

# **PROGRAMME BOOK**

## **COMBATING THE URBAN CLIMATE CHANGE IN SOUTH EAST ASIA**

### **TOWARDS IMPLEMENTATION OF NEW URBAN AGENDA**



**07 – 09 DECEMBER 2019**

**DEWAN MEGAPURI, LEVEL 30, TOWER 1,  
DEWAN BANDARAYA KUALA LUMPUR**

IN COLLABORATION WITH :

SUPPORTED BY :



# KLUTC

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# 2019

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## PROGRAMME OVERVIEW

KL URBAN THINKERS CAMPUS DAY 1 (7 DECEMBER 2019) “Identifying the challenges to move towards “Urban Climate Change Resilience”	
TIME (MYT)	PROGRAMME
08.00 - 09.30	<b>REGISTRATION &amp; WELCOMING DRINKS</b>  <b>OPENING</b> Welcome, keynotes and Agenda Setting
09.30 - 10.05	<b>TECHNICAL BRIEFING</b> to Moderators, Speakers and Panel Members
10.05 - 10.15	<b>WELCOME REMARKS</b> <i>Prof. Dato' Ir. Dr. Othman A. Karim</i> <i>Deputy Vice-Chancellor of the National University of Malaysia (UKM)</i>
10.15 - 11.15	<b>KEYNOTES AND LAUNCHED</b> <i>YBhg. Datuk Dr. Mary Wong Lai Lin</i> <i>Deputy Secretary General (Policy), Ministry of Urban Wellbeing, Housing &amp; Local Government (KPKT)</i>  <b>TOKEN OF APPRECIATION</b> from UKM to KPKT and DBKL  <b>PHOTO SESSION</b>
11.15 - 11.30	<b>COFFEE BREAK</b>
11.30 - 13.30	<b>URBAN LAB FORUM 1</b> <i>(Urban Planning/Design, Technical/Technological Challenges, Obstacles &amp; Gaps in Countermeasures to Urban Heat Island Effects)</i>  <b>KEY WORDS</b> Urban Heat Island Phenomenon, Urban Climate Change, Urban Planning and Design, Architecture, Infrastructure (Buildings, Energy and Mobility), Urban Health, Vulnerability of People, Areas and Infrastructures, Lifestyle and Citizen Behavior, Urban Technologies, Implementation Techniques and Equipments, Modeling and Simulation
13.30 - 14.30	<b>LUNCH BREAK</b>
14.30 - 16.30	<b>URBAN LAB FORUM 2</b> <i>(Urban Policy/Legislation, Urban Management/Governance &amp; Financing Mechanisms' Challenges, Obstacles &amp; Gaps in Countermeasures to Urban Heat Island Effects)</i>  <b>KEY WORDS</b> Urban Policy, Legislation, Urban Climate Risk Management, Urban Heat Island Effects, Urban Governance, Stakeholder Involvement, Public Participatory, Financing Mechanisms
16.30 - 17.00	<b>COFFEE BREAK</b>
17.00 - 18.30	<b>ROUND TABLE 1 AND CONCLUSION OF THE DAY</b>



## BACKGROUND

KL URBAN THINKERS CAMPUS DAY 2 (8 DECEMBER 2019) "Showcasing innovative and resilient solutions to tackle the challenges"	
TIME (MYT)	PROGRAMME
08.30 - 09.30	<b>REGISTRATION &amp; BREAKFAST</b>
09.30 - 09.40	<b>OPENING</b> by a host
09.40 - 11.40	<b>URBAN LAB FORUM 3</b> <i>Connecting Blue Networks and Urban Green Infrastructure for Adaptive and Resilient Urban Planning and Design</i>
11.40 - 12.10	<b>COFFEE BREAK</b>
12.10 - 14.10	<b>URBAN LAB FORUM 4</b> <i>Malaysia towards Urban Resilience: Technical and Socio-Economic Perspective</i>
14.10 - 15.10	<b>LUNCH BREAK</b>
15.10 - 17.10	<b>URBAN LAB FORUM 5</b> <i>Role of Science, Technology and Innovation in Managing Climate Change in Asian Megacities</i>
17.10 - 17.30	<b>COFFEE BREAK</b>
17.30 - 18.30	<b>ROUND TABLE 2 AND CONCLUSION OF THE DAY</b>

KL URBAN THINKERS CAMPUS DAY 3 (9 DECEMBER 2019) "Taking Action: comprehensive, innovative, replicable and action-oriented outcomes to enable SDGs/NUA Implementation in the region"	
TIME (MYT)	PROGRAMME
08.30 - 09.00	<b>REGISTRATION &amp; BREAKFAST</b>
09.00 - 10.30	<b>OPENING</b> by a host
	<b>KEYNOTE</b> <i>TPr Khairiah Mohd Talha, Honorary President, EAROPH &amp; Kuala Lumpur City Hall Advisory Board Member</i>
10.30 - 11.00	<b>COFFEE BREAK</b>
11.00 - 13.00	<b>URBAN LAB FORUM 6</b> <i>Towards an Action Plan and Road Map: Localizing SDGs regarding to Urban Climate Change for South-East Asian Cities</i>
13.00 - 13.30	<b>CONCLUDING REMARKS</b>
13.30 - 14.30	<b>LUNCH BREAK AND END OF PROGRAMME</b>

The Urban Thinkers Campus is an initiative of UN-Habitat conceived as an open space for critical exchange between urban researchers, professionals, civil society actors and decision-makers who believe that urbanization is an opportunity and can lead to positive urban transformations. It is also intended as a platform to build consensus between partners engaged in addressing urbanization challenges and proposing solutions to urban futures.

The first Urban Thinkers in Campus (UTC) was organized in October 2014 on the theme 'The City We Need', in October 2014, in the City of Caserta, Italy. Subsequently, the World Urban Campaign Steering Committee recommended that other Urban Thinkers Campuses be solicited in order to amplify the urban thinkers' movement towards Habitat III. From 29 June 2015 to 20 February 2016, a series of 26 Urban Thinkers Campuses have been organized around the framework of The City We Need 2.0. engaging 7,847 men and women from 124 countries and 2,137 organizations, representing fourteen constituent groups: Local and Subnational Authorities, Research and Academia, Civil Society Organizations, Grassroots Organizations, Women, Parliamentarians, Children and youth, Business and industries, Foundations and Philanthropies, Professionals, Trade Unions and Workers, Farmers, Indigenous people and the Media.

The recommendations made by the Urban Thinkers Campuses were then compiled and distilled by a Drafting Committee which concluded its work on 12 March 2016 to deliver The City We Need. This manifesto was then adopted unanimously by the World Urban Campaign Steering Committee on 16 March 2016 in Prague/Czech Republic, where they acknowledged the Urban Thinkers Campus as an unprecedented consensus-building process whereby everyone was given a voice through a decentralized model. The UTC process offers a structured model of participation in multiple locations, allowing people to contribute in a longer time frame while bringing to the table the specificities of different contexts. It builds on both global and local engagement, allows participation from diverse regions, at different times and in different types of sessions allowing dialogue, showcasing, experimentation and consensus building among structured constituent groups and following an agreed format and the same reporting framework for all UTCs.

At the 16th session in Quito (16 October 2016), the WUC Steering Committee recommended that a new series of Urban Thinkers Campuses be organized in order to continue engaging stakeholders in the post-Habitat III era. WUC Partners have endorsed a new generation of Urban Thinkers Campuses to be used as platforms for action bringing together all partners to implement the New Urban Agenda towards The City We Need.

On 15 November 2016, the WUC Secretariat opened an online call for proposals to host an Urban Thinkers Campus in 2017. Up to 10 February, the WUC Secretariat received 74 UTC applications, of which 16 came from the Africa region, 4 from Arab States, 20 from Latin America Countries, 15 from the Asia Pacific region, 13 from Europe and 5 from North America. All these 74 UTCs for 2017 were approved by the WUC Standing Committee, in 3 steps, with a final approval of all UTCs on 21 February 2017. Since the approval, a few changes have been made by some organizers, leading to a current total number of 73 UTCs.

