional  Environment  Programme  (SPREP), Apia,  Samoa</p>
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	<p><i>can gain from the Chinese and Thai experiences on circular economy and Sufficiency Economy Philosophy (SEP) respectively?</i></p> <p>2. <i>What are the possible impacts a progressive transition to the circular economy would have on Asia-Pacific - socially, economically and environmentally - under the 2030 Agenda for Sustainable Development?</i></p> <p>3. <i>How can we develop better institutional capacity and promote government and international collaborative research programmes for strengthening basic statistics, material flow and waste accounting in support of whole-of-value chain approach which is a key enabler towards circular economic development?</i></p> <p>4. <i>Are there good cases (national/international) of well-designed policies and programmes, institutional arrangements and capacity building and technology transfer programmes which have been successful in advancing circular economic development?</i></p>	
12:30-13:30	<p><b>NETWORKING LUNCH BREAK</b>  <b>Room:</b>Panisea II(VIP)(1st Floor)  Giorgio's (1st Floor)  Mezzanine Lounge (1st Floor)</p>	
13:30-15:00	<p><b>PLENARY SESSION 2</b>  Circular economic utilization of plastics waste ~ Implications towards SDGs</p>	
<b>Room:</b>	<p><b>Background Presentation (1):</b> Reducing plastic wastes through circular economy ~ Implications towards SDG 12 &amp; SDG 14 (8 min)  <i>Mr. Amit Jain</i>  Managing Director  IRG Systems South Asia Pvt. Ltd, India</p> <p><b>Presentation (2):</b> Circular economy - The role of the plastic industry (8 min)  <i>Mr. Paradorn Chulajata</i></p>	<p><b>Session Chair:</b>  <i>HEMr. Pheaktra Neth</i>  Secretariat of State, Ministry of Environment, Cambodia</p>

<p>Royal Orchid Ballroom (2nd Floor)</p>	<p><i>Plastic Industry Club, Federation of Thai Industries, Thailand</i></p> <p><b>Presentation (3):</b> Plastics economy ~ Case of South Australia(8 min)</p> <p><b>Mr. Vaughan Levitzke</b> <i>Chief Executive, Green Industries South Australia, Australia</i></p> <p><b>Panel Discussion:</b>(66 min)</p> <ul style="list-style-type: none"> <li>• <b>Mr. SuwanNanthasarut</b> <i>Environmental Expert, Department of Marine and Coastal Resources, Ministry of Natural Resources and Environment, Thailand</i></li> <li>• <b>Dr.PrinyaThaewanarumitkul</b> <i>President of the Sustainable University, Network of Thailand, Thailand</i></li> <li>• <b>Dr.Keith Alverson</b> <i>Director, UNEP-IETC, Osaka, Japan</i></li> <li>• <b>Mr. Erik Anderson</b> <i>Energy, Environment, Science and Technology, and Health Officer Economic Section, U.S. Embassy, Bangkok, Thailand</i></li> <li>• <b>Mr. Nobuyuki Konuma</b> <i>Deputy Director, Office for Promotion of Sound Material-Cycle Society, Environmental Regeneration and Material Cycles Bureau, Ministry of the Environment, Japan</i></li> </ul> <p><b>Discussion Points:</b></p> <ol style="list-style-type: none"> <li>1. <i>In the era of Fourth Industrial Revolution (Industry 4.0), the New Plastics Economy Global Commitment (2018) shows that many major public and private sector are increasingly advocating the benefits of circular economic model in closing the loop on plastics production through innovative reuse with technological interventions. What are the major gaps (in terms of policy, institutional, technological, and financial and data/information) in Asia-Pacific region in achieving the true potential of business and economic opportunities towards circular economic utilization of plastics waste?</i></li> </ol>	<p><b><u>Facilitator / Moderator:</u></b> <b>Prof. Karl Vrancken</b> <i>Research Manager Sustainable Materials VITO NV, Belgium</i></p> <p><b><u>Rapporteur:</u></b> <b>Dr. Sunil Herat</b> <i>Associate Professor, Griffith University, Australia</i></p>
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	<ol style="list-style-type: none"> <li>2. <i>How can full scale circular economic utilization of plastics waste contribute in achieving SDG 11 (sustainable cities and communities), SDG 12 (sustainable consumption and production), SDG 14 (life below water) and SDG 15 (life on land)?</i></li> <li>3. <i>What are the key enabling factors to achieve full scale utilization of plastics waste to prevent their open dumping and open burning, including dumping into oceans? To what extent countries have addressed – a) building market potential; b) engaging private sector; c) developing PPP models; and d) technology transfer – towards circular economic utilization of plastics waste?</i></li> <li>4. <i>How could we improve the availability of data, information, indicators, and build required knowledge-base (information, experts and institutions) in areas of plastics waste? How could we promote credible use of those information and knowledge-base towards sound management, including circular economic utilization, of plastics waste?</i></li> <li>5. <i>Many countries in Asia-Pacific region have banned the use of single use plastics. What critical lessons do they offer in moving towards circular economic applications for managing plastics waste?</i></li> <li>6. <i>What is the state of 3R technological interventions in addressing the growing problem of plastics waste management in the region?</i></li> <li>7. <i>Do existing financial arrangements for managing plastics waste achieve financial sustainability? If not, what are the suitable financial mechanisms that are viable for Asia-Pacific countries?</i></li> </ol>	
15:00-15:30	<p><b>COFFEE / TEA BREAK</b>  <b>Room:Foyer (2nd Floor)</b></p>	

