

10th



Better Air Quality Conference
Kuching, Malaysia

14-16 Nov 2018



REGIONAL ACTION, GLOBAL IMPACT

Organized by:



Natural Resources &
Environment Board Sarawak
(NREB)

DAY 1 BAQ Pre-Events | 12 November 2018, Monday

Venue	Petra, Pullman Hotel Kuching	Olympia, Pullman Hotel Kuching	Giza Room, Level 2, Pullman Hotel Kuching
Time			
09:00 - 13:00	Capacity Building Programme for National Air Quality Managers		Integrating Co-benefits into Air Quality and Climate Change Policies
13:00 - 17:00	<i>(UN Environment, Asia Pacific Clean Air Partnership, and Asian Institute of Technology)</i> <i>[by invitation]</i>	Regional Closing Workshop of Transport and Climate Change in the ASEAN Region <i>(GIZ)</i> <i>[by invitation]</i>	<i>(IGES and Clean Air Asia)</i> <i>[by invitation]</i>

DAY 2 BAQ Pre-Events | 13 November 2018, Tuesday

08:00 - 09:00	Registration							
Venue	Rooms 2 & 3 BCCK	Room 12 BCCK	Room 13 BCCK	Room 6 BCCK	Eiffel 1, Lvl 1 Pullman Hotel Kch	Rooms 4 & 5 BCCK	Room 8 BCCK	Room 9 BCCK
Time								
09:00 - 10:00	Air Quality Management and Climate Change	Air Quality and its Impact on Health		Malaysia Focus Group Discussion	Capacity Building Programme for National Air Quality Managers	2nd APEC Workshop on Policy Dialogue on Fuel Economy & 4th Forum of the ASEAN Fuel Economy Platform	Estimating the Benefits of Improving Air Quality: Intro to the BenMAP-CE Tool	AirNow International Collaboration Meeting, Messaging and Outreach and AirNow System and Big Data Demo
10:30 - 11:00	Coffee Break & Networking Poster presentations (BCCK foyer)				(UN Environment, Asia Pacific Clean Air Partnership, and Asian Institute of Technology)	APEC, GIZ and, UN Environment	US EPA	US EPA
11:00 - 12:30	Clean Energy for Better Air Quality	Big Data Applications and Air Pollution Modelling		Malaysia Focus Group Discussion	[by invitation]			
12:30 - 13:30	Lunch (Plenary Hall, BCCK) Poster presentations (BCCK foyer)				Lunch			
13:30 - 15:00	Air Pollution Control and Technologies	Indoor Air Pollution	Sustainable Transport Solutions for Cities	Malaysia Focus Group Discussion	Consultation Meeting on Regional Policy/ Governmental Meetings on Urban Air Quality in Asia	2nd APEC Workshop on Policy Dialogue on Fuel Economy & 4th Forum of the ASEAN Fuel Economy Platform	Estimating the Benefits of Improving Air Quality: Intro to the BenMAP-CE Tool	AirNow International Collaboration Meeting, Messaging and Outreach and AirNow System and Big Data Demo
15:00 - 15:30	Coffee Break & Networking Poster presentations (BCCK foyer)				(UN Environment, Clean Air Asia)	(APEC, GIZ and, UN Environment)	(US EPA)	(US EPA)
15:30 - 17:00	Air Pollution Monitoring and Process	Indoor Air Pollution		Malaysia Focus Group Discussion	[by invitation]			
17:00 - 18:00	Poster presentations (BCCK foyer)							
18:00 - 19:30	WELCOME RECEPTION (BCCK)							