## OBJECTIVE PROGRAMME

In 2017, 60 UTCs have taken place using a different approach and a format, driven to action. Those were driven by the following objectives, as defined in the 2.0 call for proposals:

- Continue to broaden and strengthen the engagement of urban stakeholders on the implementation of the New Urban Agenda;
- Define priorities and means of actions;
- Gather individual organizations commitments and agree to roles and responsibilities in the implementation of specific actions;
- Define action plans combining all priority actions and commitments of stakeholders engaged in the priority actions;
- Agree on an implementable road map with key milestones towards the implementation of priority actions to deliver the New Urban Agenda;
- Share commitments, action plans and road map publicly through WUC outreach channels (website, social media, email and others).

An analysis of UTC 2.0 and 3.0 reveals key trends and points out to gaps that need to be addressed in the future UTC rounds (see full analysis document upon request):

- Overall, strong regional gaps are in Central and Eastern Europe, North America and the Arab States, with a moderate gap in Asia Pacific;
- Main New Urban Agenda gap is 'Environmentally Sustainable and Resilient Urban Development';
- Main SDG gaps to be addressed are Water and Sanitation (Goal 6), Climate Action (Goal 13), Energy (Goal 7), Consumption and Production (Goal 12);
- Main The City We Need thematic gaps to be addressed are Finance, Education, Technology, Climate and Resilience, Monitoring and Evaluation.

Also, a few UTCs have direct links with UN-Habitat projects and initiatives, insufficiently connected with operational work and liaison with Regional Offices.

The main objective of the campus is to showcase the proposed urban solutions in a clear structured Road Map, Action Plan, Roles and Responsibilities, Commitments and Priority Actions to act as tools for New Urban Agenda (NUA) implementation.

Other objectives of the campus are:

1. To bring the phenomenon in the public eye;
2. To raise awareness regarding its effects on various aspects of life;
3. To involve different stakeholders in the whole process, recognize and brainstorm the main radical problems together;
4. To share new replicable and innovative ideas, approaches and models to cope with the challenges;
5. To gather the organizations commitments to implement the best actions tackling UHI;
6. To develop a mainstream action plan and enable it;
7. To achieve a road map to implement the action plan on the lines of NUA.

## COLLABORATION

1. Kuala Lumpur City Hall (DBKL) / <http://www.dbkl.gov.my>
2. URBANICE Malaysia / <http://www.urbanicemalaysia.com.my>
3. Institute for Environment & Development (LESTARI), The National University of Malaysia (UKM) / <http://www.ukm.my/lestari/en/>
4. Centre for Innovative Architecture and Built Environment, The National University of Malaysia (UKM) / <http://www.ukm.my/jurutera/>
5. Resilience Urban Planning + Development (RUPD) GbR / <https://www.rupd.d>

## FOREWORD BY DIRECTOR OF INSTITUTE OF CLIMATE CHANGE, UNIVERSITI KEBANGSAAN MALAYSIA



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Assalamualaikum Warahmatullahi Wabarakatuh, Peace be Upon You.

As the Director of the Institute of Climate Change (IPI), I would like to welcome all participants to the Urban Thinker Campus (UTC) 2019.

Dear Panel Members and Presenters,

Institute of Climate Change at the National University of Malaysia (UKM) very grateful for the opportunity to host an Urban Thinker Campus in Kuala Lumpur (KL) as one of the most important hubs and emerging cities in the South-East Asia. The concept of the campus is to target 'Urban Climate Change' issues, with special focus on the South-East Asia region and specifically the Malaysian case, by opening a platform for action driven discussions of the challenges among selected groups of experts, academic and implementing partners. The campus is an opportunity to explore the principles of the NUA to provide implementable urban solutions that are economically feasible, replicable and scalable using the urban transformation of KL city as a case study.

We hope this assembly of researchers in the fields of science and technology presenting their research findings will create opportunities for more research understanding and collaborations. Institute of Climate Change (IPI) has been actively involved in several programs of studies and research activities to seek and augment the desired knowledge and expertise in the fields of science and communication. Hence we hope this Urban Thinker Campus will generate more avenues from the collaborations with other researchers in this programme.

A warm congratulations to the organizing committee for hosting the Urban Thinker Campus 2019. My deepest appreciation also goes to our Keynote Speakers, Technical Co-Sponsor and all Supporters for their contribution to ensuring the success of this programme. Finally, to the presenters and panel members, thank you for your participation and I wish the programme all success. Thank you.

**PROF. DR. MOHD. NIZAM MOHD. SAID**  
Director  
Institute of Climate Change

## FOREWORD BY CHAIRMAN OF URBAN THINKER CAMPUS (UTC) 2019



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Assalamualaikum Warahmatullahi Wabarakatuh, Peace be Upon You.

Alhamdulillah, all praise be to Allah, the Most High for his Grace in facilitating the organization of this programme and giving us the ability to make this UTC programme a success.

Dear UTC Panel Members,

On behalf of the Institute of Climate Change, Universiti Kebangsaan Malaysia (UKM), and UTC committee members, we cordially welcome you to the Urban Thinker Campus on 07th- 09th of Disember 2019 at Kuala Lumpur City Hall (DBKL) Tower 1. This programme is co-organized with the Resilience Urban Planning+Development GbR Germany (RUPD GbR), URBANICE Malaysia, Eastern Regional Organisation for Planning and Human Settlements (EAROPH Malaysia) and DBKL with the full support from the Ministry of Housing and Local Government (KPKT). We are very pleased with the participation from various local and international scholars and officials as well as institutions of higher learning.

The UTC is an initiative by UN-Habitat conceived as an open platform for critical exchange between urban researchers, professionals, stakeholders, civil society actors and policy-makers who believed that urbanization is an opportunity that can lead to positive urban transformations. It is intended as a key-driver to build consensus between partner groups and stakeholders engaged in addressing urbanization challenges and proposing solutions to urban futures. The outcome of this program is expected to influence the policy formulation via improving our existing laws regarding property development to be aligned to SDG and New Urban Agenda, namely Act 172 and Act 133.

We wish to express our deepest gratitude and appreciation to the Universiti Kebangsaan Malaysia's management and staff for their support and the UTC committee members for their relentless effort to ensure the smooth organization of this programme. Our deepest appreciation also goes to the Keynote Speakers, Moderator, Supporters and Sponsors for their support towards this UTC programme. Last but not least, we would like to thank the presenters and panel members for the commitment and thank you for your participation

**ASSOC. PROF. SR.TS. DR. ADI IRFAN CHE ANI**  
Chair  
Urban Thinker Campus 2019



## STEERING COMMITTEE

Prof Madya Sr. Ts. Dr. Adi Irfan Bin Che Ani (UKM)  
TPr. Norliza Binti Hashim (URBANICE)  
Dr. Azmizam Bin Abdul Rashid (URBANICE)  
Prof Madya Dr. Ahmad Fariz Bin Mohamed (UKM)  
Ts. Dr. Haryanti Binti Mohd Affandi (UKM)  
Prof Madya Sr. Dr. Khairul Nizam Bin Abdul Maulud (UKM)  
Prof Madya Sr. Dr. Norngainy Binti Mohd Tawil (UKM)  
Sr. Dr. Suhana Binti Johar (UKM)  
Mr. Vincent Michael Patrick (URBANICE)

## ORGANISING COMMITTEE

**CHAIR :** Assoc. Prof Sr. Ts. Dr. Adi Irfan Che Ani  
**CO-CHAIR :** Assoc. Prof. Sr. Dr. Khairul Nizam Abdul Maulud  
**TREASURER :** Farhanah Md Isa  
Nor Haliza Binti Mahmood

### LOGISTIC

Mohd Roszaini Roslan  
Ahmad Tarmizi Mohd Azmi  
Mohd Sayuti Che Hamid  
Mohd Azlan Shah Jaafar

### BANQUET AND HOSPITALITY

Norzatul Ézzah Mohd Hasan  
Noor Hidayu Sukma Salleh  
Siti Aisyah Mohamed  
Nur Zaimah Abdul Wahid  
Afiqah Mohd Zaidi