15:30-17:00	<b>PLENARY SESSION 3</b> Sound material flow and accounting towards sufficiency economy	
<b>Room:</b> Royal Orchid Ballroom (2nd Floor)	<p><b>Background Presentation (1):</b> Need for sound material flow analysis towards sufficiency economy (8 min)  <b><i>Dr.HeinzSchandl</i></b>  <i>Senior Scientist, CSIRO, Australia</i></p> <p><b>Background Presentation (2):</b> Transboundary movement of recyclable resources: Current management system and practices in Asia-Pacific (8 min)  <b><i>Mr. Michikazu Kojima</i></b>  <i>Senior Economist, Economic Research Institute for ASEAN and East Asia</i></p> <p><b>Presentation (3):</b> Reuse and recycling of e-waste towards resource security and sufficiency economy(8 min)  <b><i>Ms. Aditi Ramola</i></b>  <i>International Solid Waste Association (ISWA)</i></p> <p><b>Presentation (4):</b> Lessons from Global Materials Resources Outlook to 2060 ~ What do they imply in the context of Circular Economy, Sufficiency Economy and SDGs? (8 min)  <b><i>Dr. Eva Bartekova</i></b>  <i>Environment and Economy Integration Division, The Organisation for Economic Co-operation and Development (OECD)</i></p> <p><b>Panel Discussion:</b>(66 min)</p> <ul style="list-style-type: none"> <li>• <b><i>Dr.Stefanos Fotiou</i></b>  <i>Director, United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP)</i></li> <li>• <b><i>Dr.Xianlai Zeng</i></b>  <i>Associate Professor, Tsinghua University, Beijing, P.R.China and</i>  <i>Visiting Fellow in Yale University, USA</i></li> <li>• <b><i>Mr. Kongsak Dokbua</i></b>  <i>Vice President, Plastics Institute, Thailand</i></li> </ul> <p><b>Discussion Points:</b></p>	<p><b><u>Session Chair:</u></b>  <b><i>Dr.SupatWang wongwattana</i></b>  <i>Senior Advisor to Pollution Control Committee, Thailand</i></p> <p><b><u>Facilitator / Moderator:</u></b>  <b><i>Dr.Venkatachalam Anbumozhi</i></b>  <i>Senior Energy Economist Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia</i></p> <p><b><u>Rapporteur:</u></b>  <b><i>Prof. Anthony Shun Fung Chiu</i></b>  <i>De La Salle University, the Philippines</i></p>

	<ol style="list-style-type: none"> <li>1. <i>Achieving the 2030 Agenda for Sustainable Development and the SDGs will require increasing economic efficiency and material wealth being integrated with social and environmental objectives to preserve the capital base of our economies and societies for future generations. To this regard, what are the most promising policy uses of sound material flow and accounting?</i></li> <li>2. <i>To what extent can sound material flow and accounting provide a basis for policy relevant, analytically sound and measurable indicators to circular economic development and sufficiency economy?</i></li> <li>3. <i>In order to realize a sound material cycle society internationally, the appropriate management of transboundary movement of wastes in each country is necessary. How can countries build effective international cooperation in achieving sound management of transboundary movement of recyclables and wastes (in line with the provisions under the Basel Convention)?</i></li> <li>4. <i>How can we develop effective collaborative government-industry-academia partnerships (both national and international) to strengthen basic data and information base, sound material flows, material and waste accounting to achieve circular economic development and sufficiency economy (SEP)?</i></li> </ol>	
19:00-21:00	<p><b>WELCOME RECEPTION</b>  <b>Hosted By</b>  Ministry of Natural Resources and Environment, Thailand  <b>Venue:</b> Royal Orchid Ballroom (2nd Floor)</p>	
<p><b>DAY 2</b>   <b>5 March 2019 (Tuesday)</b></p>		
<p><b>Programme</b></p>		

<b>Time / Room</b>		
08:40-09:00  <b>Room:</b> Royal Orchid Ballroom (2nd Floor)	<b>Keynote Address (3)</b>  <i>by Prof Hidetoshi Nishimura</i> <i>President of Economic Research Institute for ASEAN and EAST Asia (ERIA)</i>	
09:00-10:30	<b>PLENARY SESSION 4</b> Technology as a driver for clean energy and green industry towards sufficiency economy ~ Implications towards SDG 7, SDG 9 & SDG 12	
<b>Room:</b> Royal Orchid Ballroom (2nd Floor)	<p><b>Background Presentation (1):</b> Greening SMEs as the basis for moving towards circular economy and sufficiency economy(8 min)  <i>Dr.Venkatachalam Anbumozhi</i>  <i>Senior Energy Economist</i>  <i>Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia</i></p> <p><b>Presentation (2):</b> Bio-energy technology towards circular economy ~ Case of Japan (8 min)  <i>Mr. Kazushige Endo</i>  <i>Director, United Nations Centre for Regional Development, Japan</i></p> <p><b>Presentation (3):</b> Resource efficiency and productivity of SMEs towards SDGs (8 min) (tbc)  <i>Name</i>  <i>DSDG / UN DESA(tbc)</i></p> <p><b>Presentation (4):</b> Greening SMEs ~ Case of Thailand (8 min)  <i>Mr. Kitiphan Taparugssanagorn</i>  <i>Director of Clean Technology Unit, Department of Industrial Works, Ministry of Industry, Thailand</i></p> <p><b>Panel Discussion:</b> (58 min)  <ul style="list-style-type: none"> <li>• <i>Mr. Shah Zaman Maiwandi</i></li> </ul> </p>	<p><b><u>Session Chair:</u></b>  <i>H.E. Mr. Nurul Majid Mahmud Humayun,</i>  <i>Member of Parliament,</i>  <i>Minister,</i>  <i>Ministry of Industries,</i>  <i>Bangladesh</i></p> <p><b><u>Facilitator / Moderator:</u></b>  <i>Dr.Stefanos Fotiou</i>  <i>Director,</i>  <i>United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP)</i></p> <p><b><u>Rapporteur:</u></b>  <i>Mr. K.D. Bhardwaj</i></p>

