



Strategies and Practices for Water Pollution Enforcement Workshop

November 8 - 10, 2016 at B1 North & South Gates

Shangri-La's Far Eastern Plaza Hotel, Taipei, R.O.C (Taiwan)

DAY 1: 8 November 2016

08:30 – 09:00 Registration

SESSION 1 Opening Ceremony and Welcoming Remarks

09:00 – 09:45

Welcoming remarks
Mr. Ying-Yuan Lee, Minister of Environmental Protection Administration, Taiwan (EPAT)
 Representative from Ministry of Foreign Affairs
 Representative from AIT
Mr. Davis Jones, Acting Director, International Compliance Assurance Division, Office of Enforcement and Compliance Assurance, U.S. Environmental Protection Agency (USEPA)
Dr. Peter King, Head of Secretariat, Asian Environmental Compliance and Enforcement Network (AECEN)

09:45 – 10:00

Keynote Speech-The Strategy and Effectiveness of Environmental Enforcement in Taiwan
Mr. Ying-Yuan Lee, Minister of Environmental Protection Administration, R.O.C. (Taiwan)

10:00 – 10:30 Group Photo and Break

PANEL 1 Control Strategy of Water Pollution

Chair: Mr. Davis Jones, Acting Director, International Compliance Assurance Division, Office of Enforcement and Compliance Assurance, U.S. Environmental Protection Agency

10:30 – 10:45

Next Generation Regulatory Design to Improve Compliance and Enforcement
 Mr. Phengkhamla Phonvisai, Deputy Director General, Pollution Control Department, Ministry of Natural Resources and Environment, Lao PDR

10:45 – 11:00

Establishing Self-Monitoring Regimes for Wastewater Treatment through the Environmental Assessment Process
 Ms. Emma Marsden, Environment Specialist, Sustainable Development and Climate Change Department, Asian Development Bank (ADB)

11:00 – 11:15

Guided Self-Regulation Approach on Hazardous Waste Management in Malaysia
 Mr. Zaidi Mohamed, Principal Assistant Director, Environment Institute Of Malaysia (EiMAS), Department Of Environment, Ministry of Natural Resources and the Environment (MoNRE), Malaysia

11:15 – 11:30

Could international guidelines help to improve environment quality in our Asian countries?
 Ms. Wimalin Klaewtanong, Environmentalist, Senior Professional, Water Quality Management Bureau, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand

11:30 – 11:45

Water Pollution: Sources and Control Strategies in Singapore
 Mr. Sivapalan Perumal, Senior Engineer, Pollution Control Department, National Environment Agency, Singapore



11:45 – 12:30	Open Discussion and Conclusion
12:30 – 13:30	Lunch

PANEL 2	
Water Pollution Inspection Practices	
Chair: <i>Mr. Tsu-Nong Chiang, Deputy Inspector General, Bureau of Environmental Inspection, Environmental Protection Administration, R.O.C. (Taiwan)</i>	
13:30 – 13:45	Inspections for Environmental Protection and Tracing Sources of Pollution: A Case of Wastewater Discharge and Soil Contamination <i>Mr. Chien-Hsing Lu, Technical Specialist, Bureau of Environmental Inspection, Environmental Protection Administration, R.O.C. (Taiwan)</i>
13:45 – 14:00	Water Pollution Inspection Practices and Linkages to Environmental Permits in Indonesia <i>Mr. Firdaus Alim Damopolii, Section Head, Directorate General of Law Enforcement for Environment and Forestry, Ministry of Environment and Forestry, Indonesia</i>
14:00 – 14:15	Latest Data on Water Pollution in Khyber Pakhtunkhwa Province of Pakistan <i>Dr. Muhammad Bashir Khan, Director General, Environment Protection Agency (EPA), Pakistan</i>
14:15 – 14:30	Geographical Information System of Water Quality Protection in Taiwan <i>Mr. Hung-Ta Lin, Section Chief, Department of Water Quality Protection, Environmental Protection Administration, R.O.C. (Taiwan)</i>
14:30 – 15:00	Open Discussion and Conclusion
15:00 – 15:30	Break