### INVITATION AND REGISTRATIONS

Dr. Wan Shafrina Wan Mohd Jaafar  
Syarina Md Sah  
Azizah Ahmad  
Khairun Ayuni Mohd Jusoh  
Nurul Hajijah Mohd Hair  
Farhanah Md Isa

### IT AND PUBLISITY

Khirunnisa Mazelan  
Noor Shuhaira Rejab  
Mohd Azlan Shah Jaafar

## KEYNOTE 1



**Datuk Dr. Mary Wong Lai Lin**

Deputy Secretary General (Policy)  
Ministry of Housing and Local Government (KPKT)

YBhg. Datuk Dr. Mary Wong Lai Lin hold the position of Deputy Secretary General (Policy) in Ministry of Housing and Local Governments since 21 st August 2017. She was born in Selangor and has been in the Public Service for 30 years since 1989. Throughout her service, she held diversified posts in various ministries and departments. YBhg. Datuk Dr. Mary Wong Lai Lin involved directly in the development of health service in Melaka (1996 – 2001) and Sabah (2008 – 2010). In addition she also assisted in promoting healthcare travel in Malaysia (2010 – 2014) and enhancing the Technical and Vocational Education and Training (TVET) through the rebranding of TVET Malaysia. Recently, she is involved in developing the National Community Policy which was launch by the Prime Minister on 17 th February 2019. Her current position entails reviewing of policies, laws, Cabinet paper sand Parliament answer for the Ministry of Housing and Local Governments

## KEYNOTE 2



**TPr Khairiah Mohd Talha**

Honorary President, EAROPH & Kuala Lumpur  
City Hall Advisory Board Member

Madam Khairiah Talha qualified as a Town Planner from the University of Melbourne, Australia in 1980. She has had 39 years' experience as an Urban Planner, both in government and private sector. She has been managing her own practice in the field of urban planning, urban design and planning research since 1996. Her company, KW Associate Planners Pty. Ltd. is based in Shah Alam and is an award winning firm, having introduced new initiatives in the field of urban and regional planning. Her field of expertise include the formulation of state, regional and city structure and local plans as well as in the field of eco-tourism and coastal land management and protection. She is very active in several professional organizations and has held several posts, amongst which are:

- i. President of the Malaysian Institute of Planners for 2 terms (1999- 2003)
- ii. Board Member Association of Professional Bodies Malaysia (2010-2013)
- iii. Council Member of the Malaysian Institute of Planners (1995-1999); (2003-2013)
- iv. Secretary General of the Eastern Regional Organization for Planning and Human Settlements (EAROPH) for 8 years (2002-2010)
- v. Honorary President of EAROPH (2003 to date)
- vi. Council Member, International Federation of Housing and Planning (IFHP),
- vii. Board Member of the Town Planners Board 2012-2018
- viii. Board of Advisors to Ministry of Federal Territories (2012-2016)
- ix. General Manager of the MIP Training Centre Sdn.Bhd. (2014 to 2018)
- x. Advisory Board Member, City of Kuala Lumpur ( 2018- to date)

In 2010, Madam Khairiah was also a member of the team from the Malaysian Institute of Planners who worked on the Low Carbon Cities Framework (LCCF) for the Ministry of Energy, Water and Green Technology, Malaysia. She led the training on Low Carbon Cities Framework (LCCF) for the Ministry and the Malaysian Green Technology Corporation (MGTC), and other government agencies at Federal, State and Local levels. She was appointed the General Manager of the MIP Training Centre Sdn. Bhd. since April 2014 by the MIP Council. Her services as the General Manager included framing training modules and content that encompassed the organizing of many workshops, seminars, as well as technical site visits on local and international best practices.

In November 2018, Madam Khairiah was appointed as an Advisory Board Members of Kuala Lumpur City Hall.



## TENTATIVE AGENDA

KL URBAN THINKERS CAMPUS DAY 1 Identifying the challenges to move towards "Urban Climate Change Resilience"	
TIME	PROGRAMME
08.00 - 09.30	<b>REGISTRATION &amp; WELCOMING DRINKS</b>
	<b>OPENING</b> Welcome, Keynotes and Agenda Setting
09.30 - 10.05	<b>TECHNICAL BRIEFING</b> to Moderators, Speakers and Panel Members
10.05 - 10.15	<b>WELCOME REMARKS</b> Prof. Dato' Ir. Dr. Othman A. Karim Deputy Vice-Chancellor of the National University of Malaysia (UKM)
10.15 - 11.15	<b>KEYNOTES AND LAUNCHED</b> YBhg. Datuk Dr. Mary Wong Lai Lin Deputy Secretary General (Policy), Ministry of Urban Wellbeing, Housing & Local Government (KPKT) <b>TOKEN OF APPRECIATION</b> from UKM to KPKT and DBKL <b>PHOTO SESSION</b>
11.15 - 11.30	<b>COFFEE BREAK</b>
11.30 - 13.30	<b>URBAN LAB FORUM 1</b> Urban Planning/Design, Technical/Technological Challenges, Obstacles & Gaps in Countermeasures to Urban Heat Island Effects
	<b>MODERATOR</b> Dr. Parisa Kloss, Head of Resilient Urban Planning + Development (RUPD) GbR, Berlin, Germany <b>URBAN LAB SPEAKER</b> Puan Hajah Nik Mastura Diyana Binti Nik Mohamad, Senior Deputy Director, City Planning Department, DBKL Dr. Ken Yeang, Head of Hamzah & Yeang Architectural and Engineering Company, Kuala Lumpur, Malaysia Dr. Conrad Philipp, Senior Researcher of Cooling Singapore at Singapore-ETH Center, Singapore Prof. Dr. Heba Allah E. Khalil, Prof. of Sustainable Urbanism at Department of Architectural Engineering, Cairo University, Egypt Prof. Dr. Tuzin Baycan, Prof. of Urban and Regional Planning at Istanbul Technical University, Turkey Dr. Steve Kardinal JUSUF, STEVE Tools Developer and Assistant Prof. at the National University of Singapore, Singapore Dr. Kamal Kumar Murari, Center for Climate Change and Sustainability Studies, Tata Institute of Social Sciences, Mumbai, India

13.30 - 14.30	<b>LUNCH BREAK</b>
14.30 - 16.30	<b>URBAN LAB FORUM 2</b> Urban Policy/Legislation, Urban Management/Governance & Financing Mechanisms' Challenges, Obstacles & Gaps in Countermeasures to Urban Heat Island Effects
	<b>MODERATOR</b> Ar. Sriayuna Binti Hilmi, Deputy Director, Project Implementation and Building Maintenance Department, DBKL <b>URBAN LAB SPEAKERS</b> TPr Norliza Binti Hashim, Chief Executive, URBANICE Malaysia Puan Norzaini Binti Noordin, Senior Deputy Director, Project Implementation and Building Maintenance Department, DBKL Dr. Nadine Kuhla von Bergmann, Founder and Managing Director of Creative Climate Cities, Berlin, Germany Prof. Dr. Rudolf Schäfer, Urban Development Department of Technical University of Berlin Campus El Gouna, Egypt Dr. Ranit Chatterjee, Postdoc Fellow on Disaster Management, Kyoto University, Japan
16.30 - 17.00	<b>COFFEE BREAK</b>
17.00 - 18.30	<b>ROUND TABLE 1 AND CONCLUSION OF THE DAY</b>
	<b>MODERATOR</b> Puan Hajah Sharifah Junidah Binti Syed Omar, Deputy Director, Project Implementation & Building Maintenance Department, DBKL <b>PANELIST</b> Sr Zamizi Zakaria, Deputy Director, Building Control Department, DBKL TPr. Dr. Chee Ping Ngang, Director, Physical Country Planning Division, PLANMALAYSIA TPr Norliza Binti Hashim, URBANICE Malaysia Arc. S. Thirilogachandran, Secretary General, EAROPH MALAYSIA