	<p><i>Director General, National Environmental Protection Agency (NEPA), Afghanistan</i></p> <ul style="list-style-type: none"> <li>• <b>Ms. TarnTipSettacharnwit</b> <i>Chief of Waste to Energy Group, Department of Alternative Energy Development and Efficiency, Bangkok, Thailand</i></li> <li>• <b>Mrs. Olga Golub</b> <i>Head of Division, Ministry of Industry and Trade, the Russian Federation</i></li> <li>• <b>Mr. Stein Hansen</b>, <i>United Nations Industrial Development Organization (UNIDO)</i></li> <li>• <b>Mr. Mimpei Ito</b> <i>Director, Global Environment Department, Japan International Cooperation Agency (JICA)</i></li> </ul> <p><b>Discussion Points:</b></p> <ol style="list-style-type: none"> <li>1. <i>The supply security of natural resources, raw materials and minerals, freshwater resources and renewable energy sources (waste-to-energy, solar, etc.) is not only key to the sustainability of Asia-Pacific, but also crucial for achieving the SDGs. What role could various 3R technologies play in this regard?</i></li> <li>2. <i>Circular economy not only aims to reduce the environmental externalities of an industry, but also aims to reduce energy losses in “closing the loop”. What type of measures the countries should effectively consider in implementing 3R and circular economy towards more efficient industrial system?</i></li> <li>3. <i>Private sector can play a crucial role in 3R technology innovation and financing for implementing clean energy projects. What are the enabling factors that can attract private sector towards clean energy projects?</i></li> <li>4. <i>Required financial and technical capacity and high upfront costs are critical challenges for SMEs. Taking into account these constraints, how can governments assist the SMEs to integrate 3R and resource efficiency in their operations and supply chain? What should be defining features of the government policy</i></li> </ol>	<p><i>Director-Environment and International Services, National Productivity Council, India</i></p>
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	<p><i>(institutional, financial technological and partnership) of greening the SMEs towards sustainable industrialization, fostering innovation and pollution reduction, thereby achieving SDG 9 (sustainable industrialization) and SDG 12 (sustainable consumption and production)?</i></p> <p>5. <i>What are the key enablers to promote multi-layers (government-to-business, business-to-business, and industry-to-industry) partnerships in greening the industrial operations and supply chain? What critical lessons do the Japanese and Chinese cases provide in terms of greening the SMEs?</i></p> <p>6. <i>What defining role can the consumer behavior play in driving the greening of industry sector?</i></p>	
10:30-11:00	<p><b>COFFEE/TEA BREAK</b>  <b>Room:Foyer (2nd Floor)</b></p>	
11:00-13:00	<p><b>PLENARY SESSION 5</b>  <b>Roundtable Dialogue</b>  Public-Private-Partnership (PPP) to Advance 3R in Asia and the Pacific ~ International Partnership for Expanding Waste Management Services of Local Authorities (IPLA)-a SDG Partnership (For detail guidelines, please see page 25-26)</p>	
<b>Room:Royal Orchid Ballroom (2nd Floor)</b>	<p>This rotational, interactive session will feature public-private dialogues and exchanges in order to explore various partnerships and sustainable business opportunities in 3R areas.</p> <p>The government representatives will have opportunities to share their specific issues, needs and requirements, including possible investment and PPP opportunities. The private sector representatives will be able to showcase their experience, expertise and technical knowhow in various areas of 3R and waste management.</p>	<p><b><u>Session Chair:</u></b>  <b>Mrs. Olga Golub</b>  Head of Division,  Ministry of Industry and Trade, the Russian Federation</p>

	<p>Each private sector representative will have approximately 5 minutes with each country delegate and rotate through all the countries represented.</p> <p>This section is organized in line with the objectives of International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) - a SDG Partnership under the 2030 Agenda for Sustainable Development.</p> <p>(Please see detailed programme on page-25)</p> <p><b>Open Discussion:</b> (60 min)</p>	<p><b><u>Facilitator / Moderator:</u></b> <i>Dr. Sunil Herat</i> Associate Professor, Griffith University, Australia</p> <p><b><i>Mr. Vladimir Maryev</i></b> Director, International Centre for the Best Environmental Technologies, the Russian Federation</p> <p><b><u>Rapporteur:</u></b> <b><i>Prof. Sadhan Kumar Ghosh,</i></b> ISWMAW, India</p>
13:00-14:00	<p><b>NETWORKING LUNCH BREAK</b> <b>Room:</b> Riverside Grill(VIP)(1st Floor) Giorgio's (1st Floor) Mezzanine Lounge (1st Floor)</p>	
14:00-16:00	<p><b>COUNTRY BREAKOUT SESSIONS ~ Country Major Achievements and Initiatives on Implementation of Ha Noi 3R Declaration (2013-2023)</b></p>	
<p><b>Room:</b> Riverside 4 (2nd Floor)</p>	<p><b>Country Breakout Group 1</b></p> <p><b>Country Presentations (5 min maximum):</b> <b>PR China, Bangladesh, India, Indonesia, Kiribati, Cook Islands, Samoa, Thailand, Australia, the Philippines, Sri Lanka</b></p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i></p>	<p><b><u>Session Chair:</u></b> <b><i>Mr. Vaughan Levitzke</i></b> Chief Executive, Green Industries</p>