DAY 1 BAQ Main Conference | 14 November 2018, Wednesday

08:00 - 09:00	Registration
	OPENING PLENARY Great Hall A & B, BCCK
09:00 - 10:30	<p><u>Welcome Remarks from the Organizers</u> Dr. Noor Zaitun Yahaya (AHEA UK), President, The Clean Air Forum Society of Malaysia Bjarne Pedersen, Executive Director, Clean Air Asia</p> <p><u>Setting the Scene</u> Robert O'Keefe, Chairman, Clean Air Asia</p> <p><u>Keynote Message</u> Dr. Jamilah Hashim, Director of Sarawak State Health Department</p> <p>YB Puan Isnaraissah Munirah Majilis, Deputy Minister, Ministry of Energy, Science, Technology, Environment, and Climate Change of Malaysia</p>
10:30 - 11:00	Coffee Break and Networking Poster presentations (BCCK foyer)
11:00 - 12:30	<p><u>Opening Keynote Session</u></p> <p>CHANGEMAKERS' FORUM: Advancing Action Towards Breathable, Cleaner Air in Asian Cities This session highlights the commitments and actions undertaken by environmental and air quality champions and changemakers in Asia.</p> <p><u>Keynote Speakers:</u></p> <ul style="list-style-type: none"> ● Bambang Susantono, Vice President for Knowledge Management and Sustainable Development, Asian Development Bank ● He Kebin, Dean of the School of Environment, Tsinghua University ● Erik Solheim, Executive Director, UN Environment (video message)* and Bert Fabian, Programme Officer, Air Quality and Mobility, UN Environment ● Marconi Madai, Vice President Health, Safety, Security & Environment, Sarawak Energy Berhad
12:30 - 13:30	Opening of Exhibition Poster presentations (BCCK foyer) LUNCH (Great Hall C&D, BCCK)

DAY 1 BAQ Main Conference | 14 November 2018, Wednesday

Venue	Rooms 2 & 3 BCKK	Room 4 & 5, BCKK	Rooms 8 & 9, BCKK	Rooms 10 & 11 BCKK	Rooms 12 BCKK	Room 13, BCKK
Track	AIR QUALITY AND CLIMATE CHANGE		CLEAN ENERGY FOR BETTER AIR	CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS	MYCAS SESSIONS
13:30 - 15:00	Air Pollution in Asia and the Pacific: Science-based Solutions <i>(UN Environment/APCAP, CCAC, and Clean Air Asia)</i>	U.S. Airshed Planning <i>(US EPA)</i>	Air Quality and Clean Energy Dialogue: Strengthening emission standards for coal-fired power plants <i>(Clean Air Asia)</i>	City Solutions and Good Practices: Engaging Cities for Sustainable Urban Mobility (MobiliseYourCity) <i>(GIZ)</i>	Strategies to combat used vehicle import in vehicle importing countries of South Asia: Country experiences <i>(CSE)</i>	MyCAS Plenary Session
15:00 - 15:30	Coffee Break and Networking Poster presentations (BCKK foyer)					
Venue	Rooms 2 & 3 BCKK	Room 4 & 5, BCKK	Rooms 8 & 9, BCKK	Rooms 10 & 11 BCKK	Rooms 12 BCKK	Room 13, BCKK
Track	AIR QUALITY AND CLIMATE CHANGE	CLEAN ENERGY FOR BETTER AIR QUALITY	CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS		MYCAS SESSIONS
15:30 - 17:00	Micro Air Sensors: The State of the Technology and Application <i>(TD Environmental Services, Clean Air Asia)</i>	Implementing Euro 4/IV and Developing a Roadmap to Euro 6/VI in Asia <i>(UN Environment/CCAC and Clean Air Asia)</i>	City Solutions and Good Practices to Address Urban Air Pollution <i>(Ricardo Energy & Environment, ADB, and Clean Air Asia)</i>	Media for Better Air Quality <i>(Energy Foundation and Clean Air Asia)</i>	Action for Integrated Better Air Quality: Learnings from Indian Cities <i>(Clean Air Asia and IBAQ)</i>	Air Pollution Monitoring and Process <i>(MyCAS)</i>
17:00 - 18:00	Poster presentations (BCKK foyer)			Walkability and Air Sensing Tour (streets of Kuching) 17:00-18:30 (tour); 18:30-20:00 (end-of-tour discussions at The Old Courthouse)		
18:00	BAQ MEET-UPS (cafes/bistros around Kuching city)			<i>(ITDP, Sonoma Technology, UNIMAS, UiTM, Clean Air Asia)</i>		