KL URBAN THINKERS CAMPUS DAY 2	
Showcasing the innovative and resilient solutions to tackle the challenges	
TIME	PROGRAMME
08.30 - 09.00	REGISTRATION & BREAKFAST
09.30 - 09.40	OPENING by a host
09.40 - 11.40	<b>URBAN LAB FORUM 3</b> Connecting Blue Networks and Urban Green Infrastructure for Adaptive and Resilient Urban Planning and Design
	<b>ORGANIZER</b> <i>Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH- Thailand Office</i>  <b>MODERATOR</b> <i>Mr. Heinrich Gudenus, Risk National Adaptation Planning project director, GIZ Thailand</i>  <b>URBAN LAB SPEAKERS</b> <i>Mr. Teerapong Laopongpith, Climate Change Management and Coordination Division (CCMC), Office of Natural Resources and Environmental Policy and Planning (ONEP)</i> <i>Mrs. Pochanie Kajonpredanon, Department of Public Works and Town and Country Planning (DPT)</i> <i>Mr. Theeraphong Krutdilakanan, Department of Public Works and Town and Country Planning (DPT)</i> <i>Mrs. Sermsook Noppun, Air Quality and Noise Management Division, Department of Environment, Bangkok Metropolitan Administration (BMA)</i> <i>Ms. Pajariya Mahakanjana, Public Park Office, Environment Department, Bangkok Metropolitan Administration (BMA)</i> <i>Mrs. Indhira Euamonlachat, Director of Urban Environment and Area Planning Division, ONEP</i> <i>Dr. Kanjanee Budthimedhee, School of Architecture and Design, King Mongkut's University of Technology Thonburi (KMUTT)</i>
11.40 - 12.10	COFFEE BREAK
12.10 - 14.10	<b>URBAN LAB FORUM 4</b> Malaysia towards Urban Resilience: Technical and Socio-Economic Perspective
	<b>ORGANIZER</b> <i>Climate Change Institute (IPI), University Kebangsaan Malaysia (UKM)</i>  <b>MODERATOR</b> <i>Associate Prof. Ts. Dr. Sr Syahrul Nizam Kamaruzzaman, Faculty of Built Environment, University of Malaya</i>

	<b>URBAN LAB SPEAKERS</b> <i>Prof. Emeritus Dato' Ar. Dr. Elias Saleh, Kulliyyah of Architecture &amp; Environmental Design, IIUM</i> <i>Prof. Dr. Mastura Mahmud, Faculty of Social Sciences and Humanities, UKM</i> <i>Miss Sri Husnaini Sofjan, UN-Habitat Advisory Group on Gender Issues (AGGI)</i> <i>Ar. Azril Amir Jaafar, Principal, VERITAS Architects</i> <i>Ar. Mustapha Kamal Zulkarnain, Arkitek Mustapha Kamal</i> <i>Dr. Wan Nor Hishamuddin Wan Rodi, Faculty of Architecture, Planning &amp; Surveying, UiTM</i>
14.10 - 15.10	LUNCH BREAK
15.10 - 17.10	<b>URBAN LAB FORUM 5</b> Role of Science, Technology and Innovation in Managing Climate Change in Asian Megacities
	<b>ORGANIZER</b> <i>The Institute for Global Environmental Strategies (IGES), Japan</i>  <b>MODERATOR</b> <i>Dr. Rajarshi DasGupta, Senior Policy Researcher (Specialist in Landscape Ecology and Planning), The Institute for Global Environmental Strategies (IGES), Japan</i>  <b>URBAN LAB SPEAKERS</b> <i>Dr. Bijon K. Mitra, Senior Policy Researcher, The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Dr. Pankaj Kumar, Senior Policy Researcher, The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Dr. Sharina Abdul Halim, Chair Research Centre for Environmental, Economic and Social Sustainability (KASES), Institute for Environment and Development (LESTARI), UKM</i> <i>Prof. Jonas Joerin, Co-Director of Future Resilient Systems Programme, ETH Zurich Singapore centre</i> <i>Dr. Sameer Deshkar, Assistant Professor, Architecture department, Visvesvaraya National Institute of Technology (VNIT Nagpur), India</i> <i>Mr. Bryan Yong, UInspire Malaysia</i> <i>Demonstration on heat resistant paints by Teijin Company</i>
17.10 - 17.30	COFFEE BREAK
17.30 - 18.30	ROUND TABLE 2 AND CONCLUSION OF THE DAY
	<b>MODERATOR</b> <i>Assoc. Prof. Dr. Ahmad Fariz bin Mohamed, LESTARI, Universiti Kebangsaan Malaysia</i>  <b>PANELISTS</b> <i>Mr. Heinrich Gudenus, Risk National Adaptation Planning project director, GIZ Thailand</i> <i>Associate Prof. Ts. Dr. Sr Syahrul Nizam Kamaruzzaman, Faculty of Built Environment, University of Malaya</i> <i>Dr. R. DasGupta, Senior Policy Researcher, The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Ar. Ezumi Harzani Bin Ismail, National Chapter President, EAROPH MALAYSIA</i>

<b>KL URBAN THINKERS CAMPUS DAY 3</b> Taking Action: comprehensive, innovative, replicable and action-oriented outcomes to enable SDGs/ NUA Implementation in the region	
TIME	PROGRAMME
08.30 - 09.00	<b>REGISTRATION &amp; BREAKFAST</b>
09.00 - 10.30	<b>OPENING</b> by a host  <b>KEYNOTES</b> <i>TPr Khairiah Mohd Talha, Honorary President</i> <i>EAROPH &amp; Kuala Lumpur City Hall Advisory Board Member</i>
10.30 - 11.00	<b>COFFEE BREAK</b>
11.00 - 13.00	<b>URBAN LAB FORUM 6</b> Towards an Action Plan and Road Map: Localizing SDGs regarding to Urban Climate Change for South-East Asian Cities
	<b>MODERATOR</b> <i>Dr. Hassan Elmouelhi, senior researcher at the Habitat Unit, Technical University of Berlin, Germany and El Gouna Campus, Egypt</i>  <b>KUALA LUMPUR CITY GROUP</b> <i>Puan Hajah Nik Mastura Diyana Binti Nik Mohamad, Senior Deputy Director, City Planning Department, DBKL</i> <i>TPr Norliza Binti Hashim, URBANICE Malaysia</i> <i>Ar. Azril Amir Jaafar, Principal, VERITAS Architects</i> <i>Ar. Mustapha Kamal Zulkarnain, Arkitek Mustapha Kamal</i> <i>REHDA Youth</i>  <b>BANGKOK CITY GROUP</b> <i>Mr. Heinrich Gudenus, Risk National Adaptation Planning project director, GIZ Thailand</i> <i>Mr. Teerapong Laopongpith, Climate Change Management and Coordination Division (CCMC), Office of Natural Resources and Environmental Policy and Planning (ONEP)</i> <i>Mrs. Pochanie Kajonpredanon, Department of Public Works and Town and Country Planning (DPT)</i> <i>Mr. Theeraphong Krutdilakanan, Department of Public Works and Town and Country Planning (DPT)</i> <i>Mrs. Sermsook Noppun, Air Quality and Noise Management Division, Department of Environment, Bangkok Metropolitan Administration (BMA)</i> <i>Ms. Pajariya Mahakanjana, Public Park Office, Environment Department, Bangkok Metropolitan Administration (BMA)</i> <i>Mrs. Indhira Euamonlachat, Director of Urban Environment and Area Planning Division, ONEP</i> <i>Dr. Kanjanee Budthimedhee, School of Architecture and Design, King Mongkut's University of Technology Thonburi (KMUTT)</i> <i>Mr. Liam Fee, Technical Advisor, Climate Change and Urban Development, UN-Habitat</i>

	<b>DELHI CITY GROUP</b> <i>Dr. Rajarshi DasGupta, Senior Policy Researcher (Specialist in Landscape Ecology and Planning), The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Dr. Bijon K. Mitra, Senior Policy Researcher, The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Dr. Pankaj Kumar, Senior Policy Researcher, The Institute for Global Environmental Strategies (IGES), Japan</i> <i>Dr. Sameer Deshkar, Assistant Professor, Architecture department, Visvesvaraya National Institute of Technology (VNIT Nagpur), India</i> <i>Dr. Ranit Chatterjee, Postdoc Fellow on Disaster Management, Kyoto University, Japan</i> <i>Prof. Dr. Kamal Kumar Murari, Center for Climate Change and Sustainability Studies, Tata Institute of Social Sciences, Mumbai, India</i>
13.00 - 13.30	<b>CONCLUDING REMARKS</b>
13.30 - 14.30	<b>LUNCH BREAK &amp; END OF PROGRAMME</b>



**URBAN LAB  
COORDINATOR**  
International

01



**Dr. Parisa Kloss**

Is the founder and director of Resilience Urban Planning + Development (RUPD) GbR in Berlin and teaches simultaneously at Humboldt Universität Berlin as an external lecturer. She is a trained architect and urban planner with a wide range of experience in Middle East, Asia and Europe. Her main research interests cover sustainable urban development and planning; urban resilience; urban climate change planning, urban heat island effects, climate intelligent cities.