	<p><i>(a) major achievements/new initiatives in 3R areas;</i>  <i>(b) critical challenges faced; and</i>  <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p><b>Open Discussion</b>  The open discussion will link to SDG 12</p>	<p>South Australia, Australia</p> <p><b><u>Facilitator / Moderator:</u>Dr. Sunil Herat</b>  Associate Professor, Griffith University, Australia</p> <p><b><u>Rapporteur:</u> Mr. Hemant Chaudhary</b>  Founder and Executive Director, Circular Economy Alliance, Australia</p>
<p><b>Room:</b>  Penesea 1  (1st Floor)</p>	<p><b>Country Breakout Group 2</b></p> <p><b>Country Presentations (5 min maximum):</b>  <b>Japan, Malaysia, Myanmar, Mongolia, Palau, Solomon Islands, Tuvalu, Papua New Guinea, Federated States of Micronesia, Nauru, Viet Nam</b></p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i>  <i>(a) major achievements/new initiatives in 3R areas;</i>  <i>(b) critical challenges faced; and</i>  <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p><b>Open Discussion</b>  The open discussion will link to SDG 12</p>	<p><b><u>Session Chair:</u> H.E. Mr. Namoliki Neemia</b>, Minister, Ministry of Home Affairs and Rural Development, Tuvalu</p> <p><b><u>Facilitator / Moderator:</u> Prof. Pariatam by Agamuthu</b>  University of Malaya, Malaysia</p> <p><b><u>Rapporteur:</u> Mr. Makoto Tsukiji</b></p>



		<i>Japan Society of Material Cycles and Waste Management (JSMCWM)</i>
<b>Room:</b> Penesea 2 (1st Floor)	<p><b>Country Breakout Group 3</b></p> <p><b>Country Presentations (5 min maximum):</b> <b>Afghanistan, Cambodia, Lao PDR, The Republic of Korea, Tonga, Vanuatu, Brunei Darussalam, Fiji, Commonwealth of the Northern Mariana Island, Mauritius</b></p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i> <i>(a) major achievements/new initiatives in 3R areas;</i> <i>(b) critical challenges faced; and</i> <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p><b>Open Discussion</b> The open discussion will link to SDG 12</p>	<p><b><u>Session Chair:</u></b> <b><i>H.E.Mr.Schah Zaman Maiwandi</i></b> <i>Director General, National Environmental Protection Agency (NEPA), Afghanistan</i></p> <p><b><u>Facilitator / Moderator:</u></b> <b><i>Dr. Venkatachalam Anbumozhi</i></b> <i>Senior Energy Economist Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia (abc)</i></p> <p><b><u>Rapporteur:</u></b> <b><i>Mr. Michikazu Kojima</i></b> <i>Senior Economist, Economic Research Institute for ASEAN and East Asia</i></p>
<b>Room:</b>	<b>Country Breakout Group 4</b>	<b><u>Session Chair:</u></b>

Panesea3(1st Floor)	<p><b>Country Presentations (5 min maximum):</b>  <b>Bhutan, Maldives, Republic of the Marshall Islands, Nepal, Pakistan, Singapore, Timor-Leste, New Zealand, Niue, Tokelau, the Russian Federation</b></p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i>  <i>(a) major achievements/new initiatives in 3R areas;</i>  <i>(b) critical challenges faced; and</i>  <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p><b>Open Discussion</b>  The open discussion will link to SDG 12</p>	<p><b>H.E. Mr. Hussain Rasheed Hassan</b>  Minister,  Ministry of Environment and Energy,  Maldives</p> <p><b><u>Facilitator / Moderator:</u></b>  <b>Mr. A. Ram Bhaskar</b>  Director General,  National Environmental Agency,  Singapore</p> <p><b><u>Rapporteur:</u></b>  <b>Ms. Adeline Leong</b>  Senior Manager,  National Environmental Agency,  Singapore</p>
16:00-16:30	<b>COFFEE/TEA BREAK</b> <b>Room:Foyer (2nd Floor)</b>	
16:30-17:45	<b>REPORTING BACK SESSION</b>	
Room:Royal Orchid	<ul style="list-style-type: none"> <li>● Reporting back of Country Breakout Group 1 (5 min)  <b>Mr. Hemant Chaudhary</b>  <i>Founder and Executive Director, Circular Economy Alliance, Australia</i></li> <li>● Reporting back of Country Breakout Group 2 (5 min)  <b>Mr. Makoto Tsukiji</b></li> </ul>	<p><b><u>Session Chair:</u></b>  <b>Mr. Ahmed Murthaza</b>  Director General, Waste Management</p>