DAY 2 BAQ Main Conference | 15 November 2018, Thursday

08:00 - 09:00	Registration					
Venue	Rooms 2 & 3 BCKK	Rooms 4 & 5, BCKK	Rooms 8 & 9 BCKK	Room 14, BCKK	Room 12, BCKK	Rooms 10 & 11 BCKK
Track	AIR QUALITY AND CLIMATE CHANGE	CLEAN ENERGY FOR BETTER AIR QUALITY	CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS	MyCAS & KOSAE SESSIONS <i>(oral presentation of abstracts)</i>	
09:00 - 10:30	AirNow and BenMAP Users Symposium - Tools for Air Quality Management <i>(US EPA)</i>	The Roadmap to Real Zero-Emission Mobility <i>(UN Environment and Clean Air Asia)</i>	Healthier, More Livable Cities in Asia: IBAQ Achievements and Lessons Learned <i>(Clean Air Asia)</i>	China Forum: China's Path towards Blue Skies Part 1: China Clean Air Action at Country and City Level <i>(Clean Air Asia, EFC, NRDC, and RBF)</i>	Urban Planning and City Solutions for Clean Air <i>(MyCAS)</i>	Ozone <i>(KOSAE)</i>
10:30 - 11:00	Coffee Break and Networking Poster presentations (BCKK foyer) Fuel Economy Chatbot/App Launch (GIZ) (Launch Pad, Concourse A, BCKK)					
	PLENARY SESSION Great Hall A & B, BCKK					
11:00 - 12:30	<p>BUSINESS FORUM: Business for Better Air Quality This is a platform for CEOs and industry leaders to share their opinions in addressing air pollution, investing in solutions for better air quality, challenges and barriers when introducing clean technologies and solutions, and the profitability of green investments.</p> <p>Sustainable Transport Solutions Panel</p> <ul style="list-style-type: none"> • Vince Socco, Executive Vice President, Toyota Motor Asia Pacific • Sheila Watson, Deputy Director, and Director of Environment and Research, FIA Foundation • Antonio Multari, Director of International Sales, MAHA (Maschinenbau Haldenwang GmbH & Co. KG) and Technical Expert for Emissions, CITA (International Motor Vehicle Inspection Committee) • Marconi Madai, Vice President Health, Safety, Security & Environment, Sarawak Energy Berhad <p>Data-Driven Solutions Panel</p> <ul style="list-style-type: none"> • Affilio Poli, Managing Director, APAQ Group • Johnson Khor, Regional Sales Manager, HORIBA Instruments Singapore • Bob Zheng, Director of Business Development, Cities Center of Competence Asia, Siemens <p>Moderator: Robin Hicks, Eco-Business</p>					
12:30 - 13:30	LUNCH (Great Hall C&D, BCKK) Poster presentations (foyer) IBAQ e-Learning Launch (Room 6, BCKK)					

DAY 2 BAQ Main Conference | 15 November 2018, Thursday

Venue	Rooms 2 & 3 BCCK	Rooms 4 & 5, BCCK	Rooms 8 & 9 BCCK	Room 14, BCCK	Room12, BCCK	Room 10 & 11, BCCK	
Track	AIR QUALITY AND CLIMATE CHANGE	CLEAN ENERGY FOR BETTER AIR QUALITY	CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS	MYCAS & AWMA SESSIONS <i>(oral presentation of abstracts)</i>		
13:30 - 15:00	Air Pollution and Health: Evidence to Catalyze Local Action <i>(Vital Strategies and HEI)</i>	What are cars really emitting in our cities? The Real Urban Emissions Initiative (TRUE) <i>(FIA Foundation)</i>	Future Cities: Developing Sustainable Urban Areas in Asia <i>(Clean Air Asia)</i>	China Forum: China's Path towards Blue Skies Part 2: China Coal Control <i>(Clean Air Asia, EFC, NRDC, and RBF)</i>	International Action and Cooperation on Air Pollution Management <i>(MyCAS)</i>	The Roles of Particulate Matter Characterization and Source Apportionment in Air Quality Management <i>(AWMA)</i>	
15:00 - 15:30	Coffee Break and Networking Poster presentations (BCCK foyer) UN Environment Air Quality and Mobility Program Launch (Launch Pad, Concourse A, BCCK)						
Venue	Rooms 2 & 3 BCCK	Room 6 BCCK	Rooms 4 & 5 BCCK	Rooms 8 & 9 BCCK	Room 14 BCCK	Room 12 BCCK	Room 10 & 11 BCCK
Track	AIR QUALITY AND CLIMATE CHANGE		CLEAN ENERGY FOR BETTER AIR QUALITY	CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS	MYCAS & AWMA SESSIONS <i>(oral presentation of abstracts)</i>	
15:30 - 17:00	Innovations to Accelerate Progress on Clean Air and Climate Action <i>(Vital Strategies)</i>	The Multiple Benefits of Clear Air: From Quantitative Models to Policy Applications <i>(Institute for Global Environmental Strategies / Asian Co-benefits Partnership)</i>	German Partnership for Sustainable Mobility: Clean Air – Made in Germany: Asian - German exchange on air quality <i>(GIZ)</i>	Better Air Quality for Child-Friendly Cities <i>(FIA Foundation and Clean Air Asia)</i>	China Forum: China's Path towards Blue Skies Part 3: China Mobile Sources Pollution Control <i>(Clean Air Asia, EFC, NRDC, and RBF)</i>	Air Pollution Monitoring and Process <i>(MyCAS)</i>	The Roles of Particulate Matter Characterization and Source Apportionment in Air Quality Management <i>(AWMA)</i>
17:00 - 18:00	BreatheLife Cities Signing Ceremony (Launch Pad, Concourse A, BCCK) Poster presentations (BCCK foyer)						
19:30 - 21:30	GALA DINNER (Great Hall C & D, BCCK)						