Parisa was a post-doctoral fellow at Freie Universität Berlin. There, she focused on simulating urban heat island effects. She holds a Ph.D. in urban climate with focus on "urban heat island" from The National University of Malaysia (UKM) and studied her Master and Bachelor in architecture in Iran. She got three months fellowship at HafenCity university (HCU) Hamburg to work on 'Optimization of Climatic Performance of Urban Areas in Hamburg' as well as the Tehran World Award for her project proposal focusing on Tehran urban heat island, Iran in 2015.

**URBAN LAB  
COORDINATOR**  
International

02



**Dr. Hassan Elmouelhi**

Is lecturer and senior researcher at Berlin Technical University, Habitat Unit-International urbanism and design, and the Urban Development Department-Campus EL Gouna. His research and teaching interests vary between international urbanism, culture and urban informality in relation to urban development and governance, in addition to the localizing of global agendas. He leads the integrated term-project in informal settlements at the urban development master program at TU Berlin Campus EL Gouna. He co-coordinates the cooperation project: "RealityLab: Practice orientation in architectural education" funded by BMZ (2016-2019), with Helwan University, Egypt, and acts as co-principle investigator in the BMBF research project: "Neighborhood management in Informal Areas-Hurghada, Egypt" (2018-2020) in partnership with IUSD-Cairo, Ain Shams University, and as a principle investigator for the DAAD short measure project Urban mobility mapping in Hurghada-Egypt (2019). His PhD from TU Berlin-International urbanism, is entitled: "Culture and informal urban development: A case study of Cairo's informal settlements". He participated as a lecturer, consultant and expert in many international activities regarding the global south urbanism, for example, Germany, Egypt, Tunisia, Tanzania, Lebanon, Iraq, Palestine and India.

**URBAN LAB  
COORDINATOR**  
International

03



**Dr. Rajarshi Dasgupta**

Is an Environmental Engineer and geospatial analyst by training and working as a Senior Researcher in the climate change adaptation at Institute for Global Environmental Strategies (IGES) at Hayama Headquarter in Kanagawa Prefecture, Japan. He works on ecosystem approaches in climate change adaptation, mainly focusing on nature-based solution and innovation for sustainable development in Asia-Pacific region. He is the Chapter Scientist for Asia in the ongoing IPCC's sixth assessment report (WG-II) and also contributed to various intergovernmental reports on climate change adaptation.

**URBAN LAB  
COORDINATOR**  
International

04



**Heinrich Gudenus**

Has been working with the the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) for almost 10 years. He is currently heading the Riskbased National Adaptation Plan project in Thailand, funded by the International Climate Initiative (IKI) of the German Federal Ministry for Environment, Nature Conservation and Nuclear Safety (BMU). He has been involved in climate change adaptation planning in the human settlements, health and tourism sectors as well as on issues related to M&E of adaptation and climate finance.

## URBAN LAB SPEAKER

01



**Nik Mastura Diyana Nik Mohammad**

Graduated in postgraduate town planning from the University of Wales, Cardiff, United Kingdom. Joined City Hall Kuala Lumpur in 1991 as a City Planning Officer in the Department of City Planning Master Plan and is currently the Senior Deputy Director in the Physical Planning Division, Department of City Planning.

She was involved in the preparation of the city development plans, i.e. the Kuala Lumpur Structure Plan 2020 and the Local Plan (Kuala Lumpur City Plan 2020). She was very much involved in the early stages of plan preparation processes, from the formulation of development strategies, policies and key initiatives, engaging the public and ensuring that they are in line with the targeted vision and goals to be a world class city by 2020. Formulation of planning frameworks for further implementation through detailed strategic directions and key initiatives were formulated in guiding the development and progress of Kuala Lumpur in future.

Kuala Lumpur's planning framework relates to sustainable development and quality living supported by clear and precise development parameters and guidelines, with regards to development use of land and building taking into account the need for public transport supportive uses, need to protect sensitive environment and river system, and need to conserving the heritage areas and buildings remain the guiding principles for future development.

She was directly involved in the formulation of the Kuala Lumpur Low Carbon Society Blueprint 2030 (KL LCSB 2030) which was completed in September 2017. KL LCSB 2030 lays down the strategic direction and clear policy framework that optimises Kuala Lumpur limited resources in protecting and enhancing the environment for quality living. The main objective is to achieve 70 by 30 for a greener and better city by 2030, with a clear sustainable and climate responsive growth vision.

She was also involved (acting as a secretariat) in managing development projects under the NKEA (National Key Economic Area) initiative Greater KL/Klang Valley through ETP Economic Transformation Programme, projects such as River of Life, Iconic Places, Greening KL and Pedestrian Walkways. The River of Life project is carried out in phases whereby the initial stage comprises the formulation of the River of Life Master Plan and the Landscape Design Guideline, the completion of the tender document for appointment of contractor as well as series of engagement with all the stakeholders

## URBAN LAB SPEAKER

02



**Dato' Dr. Ken Yeang**

Is an architect and ecologist best known for his ecology-based signature architecture and distinctive verdant green aesthetic, and performance beyond green rating-systems. He trained at the AA(Architectural Association School, UK) and received his doctorate from Cambridge University (UK) on ecological design and planning. His key buildings include Suasana Putrajaya (Malaysia), Solaris (Singapore), Menara Mesiniaga (Malaysia, recipient of Aga Khan Award), Genome Research Building (Hong Kong), Great Ormond Street Children's Hospital Extension (UK). He has authored over 12 monographs on ecological design. He is recipient of the Malaysian Institute of Architects Gold Medal, the Government of Malaysia's Merdeka Award, the Architectural Society of China Liang Sicheng Award 2016. The UK Guardian newspaper named him as one of 50 individuals who could save the planet.



## URBAN LAB SPEAKER

03



**Dr. Conrad Philipp**

Is working since 2017 in Singapore on the 'Cooling Singapore' project. The interdisciplinary project is led by the Singapore-ETH Centre (SEC), in partnership with the Singapore-MIT Alliance for Research and Technology (SMART), TUMCREATE (Established by the Technical University of Munich), National University of Singapore, and the Agency for Science, Technology and Research (A\*STAR). The goal of the project is to develop solutions to address the urban heat challenge in Singapore. His main research focus is on urban climate mitigation strategies, vulnerability mapping and urban heat island investigation through remote sensing. As an educated Geographer he has one decade of experience in the urban climate community by working interdisciplinary with urban planner and architects across European, Asian and Australian cities.

## URBAN LAB SPEAKER

04



**Prof. Dr. Heba Allah Essam E. Khalil**

Department of Architecture, Faculty of Engineering, Cairo University and the senior coordinator of the Architectural Engineering and Technology AET program has more than 15 years of academic and professional experience. She teaches and conducts research in community development & informal areas with more than 30 international publications. She has built several international research partnerships focusing on urban metabolism and improving urban micro-climate in highly dense cities through material flow analysis, simulation and participatory action research. More recently, she has started a research project focusing on gender equity and cities and another on land governance. Professionally, she works as an architect, urban planner, community facilitator and housing expert with multi-scale agencies, authorities and clients both local and international. As an Alumina of SPURS, MIT, she continuously seeks partnerships to support a new planning and design practice for sustainable urbanism in her region.