<p>Ballroom (2nd Floor)</p>	<p><i>Japan Society of Material Cycles and Waste Management (JSMCWM)</i></p> <ul style="list-style-type: none"> <li>● Reporting back of Country Breakout Group 3 (5 min) <b>Mr. Michikazu Kojima</b> <i>Senior Economist, Economic Research Institute for ASEAN and East Asia</i></li> <li>● Reporting back of Country Breakout Group 4 (5 min) <b>Ms. Adeline Leong</b> <i>Senior Manager, National Environmental Agency, Singapore</i></li> <li>● Reporting back of Parallel-event-3R Citizens Forum “Creating Sustainable Lifestyle and Sustainable Community through 3Rs to achieve SDGs” (5 min) <b>Ms. Yuko Sakita</b> <i>Co-chairperson, Asia 3R Citizens Network</i></li> <li>● Reporting back of Pre-event- 8th International Conference on Sustainable Waste Management (8th IconSWM 2018) (10 min) <b>Prof. Sadhan Kumar Ghosh</b> <i>International Society of Waste Management, Air and Water (ISWMAW), India</i></li> <li>● Reporting back of Pre-event- 3R International Scientific Conference on Material Cycles and Waste Management (5th 3RINCs 2019) (10 min) <b>Prof. Shinichi Sakai</b> <i>Environment Preservation Research Centre, Kyoto University, Japan and</i> <b>Mr. Makoto Tsukiji</b> <i>Japan Society of Material Cycles and Waste Management (JSMCWM)</i></li> </ul>	<p><i>and Pollution Control Department, Ministry of Environment and Energy, Maldives</i></p> <p><b><u>Facilitator/</u></b> <b><u>Moderator:</u></b> <b>Mr. Vladimir Maryev</b> <i>International Centre for the Best Environmental Technologies, the Russian Federation</i></p> <p><b><u>Rapporteur:</u></b> <b>Mr. Makoto Tsukiji</b> <i>Japan Society of Material Cycles and Waste Management (JSMCWM)</i></p>
<p>18:30-21:00</p>	<p style="text-align: center;"><b>NETWORKING RECEPTION</b> <b>Hosted By</b> Ministry of Natural Resources and Environment, Thailand <b>Venue:</b> Riverside Terrace (Ground Floor)</p> <p style="text-align: center;"><i>Signing of the Indore 3R Declaration of Asian Mayors on Achieving Clean Water, Clean Land and Clean Air in Cities</i></p>	

	(Please see detailed programme on page-30)
<b>DAY 3</b> <b>6 March 2019 (Wednesday)</b>	
<b>Time / Room</b>	<b>Programme</b>
08:00-08:30	<b>Keynote Address (4)</b> The Road to the Development of Circular Economy – Jieshou Model <i>by Mr. He Fengyang</i> Mayor of Jieshou city, Anhui Province, P.R. China
08:30-10:00	<b>PLENARY SESSION 6</b> Leadership Programme for Senior Policy Makers on Circular Economy  <i>Co-organized by: UNCRD, G-STIC, Green Industries South Australia, MOEJ and MONRE-Thailand</i>
<p><b><u>6 (A): Leadership Dialogue 1</u></b></p> <p><b>Room:</b> Royal Orchid Ballroom (2nd Floor)</p> <p><b><u>Session Chair:</u></b> <i>H.E. Mr. Hussain Rasheed Hassan, Minister, Ministry of Environment and Energy, Maldives</i></p> <p><b><u>Facilitator/ Moderator:</u></b> <i>Dr. Heinz Schandl, Senior Scientist, CSIRO, Australia</i></p> <p><b><u>Rapporteur:</u></b> <i>Dr. Sunil Herat, Associate Professor, Griffith University, Australia</i></p>	<p><b><u>6 (B): Leadership Dialogue 2</u></b></p> <p><b>Room:</b> Pompadour (2nd Floor)</p> <p><b><u>Session Chair:</u></b> <i>Mr. Rohit Kumar, Joint Secretary, Ministry of Rural Development, India</i></p> <p><b><u>Facilitator/ Moderator:</u></b> <i>Prof. Sadhan Kumar Ghosh, ISWMAW, India</i></p> <p><b><u>Rapporteur:</u></b> <i>Mr. K.D. Bhardwaj, Director-Environment and International Services, National Productivity Council, India</i></p>

<p><b>Presentation (1):</b> Promoting Circular Economy through Regional 3R Forum in Asia-Pacific (8 min)</p> <p><b>Mr. Choudhury RudraCharanMohanty,</b> <i>Environment Programme Coordinator, UNCRD</i></p> <p><b>Presentation(2):</b> Transitioning to Circular Economy through Industry 4.0 (8 min)</p> <p><b>Prof. Karl Vrancken</b> <i>Research Manager Sustainable Materials VITO NV, Belgium</i></p> <p><b>Presentation (3):</b> Global Leadership programme on Circular Economy- Initiative of Green Industries South Australia (8 min)</p> <p><b>Mr. Vaughan Levitzke</b> <i>Chief Executive, Green Industries South Australia, Australia</i> <i>and</i> <b>Mr. Hemant Chaudhary</b> <i>Founder and Executive Director, Circular Economy Alliance, Australia</i></p> <p><b>Presentation (4):</b> Implementation of circular economy in Japan (8 min)</p> <p><b>Mr. Hideki Minamikawa</b> <i>President of Japan Environmental Sanitation Center (JESC), Japan</i></p> <p><b>Panel Discussion:</b> (58 min)</p> <ul style="list-style-type: none"> <li>• <b>H.E. Mr. Mohammad IshtiyaqRayi</b> <i>Minister, Ministry of Urban Development, Nepal</i></li> <li>• <b>H.E. Mr. Nurul Majid Mahmud Humayun,</b> <i>Member of Parliament, Minister, Ministry of Industries, Bangladesh</i></li> <li>• <b>Mr. Numpollimprasert</b></li> </ul>	<p><b>Presentation (1):</b> Promotion of Circular Economy- Japan`s case of Sound Material Cycle Society (8 min)</p> <p><b>Mr. ShigemotoKajihara</b> <i>President of Japan Waste Research Foundation, Japan</i></p> <p><b>Presentation (2):</b> Resource Recirculation Society towards Circular Economy ~ Case of Republic of Korea (8 min)</p> <p><b>Mr. Daejun Kang</b> <i>Deputy Director, Ministry of Environment, Republic of Korea</i></p> <p><b>Presentation (3):</b> Resource Efficiency towards Circular Economy – Case of Thailand (8 min)</p> <p><b>Mrs. WarawanTippawanich</b> <i>Senior Vice President of Corporate Affairs, PTT Global Chemical Public Company Limited, Thailand</i></p> <p><b>Panel Discussion:</b> (66 min)</p> <ul style="list-style-type: none"> <li>• <b>Prof.Dr.TharesSrisatit</b> <i>Senior Advisor to National Environmental Board, Thailand</i></li> <li>• <b>Mr. Binay Kumar Jha</b> <i>Director, Ministry of Housing and Urban Affairs, India</i></li> </ul>
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*Sustainable Development Director  
The Siam Cement Public Company  
Limited, Thailand*