DAY 3 BAQ Main Conference | 16 November 2018, Friday

08:00 - 09:00	Registration				
Venue	Rooms 2 & 3, BCKK	Room 13, BCKK	Rooms 4 & 5, BCKK	Rooms 10 & 11, BCKK	Room 12, BCKK
Track	AIR QUALITY AND CLIMATE CHANGE		CITY SOLUTIONS FOR CLEAN AIR	SPECIAL SESSIONS	MYCAS SESSIONS <i>(oral presentation of abstracts)</i>
09:00 - 10:30	Pathways to Global Clean Air <i>(IUAPPA)</i>	Asia-Pacific Mercury Monitoring Network <i>(USEPA)</i>	Green Freight and Urban Logistics: System-wide Solutions for Greening Logistics <i>(CCAC and Clean Air Asia)</i>	Solutions to Reduce Air Pollution in South Asia <i>(ICIMOD and Clean Air Asia)</i>	Air Quality Management and Climate Change <i>(MyCAS)</i>
10:30 - 11:00	Coffee Break and Networking Poster presentations (BCKK foyer)				
11:00 - 12:00	<p>PLENARY SESSION/ MULTI-STAKEHOLDER FORUM: The Race to Cleaner Air in Asian Cities: Top 3 Priorities for Asia to Beat Air Pollution</p> <p>The forum is a platform for key representatives from various sectors including the youth, scientists, media, policymaker/city representative, to share their insights on the top 3 priorities for Asia to be air pollution-free.</p> <p>Panelists:</p> <ul style="list-style-type: none"> ● POLICYMAKER: Mark Kasman, Director for Regional and Bilateral Affairs, U.S. Environmental Protection Agency ● SCIENTIST: Young Sunwoo, President, Korean Society for Atmospheric Environment ● DEVELOPMENT AGENCY: Soraya Smaoun, Air Quality Coordinator, UN Environment ● MEDIA: Howie Severino, Vice President, GMA Network ● YOUTH: Aakash Arora, Coordinator, Youth Clean Air Network Initiative <p>Moderator: Dr. Bindu Lohani, Clean Air Asia</p>				
12:00 - 13:00	<p>BAQ 2018 CLOSING</p> <p>Presentation of the 2018 Kong Ha Award for Excellence in Air Quality Management Cities for Clean Air Awards BAQ 2018 Conference Statement BAQ 2020 Announcement</p>				
13:00 - 14:00	LUNCH (Great Hall C&D, BCKK)				

PRE-EVENTS (12-13 November)

Date/Time	Title	Organisers	Venue	Remarks
PRE-EVENTS - Monday, 12 November				
09:00 -17:30	Capacity Building Programme for National Air Quality Managers	UN Environment, Asia Pacific Clean Air Partnership, and Asian Institute of Technology	Petra, Pullman Hotel Kuching	By invitation
08:30-17:00	Integrating Co-benefits into Air Quality and Climate Change Policies	IGES	Giza Room, Level 2, Pullman Hotel Kuching	By invitation
13:00-17:00	Regional Closing Workshop of Transport and Climate Change in the ASEAN Region	GIZ	Olympia, Pullman Hotel Kuching	By invitation
PRE-EVENTS - Tuesday, 13 November				
09:00 - 17:30	MyCAS-led sessions <ul style="list-style-type: none"> • Air Quality Management and Climate Change • Air Quality and its Impact on Health • Clean Energy for Better Air Quality • Big Data Applications and Air Pollution Modelling • Air Pollution Control and Technologies • Indoor Air Pollution • Sustainable Transport Solutions for Cities • Air Pollution Monitoring and Process 	The Clean Air Forum Society of Malaysia (MyCAS)	Rooms 2 & 3, 12, 13, BCCK	Open Sessions
13:00 - 17:00	Malaysia Focus Group Discussion	Ministry of Energy, Technology, Science, Climate Change and Environment of Malaysia (MESTECC), and Department of Environment of Malaysia (DOE)	Room 6, BCCK	By invitation
08:30 - 12:00	Capacity Building Programme for National Air Quality Managers	UN Environment, Asia Pacific Clean Air Partnership, and Asian Institute of Technology	Petra, Pullman Hotel Kuching	By invitation
08:30 - 12:00	Consultation Meeting on Regional Policy / Governmental Meetings on Urban Air Quality in Asia	UN Environment, Clean Air Asia	Eiffel 1, Level 1, Pullman Hotel Kuching	By invitation
09:00 -17:00	2nd APEC Workshop on Policy Dialogue on Fuel Economy & 4th Forum of the ASEAN Fuel Economy Platform	APEC, GIZ and, UN Environment	Rooms 4 & 5, BCCK	By invitation
09:00 -17:00	Estimating the Benefits of Improving Air Quality: Intro to the BenMAP-CE Tool	U.S. Environmental Protection Agency	Room 8, BCCK	Pre-registration
09:00 -17:00	AirNow International Collaboration Meeting, Messaging and Outreach and AirNow System and Big Data Demo	U.S. Environmental Protection Agency	Rooms 9, BCCK	Pre-registration