## URBAN LAB SPEAKER

05



**Prof. Dr. Tuzin Baycan**

Is the Professor of Urban and Regional Planning, Istanbul Technical University, Faculty of Architecture, Department of Urban and Regional Planning. Her research areas are urban and regional development and planning; environment; climate change; urban systems; sustainable development; creativity, innovation and entrepreneurship; diversity and multiculturalism.

She is President of Turkish Regional Science Association and Council Member of Regional Science Association International (RSAI) and European Regional Science Association (ERSA). She was the Chair of the EU Center at Istanbul Technical University and has more than 15 years of experience in leading and participating in international (UNDP) and EU Projects (FP5, FP6, FP7) as well as bilateral joint research projects with various European Institutions. She was also an Expert and Panel Member of ERC Advanced Grants for Social Science and Humanities: Environment and Society and JPI Urban Europe. She served as external evaluator for different research programs of the EU countries including Austria, Germany, Greece and Norway. She is Fellow of the Academia European.

## URBAN LAB SPEAKER

06



**Dr. Steve Kardinal Jusuf**

Is Assistant Professor in the Sustainable Infrastructure Engineering (Building Services) program, SIT. He is currently the President of International Building Performance Simulation Association (IBPSA) - Singapore Chapter. His research interests are in the area of urban microclimate, green building technology and simulation, thermal comfort and Building Information Modelling (BIM). He received World Future Foundation Ph.D. Prize in Environmental and Sustainability Research for his Ph.D. work on air temperature prediction model within urban climatic mapping method using Geographical Information System (GIS). He has been working as researcher and collaborator in several research projects, including Urban Climatic Mapping of Singapore project; Study on the actual environmental performance of commercial & office buildings in the tropics of Asia; and Energy efficient building façade for thermal comfort environment.

## URBAN LAB SPEAKER

07



**Dr. Kamal Kumar Murari**

Is currently working as faculty in Center for Climate Change and Sustainability Studies at Tata Institute of Social Sciences, Mumbai (India). He has more than 10 years of research and teaching experience on the climate, water, agriculture, and urban issues. He is actively engaged in researching the role of extreme temperature episodes in health, water and electricity demands on the urban areas. He has experience in survey design, data collection, data processing and analysis, and handling large and complex data sets. He has published more than 10 peer-reviewed journal articles and attended a number of national and international conferences.

## URBAN LAB SPEAKER

08



**TPr Norliza Hashim**

Is the Chief Executive of Urbanice Malaysia, a Centre of Excellence for Urban Wellbeing and Sustainability. Urbanice works spans over four main areas – Knowledge Platforms, Urban Innovation, Applied Research and Development and Projects and Partnerships. Through these activities, Urbanice hopes to provide urban leaders and practitioners with the knowledge and support needed to achieve sustainable urbanization.

Norliza is a registered town planner and is the Principal and Founder of her consulting firm for the past 26 years – AJM Planning and Urban Design Group Sdn Bhd and her experience covers a wide spectrum of the planning discipline and developing plans and blueprints that has also contributed towards nation building. Her works include providing services to more than 12 nations - including Russia, Indonesia, China, Pakistan, India and the Saudi Arabia, and she has also served as a consultant to UN-Habitat in its Urban and Housing Rehabilitation Programmes.

She had led a team of experts to develop the Low Carbon Cities Assessment Framework for the Ministry of Energy, Green Technology and Water and is now the Director for Malaysian Institute of Planner's Low Carbon Cities and Sustainability Centre.

Norliza is also a Board Member of the Malaysian Board of Technologist and also sits on the Leadership Council for Sustainable Development Solutions Network Malaysia as her passion lies in the promotion promoting the sustainability agenda and in providing innovative solutions that contributes towards better quality of life and built environment for our nation.

Norliza was the former Secretary General of the Eastern Regional Organisation for Planning and Human Settlement (EAROPH), an international multi-sectoral organisation that encourages excellence in planning, development and management to improve the sustainability of human settlements, was the longest serving member of the Board of Town Planners Malaysia, President for Malaysian Institute of Planners from 2005-2011 and currently sits on several advisory panels in our local public universities.



## URBAN LAB SPEAKER

09



**Dr. Nadine Kuhla Von Bergmann**

Is the director of "Creative Climate Cities" and currently a visiting professor for "Smart Urbanism and Digital Strategies" at the University of Applied Science, HfT Stuttgart. As trained architect, she practiced urban design for a decade before she joined the Potsdam Institute for Climate Impact Research (PIK) and later the African Climate and Development Initiative in Cape Town (ACDI). Nadine lectured from 2011 - 2017 at the Department for Sustainable Urban Design, TU Berlin and headed the European research project "Smart Sustainable District – Green Moabit" focussing on bottom-up processes and integrated infrastructure design. Her dissertation about the transformative power of civil entrepreneurs in urban transition processes was published in 2018 under the title of "Urban Change Agents".

## URBAN LAB SPEAKER

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**Prof. Dr. Rudolf Schafer**

Is the 'Study Dean' of the Urban Development Department of Technical University (TU) of Berlin, Campus El Gouna as well as active member of German Academy of Urban Design and Spatial Planning and European Academy of Science and Arts. In the MENA region, he was the Project Director of a Megacities Project in Iran and co-founded and leded WANACU and MENASHDA networks of TU Berlin.

After graduating in Political Science and Law at Freie Universität (FU) Berlin, he has been engaged in different research activities at FU Berlin and Deutsches Institut für Urbanistik (DIfU). In 1982 he was appointed Professor for Administration Science and Public Law at Fachhochschule für Verwaltung und Rechtspflege Berlin (University of applied sciences) and in 1988 he became Professor for Planning and Building Law and Administration at Technische Universität (TU) Berlin. Previously he was Dean of Faculty of Architecture in TU Berlin for 21 years. He is the owner and CEO of the private consultant company Forschungsgruppe Stadt & Dorf since 1988. His research areas are planning and building law and administration, urban renewal and urban development.

## URBAN LAB SPEAKER

11



**Dr. Ranit Chatterjee**

Is the co-founder of RIKA, a research-based startup in India. His research focuses mainly on disaster management and climate change adaptation while spanning across architecture and heritage, governance, private sector and ecosystem services. He has worked previously with the UN agencies, national and local Governments in Asia and India in particular, local communities, private businesses and NGOs. His has worked on city disaster resilience index of Varanasi city and is currently engaged in understanding transformation to sustainability (T2S) for the Indian context. He has a PhD from Kyoto University in Environmental Management.

## URBAN LAB SPEAKER

12



**Teerapong Laopongpith**

Is currently an expert officer under ONEP CCMC division. He is experienced in drafting action plans and policy in the environmental sector. He took part in policies such as 20 years strategic plan. He has over 10 years of experiences in this field. He is now working on drafting and mobilizing climate change and climate change related policies such as climate change master plan.

## URBAN LAB SPEAKER

13



**Pochanie Kajonpredanon**

Has robust experiences in the field. Her educational experiences includes B.sc. Architecture from KMUTT, M.sc Regional Planning from AIT and diploma of Regional Development Planning and Management from Technical University of Dortmund. As for her work experiences, she used to be director Comprehensive Planning Bureau, DPT. She also had other positions such as Senior Advisor : Town and Country Planning, DPT, Provincial Chief : DPT (Chiang Mai, Lampang Lamphun, Udon Thani -TH), Urban Planner : Asia URBS, Office of the EU Commission. She also has several more relevant certificates and decades of work experiences.

## URBAN LAB SPEAKER

14



**Sermsook Noppun**

Has been involved in the field for long time, her experiences and background make her perfect for the role of speaker. Her educational background starts from B.sc. of Sanitary science from Mahidol University which she further expand her knowledge by obtaining master degree in Water and Wastewater Engineering from Asian Institute of Technology (AIT). Currently, she works as environmentalist (Senior Professional Level), Present Head of Climate Change Strategy Sub-Div. Air Quality and Noise Management Division, Department of Environment, Bangkok Metropolitan Administration (BMA). Her current scope of work includes mitigation and adaptation measure on climate change impact, promotion of renewable energy and energy efficiency, development of master plans and action Plans on climate change, evaluation of GHG emission reduction in Bangkok area, cooperation with related authorities to increase technical knowledge on Climate Change etc.