**Discussion Points:**

1. *Should circular economy be a growth model for Asian economies for the 21st century?*
2. *What a strategic shift to circular economic development approach could offer countries in addressing the 2030 Agenda for Sustainable Development and other international agendas and agreements such as the New Urban Agenda, the Paris Climate Agreement, the Addis Ababa Action Agenda, and the Sendai Framework for Disaster Reduction?*
3. *How can we empower our cities to implement 3R and resource efficiency measures as an integral part of urban development strategies or city development plans?*
4. *Given that more than 70% of the global population are expected to live in cities and urban centers by 2050, how can we strengthen our scientific insights to the role of 3R and circular economy in protecting the urban ecosystem, thereby enhancing resilience of cities?*
5. *What integrated 3R and circular economy policy options and measures Asian cities should consider in achieving better synergy in their efforts towards clean water, clean land and clean air?*
6. *What are the emerging trends in 3R policy implementation across Asian countries? Which are the champion cases? What have been the enabling factors for such leaderships and achievements?*
7. *Is Asia-Pacific lagging behind Europe in advancing Fourth Industrial Revolution (Industry 4.0) towards transitioning to circular economy? What critical lessons we can draw from the G-STIC process, the Green Industry South Australia's Global Leadership Programme, Japan's Sound Material Cycle Society, Republic of Korea's Resource Recirculation Society, among others?*

8. <i>How can we create young leaders in the areas of circular economy innovation and new business models? What defining role local and national governments can play in this regard?</i>	
10:00-10:30	<b>COFFEE/TEA BREAK</b> <b>Room: Foyer (2nd Floor)</b>
10:30-12:30	<p><b>PLENARY SESSION 7</b> <b>Adoption of the Chair's Summary and Bangkok 3R Declaration</b></p> <p><i>Bangkok 3R Declaration Towards Prevention of Plastic Waste Pollution in Coastal and Marine Ecosystem through 3R (reduce, reuse, recycle) and Circular Economy</i></p>
Room: Royal Orchid Ballroom (2nd Floor)	<p><b><u>Chair:</u>Dr. Wijarn Simachaya</b>, <i>Permanent Secretary, Ministry of Natural Resources and Environment, Thailand</i></p> <p><b><u>Facilitator/ Moderator:</u> Mr. Choudhury Rudra Charan Mohanty</b>, <i>Environment Programme Coordinator, UNCRD</i> and <b>Mr. Pralong Dumrongthai</b>, <i>Director General of Pollution Control Department, Thailand</i></p> <p><b><u>Rapporteur:</u>Dr. Kulwant Singh</b>, <i>CEO, 3R Waste Foundation, India</i> and <b>Dr. Anupam Khajuria</b>, <i>Researcher, UNCRD</i></p>
12:30-13:00	<b>CLOSING SESSION</b>
Room: Royal Orchid Ballroom (2nd Floor)	<ul style="list-style-type: none"> <li>▪ <b>Handover Ceremony</b></li> <li>▪ <b>Closing Remarks</b> <ul style="list-style-type: none"> <li>○ <b>Mr. Kazushige Endo</b> <i>Director, United Nations Centre for Regional Development (UNCRD)</i></li> <li>○ <b>Mr. Yasuo Takahashi</b> <i>Vice-Minister for Global Environmental Affairs, Ministry of the Environment, Japan (MOEJ)</i></li> <li>○ <b>H.E. General Surasak Karnjanarat</b></li> </ul> </li> </ul>

	<i>Hon. Minister, Minister of Natural Resources and Environment, Thailand</i>
13:00-14:00	<p align="center"><b>NETWORKING LUNCH BREAK</b>  <b>Room:</b>Riverside Grill(VIP) (1st Floor)  Giorgio's (1st Floor)  Mezzanine Lounge (1st Floor)</p>
14:00-18:00	<p align="center"><b>TECHINICAL FIELD VISIT</b></p> <p align="center">Route 1 Eastern Energy Plus Co., Ltd</p> <p align="center">Route 2 Forest in the City</p> <p align="center">Route 3 Wat PhraKaew (The Emerald Buddha)</p>
19:00-21:00	<p align="center"><b>FAREWELL RECEPTION</b>  <b>Hosted By</b>  Ministry of Natural Resources and Environment, Thailand  <b>Venue:</b>Ballroom 2+3 (2nd Floor)</p>