SIDE EVENTS (14-16 NOVEMBER)

Date/Time	Title	Organisers	Venue	Remarks
Wednesday, 14 November				
09:00 - 17:00	Training on Time Series Analysis for Air Quality and Health	UN Environment	Giza Room, Level 2, Pullman Hotel Kuching	By invitation
13:30 - 15:00	IBAQ Advisory Group Meeting	Clean Air Asia	Room 7, BCCK	Closed meeting
17:00 - 20:00	Walkability and Air Sensing Tour	ITDP, Sonoma Technology, UNIMAS, UiTM, Clean Air Asia	Streets in Kuching city; tour ends at The Old Courthouse, Commons Room	Limited slots; pre-registration is required
18:00 - 19:30	BAQ Meet-Up: Air Quality Flags Program for Schools (Workshop)	U.S. Environmental Protection Agency	The Granary + Bar 23, Wayang St, Kuching Town	Open event
18:30 onwards	BAQ Meet-Up: Air Sensor Stakeholders' Meet-up	TD Environmental Services Clean Air Asia	The Old Courthouse 7, Jalan Barrack, 93000 Kuching, Sarawak, Malaysia	Open event
	BAQ Meet-Up: CSO meet-up on Air Pollution and Clean Energy Initiatives	Clean Air Asia	The White Barouk Kuching Town Land District, Tebingan Kuching, Jalan Tunku Abdul Rahman	By invitation
18:30 - 20:00	BAQ Meet-Up: Technology Transfer for Air Pollution and the Needs of Indian Cities	Clean Air Asia	Giza Room, Level 2, Pullman Hotel Kuching	Closed meeting
Thursday, 15 November				
09:00 - 12:00	Training on Time Series Analysis for Air Quality and Health	UN Environment	Giza Room, Level 2, Pullman Hotel Kuching	By invitation
10:30 - 12:00	Air Pollution and Children's Health	US Environmental Protection Agency	Rooms 2&3, BCCK	Closed meeting
10:30 - 11:00	Fuel Economy Chatbot/App Launch	GIZ	Launch Pad, Concourse A, BCCK	Open event
12:30 - 13:30	IBAQ e-Learning Launch	Clean Air Asia	Room 6, BCCK	By invitation
13:00 - 14:30	Strategising Health Effects Communication and Other Health Initiatives in India	Clean Air Asia	Room 7, BCCK	By invitation
13:30 - 17:00	Project Workshop: Air quality assessments for health and environment policies in Africa and Asia-Pacific	UN Environment	Machu Picchu, Level 2, Pullman Hotel Kuching	By invitation
13:30 - 15:30	Stakeholder Consultation Workshop: A New Research Agenda for Sustainable Transport in Low Income Countries	IMC Worldwide	Room 13, BCCK	By invitation
15:00 - 15:30	UN Environment Air Quality and Mobility Program Launch	UN Environment	Launch Pad, Concourse A, BCCK	Open event
17:00 - 18:00	BreatheLife Cities Signing Ceremony	CCAC, Clean Air Asia	Launch Pad, Concourse A, BCCK	Open event
Friday, 16 November				
08:00 - 17:00	Pilot Delivery of the Training Toolkit on Urban Air Quality Management for Emerging Economies	UN Environment, Asia Pacific Clean Air Partnership, Clean Air Asia	Room 6, BCCK	By invitation