## URBAN LAB SPEAKER

15



**Pajariya Mahakanjana**

Has robust experience in the field. Her educational background starts from Bachelor Degree of Architecture, Silpakorn University, Bangkok, Thailand which she further advance in the field by obtaining a Master Degree of Architecture (Interior Architecture) King Monkutt's Institute of Technology Ladkrabang, Thailand. She also has a robust work experience. She was involved in several projects such as Bangkok Butterfly Garden Insectarium, Vajirabenjatas Park, Indoor Plants Building, Queen Sirikit Park, Chatuchak district, Bangkok Kiakkai Public Park, Dusit district, Bangkok and Vana Thamma Public Park, Prawes district, Bangkok. Her current position is Architect (Senior Professional Level) Public Park Office, Environment Department, Bangkok Metropolitan Administration.

## URBAN LAB SPEAKER

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**Indhira Euamoniachat**

Is the current director of ONEP's Urban Environment and Area planning division. She possesses robust experiences in this field. With her bachelor and master degree in public health and environmental science respectively. She also awarded LL.B. from Sukhothai university. Director Indhira also awarded with several certificates such as environmental assessment and management certificate from University of New South Wales. Director Indhira specialized in urban environmental management and environmental protected area with natural and cultural heritage management and EIW which also involves public participation aspects. Her working experiences also include being the focal point of ASEAN working group on Environmentally Sustainable Cities (AWGESC). She has more than 25 years of experiences in this field.

## URBAN LAB SPEAKER

17



**Dr. Kanjane Budthimedhee**

Has a robust work and educational experience in the urban and regional planning field. Her educational background includes graduation from bachelor degree with honor from KMUTT which she then went to University of Illinois at Urbana-Champaign, where she obtain master and PhD degree in Urban and Regional Planning. As for her work experiences, she is an Instructor, School of Architecture and Design, King Mongkut's University of Technology Thonburi (KMUTT). She is also involved in several researches regarding urban planning and urban resilience. She is also leading several projects involving canal and local communities.

## URBAN LAB SPEAKER

18



**Prof. Emeritus Dato' Ar. Dr. Elias Salleh**

Is a Professional Architect (LAM-AE09, PAM-517). He graduated with a Diploma in Building Design from the Technical College (now UTM) in 1969, Diploma in Architecture from Plymouth Polytechnic (now University of Plymouth) in 1973, Master in Building Science from the University of Sydney in 1981 and PhD (Environment & Energy) from the AA Graduate School of Architecture London in 1994. He had served in various academic capacities in local public universities since 1973: Universiti Teknologi Malaysia (UTM 1973-1999), Universiti Utara Malaysia (UUM 1999-2003) as a Deputy Vice-Chancellor, Universiti Putra Malaysia (UPM 2003-2011) as Professor in Architecture, Universiti Kebangsaan Malaysia (UKM 2012-2016) as a Principal Research Fellow at Solar Energy Research Institute (SERI), and is currently a Professor in Architecture at Kulliyah of Architecture and Environmental Design (KAED), International Islamic University Malaysia (IIUM 2016-current). He is a Council member of Genovasi University College (GUC), an online distance learning institution with a focus on design thinking. He had served as External Assessor and/or member Board of Studies for architectural programmes in various local public/private universities. He was a member in Council of Accreditation and Architectural Education Malaysia (CAAEM). He is currently a member of MQA Assessment Panel. In 2008 he was involved in founding the Malaysia Green Building Confederation (MGBC), and was a Board member of Greenbuildingindex Sdn Bhd (GSB) 2013-2015. He sits on the Board of MARA-owned Malaysia Design Development Centre Sdn Bhd (DDEC) since 2010. He is on the Editorial Board of Journal of Social Sciences and Humanities (JSSH-UPM). He is now the Editor-in-Chief of Journal of Architecture, Planning and Construction Management (JAPCM) of KAED-IIUM. He has been involved in many related research projects and academic publications relating to sustainable architecture/environmental design/energy issues as well as architectural heritage.

## URBAN LAB SPEAKER

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**Prof. Dr. Mastura Mahmud**

Is a Professor at the Geography Program at the Faculty of Social Sciences and Humanities, Universiti Kebangsaan Malaysia (UKM). Mastura's area of specialization is meteorology and her major research interests are on the transboundary haze events that had affected Peninsular Malaysia since 2005. She was involved as a representative of the Global Observation of Forest Cover Dynamics Global Land Observation (GOFC-GOLD) Regional Network and was a member of the GOFC-GOLD Fire Network implementation team under the Food and Agriculture Organization (FAO). In addition, she was appointed by the Department of Environment as a member of the working group on the preparation of greenhouse gas inventories for the 3rd Report of the National Communication to the Intergovernmental Panel on Climate Change (IPCC). She was previously the Head of the Earth Observation Centre (EOC), which is a centre of excellence at the Faculty prior to 2012.

## URBAN LAB SPEAKER

20



**Sri Husnaini Sofjan**

Was appointed to the UN-Habitat Advisory Group on Gender Issues (AGGI) in August 2012, and is a Senior Programme Advisor and Strategist at Huairou Commission.

Trained in political science, development economics and public administration, Sri's experience covers a wide spectrum of fields, ranging from ICT, good governance, regional-global coordination of women's networks and cities, to managing and programming human settlements and gender equality projects funded by the United Nations agencies and the governments.

She was the first CEO of the Penang Women's Development Corporation (PWDC) from 2012-13; a Programme Manager at UNIFEM, (now known as UN Women), in 206-2009.

She was with UNDP's regional project on urban management and urban governance from 1993 to 2004



## URBAN LAB SPEAKER

21



**Ar. Azril Amir Jaafar**

Graduated from the University of Manchester, UK. He worked at Brock Carmichael Architects in Liverpool, Holford Associates in Manchester and TR Hamzah and Yeang in Kuala Lumpur before joining VERITAS in 1999.

Azril is a corporate member of Malaysian Institute of Architects and a Green Building Index Facilitator. His professional development growth has been in tandem with the growth of the company; he became Senior Architect in 2004, an Associate in 2007 and in 2009 he was promoted to become a Principal of VERITAS Design Group.

Azril's interest in architecture and passion for producing outstanding design has won VERITAS many awards and competitions. This includes ASEAN Energy award 2018, National Energy awards 2018, Cityscape Global awards, Dubai (2017), PAM Gold award (2017), the new PKNS Headquarters Architectural Competition (2010), CNBC / Arabian Properties Quality Award for the most outstanding / creative design (2007), Dubai Islamic Bank Headquarters Architectural Competition (2006), Putrajaya Precinct 4G Architectural competition (2000), National Library Singapore (1999), CDM Competition, Salford, England (1998), International Student Design Competition, Korea (1997). Many of his work have been published in local and international publications.

He has spoken widely on design and sustainable architecture. In 2011 he was selected as one of the leading young architects in Malaysia, in a '30 under 40' shortlist compiled by the Malaysian Institute of architects.