<b>DAY 2: 5 March, 2019 (Tuesday)</b>		
<b>Time / Room</b>	<b>Programme</b>	
14:00-18:00	<p><b>Parallel-Event</b></p> <p>The Second Phase of State of the 3Rs in Asia and the Pacific  <i>Co-organized by: UNCRD and MOEJ (tbc)</i></p> <p><b>Governmental Consultation on  the “DRAFT State of Plastics Waste in Asia and the Pacific  - Issues, Challenges and Circular Economic Opportunities - ”</b></p> <p>5 March, 2019  14:00 – 18:00</p> <p>Room: Pompadour (2nd Floor)</p>	
<b>Room:</b> Pompadour (2nd Floor)	<p><b>Governmental Consultation on the “DRAFT State of Plastics Waste in Asia and the Pacific - Issues, Challenges and Circular Economic Opportunities”</b></p> <p>1) Welcome remark from the Session Chair, Mr. ShigemotoKajihara (3~4 mins)  2) Session Guide from Moderator, Mr. Choudhury RudraCharanMohanty  3) Over view from the Author of the Report, Mr. Amit Jain (30 mins)  4) Government Consultation and Experts’ Suggestion on the draft “State of Plastics Waste in Asia and the Pacific - Issues, Challenges and Circular Economic Opportunities”(approx. 2 hours 30 mins)  5) Discussion summaries by the Moderator (10~15 mins)  6) Closing Remarks by the Chair (4~5 mins)</p>	<p>For more information, please refer Annex (Page 27)</p>

## **Guidelines for Roundtable Dialogue: Public-Private-Partnership to Advance 3R in Asia and the Pacific (PLENARY SESSION 5)**

Date: 5 March 2019 / Tuesday (Day 2)

Time: 11:00-13:00

Venue: Royal Orchid Ballroom (2nd Floor)

The objective of this Government and Private Sector Roundtable is to advance 3R in Asia and the Pacific region by promoting public-private-partnerships (PPPs) and private investments in waste management sector. The Roundtable is organized in line with the objectives of International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) - a SDG Partnership under the 2030 Agenda for Sustainable Development. <http://www.uncrd.or.jp/index.php?menu=378>

IPLA is a dynamic interface between government authorities and private sector and complements the objectives of the Regional 3R Forum in Asia and the Pacific. IPLA is governed with the basic understanding that –

- ✓ Partnerships offer alternatives in which governments and private companies assume co-responsibility and co-ownership for the delivery of waste management services. Waste disposal is expensive – financially and in lost resources (substantial inputs of labour, material, energy, land resources for land filling, etc.). Disposal of recyclables goes against the core principles of 3R as well as material and resource efficiency.
- ✓ Partnerships combine the advantages of the private sector (dynamism, access to financial resources and latest technologies, managerial efficiency, and entrepreneurial spirit, etc.) with social concerns and responsibility of the public sector (public health and better life, environmental awareness, local knowledge and job creation, etc).
- ✓ Partnerships (PPP) are indispensable for creating and financing adaptation measures towards resilient cities which in turn are more attractive for private investments. A resilient city and community enhance confidence of private sector for possible investments.
- ✓ Partnerships provide win-win solutions both for the public utilities and private sector— if duly supported by appropriate policy frameworks. Such partnerships could lead to savings in municipal budgets where waste management usually consumes a large portion. The private sector, on the other hand, may use this opportunity to convert waste into environmentally friendly products and energy that could also serve as income generating opportunities.

In order to have an interactive and productive roundtable dialogues between the government and private sector representatives to explore various partnership, investment and sustainable business opportunities in 3R and waste management areas, the following guidelines could be followed. Each private sector representative will have approximately 5 mins to interact with a country delegate before moving to the second country delegate in a systematic rotational order. We are expecting to have the participation of 39 countries and 28 private companies.

#### Guidelines for Government Representatives:

1. Please briefly introduce specific waste issues or major projects in pipeline highlighting possible opportunities for PPP and investment; also highlight financial and technological constraints currently faced with, and what type of measures or solutions the government is looking for.
2. It would be very helpful and time saving if each participating country could prepare one page information sheet (approximately 30 copies) in advance to share the above with the private sector representatives.

#### Guidelines for Private Sector Representatives:

1. Please prepare enough copies (approximately 40 sets) of information sheets or company brochures highlighting – (a) specific expertise and technical knowhow; (b) range of waste management services; (c) national and international PPP experiences.
2. Please prepare enough business cards with contact details.
3. Any other materials that would serve as useful reference materials for the countries.

## **Parallel-Event**

The Second Phase of State of the 3Rs in Asia and the Pacific  
*Co-organized by: UNCRD and MOEJ (tbc)*

**Governmental Consultation on  
the “DRAFT State of Plastics Waste in Asia and the Pacific  
- Issues, Challenges and Circular Economic Opportunities - ”**

5 March, 2019  
14:00 – 18:00

Room: Pompadour (2nd Floor)

**Report Author:**

*Mr. Amit Jain*

**Session Chair:**

*Mr. Shigemoto Kajihara*

*Former Vice Minister, Ministry of the Environment, Japan*

**Facilitator / Moderator:**

*Mr. Choudhury RudraCharanMohanty, Environment Programme Coordinator, UNCRD*

**Rapporteurs:**

*Prof. Sadhan Kumar Ghosh, ISWMAW, India and*

*Prof. Anthony Shun Fung Chiu, De La Salle University, the Philippines*

The first State of the 3Rs in Asia and the Pacific was launched at the 8th Regional 3R Forum in India, 9-12 April 2018 as a synthesized report in covering eleven Asian countries and the Pacific. The problems on the plastic waste was also discussed in the 8th Regional 3R Forum to achieve Clean Land, Clean Water and Clean Air in Cities in Asia and the Pacific. With the increasing international concerns on this emerging issues in plastic waste management, a thematic report, “State of Plastics Waste in Asia and the-Pacific - Issues, Challenges and Circular Economic Opportunities -”, will be disseminated by UNCRD to discuss possible measures in the 9<sup>th</sup> Regional 3R Forum in Asia and the Pacific and beyond.

- **PART B: Status of Plastic Waste** (50 min+10min break)
- **PART C: Plastic Pollution and its Impact** (50 min+10min break)
- **PART D: Major Policy initiatives and Reponses** (50 min+10min break)
- **PART A: Material Cycle of Plastic** (20 min)
- **Way Forward** (20 min)

**Comments/Inputs by Government Representatives/Individual Expert:**

Government Representatives

- *Ministry for Industries of Bangladesh (tbc)*
- **Mr. MengEangTaing**  
*Director, Ministry of Environment, Cambodia*
- **Mr. K.D. Bhardwaj**  
*Director- Environment and International Services, National Productivity Council, India*
- **Dr. Haruki, Agustina**  
*Deputy Director, Ministry of Environment and Forestry, Indonesia*
- **Mr. Nobuyuki Konuma**  
*Deputy Director of Office for Promotion of Sound Material-Cycle Society, Ministry of the Environment, Japan*
- **Ms. Ma. Victoria V. Abrera**  
*Regional Director, Department of Environment & Natural Resources, the Philippines*
- **Prof. The Chinh Nguyen**  
*Director General, Institute of Strategy and Policy on Natural Resources and Environment, Viet Nam*
- **Mr. Ali Shinan,**  
*Director, Ministry of Tourism, Maldives or Ministry of Environment and Energy, Maldives(tbc)*
- **Mr. ThinleyDorji**  
*Chief Environment Officer, National Environment Commission, Bhutan (tbc)*
- **Mr. SirisamphanhVorachit**  
*Director General, Ministry of Industry & Commerce, Lao PDR*

- **Mr. Krishna Prasad**  
*Joint Secretary, Ministry of Urban Development, Nepal*
- **H.E. Mr. M. Appuhamilage Kapila Ajith Kumara**  
*Deputy Minister, Ministry of Mahaweli Development and Environment, Sri Lanka (tbc)*
- **Mr. Paula Pouvalu Mau**  
*Chief Executive Officer, Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change & Communications, Tonga*
- **Mr. Walter Pulogo**  
*Acting Director, Ministry of Home Affairs and Rural Development, Tuvalu (tbc)*
- **Mr. Afele Faiilagi**  
*Ministry for Natural Resources and Environment, Samoa*
- **Mr. Pralong Dumrongthai**  
*Director General, Ministry of Natural Resources and Environment, Thailand*
- **Mrs. Olaga Golub**  
*Head of Division, Ministry of Industry and Trade, or Ministry of Natural Resources and Environment, the Russia Federation*
- *National Environment Agency, Singapore (tbc)*

#### Experts

- **Dr. Abas Basir**  
*Director General, South Asia Co-operative Environment Programme (SACEP), Sri Lanka*
- **Mr. Haifeng Lyu**  
*Secretary General, Global Forum on Human Settlements (GFHS), P.R. China*
- **Dr. Vicki Hall**  
*Director, Waste Management and Pollution Control, Secretariat of the Pacific Regional Environment Programme (SPREP), Apia, Samoa*
- **Mr. Naoya Tsukamoto**  
*Director, AIT RRCAP*
- **Ms. Sandra M Mazo-Nix**  
*Coordinator- Waste Initiative, CCAC*
- **Prof. Karl Vrancken**  
*Research Manager Sustainable Materials  
VITO NV, Belgium*
- **Dr. Heinz Schandl**  
*Senior Scientist, CSIRO, Australia*
- **Mr. Kazunobu Onogawa**  
*Senior Fellow, Institute for Global Environmental Strategies (IGES)*
- **Prof. Shinichi Sakai**  
*Environment Preservation Research Centre, Kyoto University, Japan (tbc)*
- **Dr. Vijaya Lakshmi Koneru**

*Vice President, Development Alternatives, eco-solutions for people and the planet,  
India (tbc)*

***Signing of the Indore 3R Declaration of Asian Mayors on  
Achieving Clean Water, Clean Land and Clean Air in Cities***

**NETWORKING RECEPTION**

Hosted By

Ministry of Natural Resources and Environment, Thailand

**Venue:** Riverside Terrace (2nd Floor)

**Date:** 5 March 2019 / Time: 18:30-21:00

Provisional Programme

Session Chair: Hon. Governor of Bangkok Metropolitan Authority (BMA) or designated representative of BMA, Thailand

Facilitator/ Moderator: Mr. Choudhury RudraCharanMohanty, Environment Programme Coordinator, UNCRD – DSDG/UN DESA

Agenda items:

- 1) Opening Remarks by Hon. Governor of Bangkok Metropolitan Authority (BMA) or his designated representative or by representative of MONRE-Thailand (5 mins)
- 2) Brief Introduction of the Indore 3R Declaration – C.R.C. Mohanty, UNCRD (10 mins)
- 3) Signing of the Indore 3R Declaration by Hon. Governor of BMA or designated representative of BMA
- 3) Signing of the Indore 3R Declaration by participating Asian Mayors/City Authorities
- 4) Group photo of the Mayors/City Authorities (on stage)
- 5) Concluding Remarks by Hon. Governor of BMA or designated representative of BMA (3 mins)
- 6) Networking Reception hosted by the Ministry of Natural Resources and Environment, Thailand