## URBAN LAB SPEAKER

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**Ar. Mustapha Kamal Zulkarnain**

An Auckland University alumnus from the New Zealand has been practicing architecture for the past 27 years. He is a fellow member of Malaysian Institute of Architects (Pertubuhan Akitek Malaysia, PAM) and had served 6 terms as PAM Council Member 1997-2000 and 2014-2017. He still sits in various PAM Committees like the Housing and Urban Wellbeing, Media and Publications as well as the Sustainability and New Urban Agenda. He was also a devoted Rotarian. He is also heading the task force in the PAM Strategic Plan 2030 on Architecture: Cities Now and Future. His area of expertise is Urban Resilience. He first mooted the idea of resiliency into the vocabulary of the committee Urban Wellbeing, Sustainability, Housing and Environmental Resilience (USHER) in 2014 as the Co-Chair that was in charge in preparing the report for the government of Malaysia through PAM for the Kuala Krai 2014 floods entitled Strategic Initiatives in Floods Disaster Preparedness and Mitigations for Malaysia. This report is now posted on The International Union of Architects website. He has delivered papers and attended various conferences, symposiums and seminars that touch on resiliency. Most notably was the RIBA Conference in London entitled Designing City Resilience 2015, Urban Renewal in Singapore 2015, 2016, 2017 and also as panels for Urban Thinkers Campus (UTC) under the UN Habitat for Habitat III in Hong Kong, Bangladesh and Kuching, Malaysia as well as ASLI towards the formulation of the New Urban Agenda document previously known as "The City We Need" He spoke at the 2017 UIA World Architects Congress in Seoul as well as at the Healthy Cities Design Summit 2017 in London Royal College of Physicians both the roles of Nature and Human in physical development symbiosis. He was the Convener of the PAM Roundtable Discussion with Archinesia and the members of the publications communities during the 2016 Kuala Lumpur Architectural Festival (KLAF) that deals with Future Communities where the Mayor of Bandung, Pak Ridwan Kamil was the guest speaker. He too sits on the committee for KL Low Carbon Society Blueprint, KL Competitive City and also KUL Design Group in Dewan Bandaraya Kuala Lumpur (DBKL). He was the Curator for the yearly event of the Housing and Urbanity 2017 organised by PAM which entitled 'How New Urban Agenda Will Fulfil the Sustainable Communities Goals'. He also currently sits in the Technical working Group headed by MITI and MEA for the formulation of the programmes in architecture for the RMK 12 through MSPC. His Paper entitled "Shared Wealth Through A Resilient Malaysia using Smart Collaboration for a Progressive Malaysia 2050" was well received by both Ministries as inspiring and timely.

## URBAN LAB SPEAKER

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**Dr. Wan Norhishamuddin Wan Rodi**

Is a senior lecturer at the Centre for Estate Management study and programme coordinator for the Master of Property Investment at Centre for Postgraduate studies, Faculty of Architecture, Planning and Surveying, Universiti Teknologi Mara (UiTM) Shah Alam.

Dr. Wan Norhishamuddin research focuses on the real estate valuation, real estate investment and property development. Dr. Wan Norhishamuddin completed his PhD. at the National University of Malaysia (UKM) and his undergraduates' studies at the Universiti Teknologi Mara (UiTM).

## URBAN LAB SPEAKER

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**Dr. Bijon Kumar Mitra**

Is a Senior Water Resource Specialist at the Institute for Global Environmental Strategies (IGES) in Japan. He has more than 15 years of experience in the field of water resource management. His research interests include water-energy-food-climate nexus, climate change adaptation in water, water environment management and rural-urban linkage for collective resilience. He uses quantitative assessment framework to assess natural resource allocation trade-offs, aiming to provide guidance for optimal decision-making. He holds a Ph.D. Degree in Science of Biotic Environment from Iwate University, Japan.

## URBAN LAB SPEAKER

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**Dr. Pankaj Kumar**

Is a geo-environmentalist by education, Dr Kumar is working as senior researcher in the field of water resources and climate change adaptation at Institute for Global Environmental Strategies (IGES) at Hayama Headquarter in Kanagawa Prefecture, Japan. His main research work focuses on 'Water quality assessments and scenario modeling for clean urban water environment in South-East Asian developing cities' a transdisciplinary work; which aim to enhance community resilience to address growing water demands under climate change and rapid urbanization, with ultimate intention to give a solution for sustainable water resource management at policy level.

## URBAN LAB SPEAKER

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**Dr. Sharina Abdul Halim**

An environmental sociologist, is a Senior Lecturer at the Institute for Environment and Development (LESTARI, UKM). Currently, she is the Chair for Research Programme on Environment, Economics and Social Sustainability (KASES) in LESTARI, UKM, as well as the Head of Research Programme for Cultural Heritage and Social Sustainability, Langkawi Research Centre (PPL, UKM). Her research interests include islands and indigenous community, sustainable livelihoods, tourism development, and heritage conservation. Actively involved as part of the Scientific and Technical Team for Langkawi UNESCO Global Geopark since 2007 and involved directly during the UNESCO Global Geopark Revalidation Assessment in 2011, 2015 and 2019. She is part of the Editorial Board for Shima: The International Journal of Research into Island Cultures. She is assigned as one of the Intergovernmental Panel for Climate Change (IPCC) Lead Authors for Chapter 5 on the Special 1.5 degrees Report (2017-2018) and Chapter 10: Asia for the Working Group II contribution to the IPCC Sixth Assessment Report (AR6-WG2) (2019-2021).



## URBAN LAB SPEAKER

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**Prof. Dr. Jonas Joerin**

Is the Co-Director of the Future Resilient Systems programme since February 2019. Before joining the SEC, he was a Senior Scientist in the Climate Policy and Sustainable Agroecosystems groups of ETH Zurich. He has been involved in several research projects where he applied the concept of resilience on communities and food value chains. He has engaged and worked with various partners from different disciplines (soil scientists, geologists, economists, sociologists) in Ethiopia, Ghana, India, Japan, Malaysia and Switzerland. Jonas obtained his PhD degree from Kyoto University, Japan, on a dissertation entitled "Enhancing climate-related disaster resilience of urban communities in Chennai, India".

## URBAN LAB SPEAKER

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**Prof. Dr. Sameer Deshkar**

Is an Architect and Environmental Planner working with a focus on mainstreaming community resilience into development planning. He has a work experience of 18 years in research and academics, various Nationally and Internationally funded research and capacity building projects on climate change adaptation and risk resilience. His recent research projects have been focusing on evaluating community risk perceptions, understanding human-nature interactions in rural settlements, promoting nature-based solutions for climate change adaptation & risk reduction and developing framework for collective resilience of urban & rural regions in India. Under the Indo-Japan bilateral project grants, he has been instrumental in establishing a unique Urban-Rural partnership for natural resource conservation involving local municipal administration, rural 'panchayat' and the village communities in the Nagpur Metropolitan Region.

## URBAN LAB SPEAKER

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**Bryan Yong**

Is an active member of the Malaysian Youth Delegation who is always concerned about the environment. As a youth, he thinks that voicing out for climate advocacy and education is crucial for conveying the awareness and message to those in power, as well as those most vulnerable. Keen on learning and understanding further on what he could do as an environmental science student, Bryan hopes to bring wider discourse on the climate adaptation and resilience scene in Malaysia.

## URBAN LAB SPEAKER

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**Norzaini Noordin**

Is the Senior Deputy Director of the Project Implementation and Building Maintenance Department. Born in the multicultural Penang, she graduated with the Bachelor of Science (Architecture) and Bachelor of Architecture from the University of Newcastle, NSW, Australia. She joined Kuala Lumpur City Hall in 1993 after short stints in consultation firms.

In DBKL, she was responsible for Urban Design and Planning, Heritage, Building Control, City Beautification, Infrastructure Planning and Project Implementation. She is currently the Head of Facility Management and Maintenance for 1800 buildings and public urban spaces throughout The Federal Territory of Kuala Lumpur, to be contemporary in outlook and service provision. Her role is to look into a more sustainable, energy efficient and low carbon foot print initiative for facility maintenance and upgrading. She is also looking at turning unused spaces in the city for community integration and economic returns.

In between, she advocates Low Carbon Kuala Lumpur, Green Buildings, sustainable living and creating green spaces with the community, for the city

## URBAN LAB SPEAKER

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**Theeraphong Krutdilakanan**

Position: Director of the Comprehensive Plan Bureau, Department of Public Works and Town & Country Planning.

Education: Bachelor of Science (Honors) in Geography. Master of Regional and Urban Planning (Urban Planning), Faculty of Architecture, Chulalongkorn University.

Training History: Certificate of achievement in Urban Planning, MOC, Japan and Certificate of achievement in Urban Transportation Planning, MLIT, Japan.

Other Work Experience: Professor Level 4, Faculty of Environmental Management In College of Prince of Songkla University. Special Instructor, Faculty of Architecture, Naresuan University.

Field Trip Histories: Field Trips in Japan (7), English, French (2), Germany (3), Italy, Switzerland (2), Czech Republic (2), Austria, Hungary, Belgium, Luxembourg, Denmark, Sweden, Norway, Australia (2), Malaysia (2), South Korea (2), China (4) and Laos People's Democratic Republic.

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