PANEL 3	
Technology Used in Water Pollution Inspections	
Chair: <i>Dr. Supat Wangwongwatana, Coordinator/ EANET Secretariat, Network Support Regional Resource Centre for Asia and the Pacific (RRC.AP)</i>	
15:30 – 15:45	The Development of an IoT Enabled Environmental Monitoring System Based on the Bluetooth Broadcasting Technology <i>Mr. Peng-Yau Wang, General Manager, SWEETEK Inc., R.O.C. (Taiwan)</i>
15:45 – 16:00	Development and Use of an Integrated Monitoring Platform for Remote Environmental Sensor Systems <i>Mr. Daren Vanlerberghe, Environmental Engineer, U.S. Environmental Protection Agency, National Enforcement Investigation Center (NEIC)</i>
16:00 – 16:15	Challenges in the Use of Real-time Monitoring Tools at Discharge Location <i>Mr. Somsanouk Phommakhot, Director of Division, Pollution Control Department, Ministry of Natural Resources and Environment, Lao PDR</i>
16:15 – 16:30	Water Pollution Control through Environmental Protection Licensing Procedure and Enhanced Compliance Monitoring Programmes <i>Mr. K. H. Muthukudaarachchi, Director General, Environmental Management and Assessment Central Environmental Authority, Sri Lanka</i>



AMERICAN
INSTITUTE IN
TAIWAN
美國在台協會



16:30 – 17:00	Open Discussion and Conclusion
17:00	Day Closing
18:30	Welcome Banquet (Invited domestic and foreign guests only)

DAY 2: 9 November 2016	
08:30 – 09:00	Registration

PANEL 4	Water Pollution Control and Enforcement: Status and Challenges and Success Stories in Asian Countries (Part 1) 4 Countries, each speaker is limited to 15 minutes.
Chair: <i>Dr. Peter King, Head of Secretariat, Asian Environmental Compliance and Enforcement Network (AECEN)</i>	
09:00 – 09:15	Water Pollution Control and Enforcement Status and Challenges in Indonesia <i>Mr. Turyawan Ardi, Head of Administrative Sanction, Directorate of Complaints, Inspection, and Administrative Sanction, Directorate General of Law Enforcement for Environment and Forestry, Ministry of Environment and Forestry, Republic of Indonesia</i>
09:15 – 09:30	Water Pollution Control and Enforcement Status and Challenges in Malaysia <i>Mr. Mokthar Abdul Majid, Deputy Director General (Operation), Department of Environment, Ministry of Natural Resources and the Environment (MoNRE), Malaysia</i>
09:30 – 09:45	Water Pollution Control and Enforcement Status and Challenges in Maldives <i>Mr. Ali Mishal, Engineer, Environmental Protection Agency, Ministry of Housing and Environment, Maldives</i>
09:45 – 10:00	Water Pollution Control and Enforcement Status and Challenges in Myanmar <i>Dr. San Oo, Director, Environmental Conservation Department, Ministry of Natural Resources and Environmental Conservation (MoNREC), Myanmar</i>
10:00 – 10:15	Open Discussion and Conclusion
10:15 – 10:30	Break

PANEL 4	Water Pollution Control and Enforcement: Status and Challenges and Success Stories in Asian Countries (Part 2) 4 Countries, each speaker is limited to 15 minutes.
Chair: <i>Ms. Chochoe Devaporihartakula, Programme Manager, Asian Environmental Compliance and Enforcement Network (AECEN)</i>	
10:30 – 10:45	Water Pollution Control and Enforcement Status and Challenges in Mongolia <i>“Mongolia Environmental Impact Assessment process and legalization reform”</i> <i>Ms. Bunchinjav Perenleikhagva, Director of Environmental Impact Assessment and Audit Division, Ministry of Environment and Tourism, Mongolia</i>
10:45 – 11:00	Water Pollution Control and Enforcement Status and Challenges in the Philippines <i>Ms. Leza A. Cuevas, Supervising Environmental Management Specialist, Water Quality Management Section, Environmental Quality Division, Environmental Management Bureau, Department of Environment and Natural Resources, the Philippines</i>



AMERICAN
INSTITUTE IN
TAIWAN
美國在台協會



11:00 – 11:15	Water Pollution Control and Enforcement Status and Challenges in the Thailand <i>“Environmental Investigation and Law Enforcement: A Case of Massive Death of Cultivated and Natural Fishes in Chao Phraya River”</i> <i>Dr. Supat Wangwongwatana, Coordinator/ EANET Secretariat, Network Support Regional Resource Centre for Asia and the Pacific (RRC.AP), Thailand</i>
11:15 – 11:30	Water Pollution Control and Enforcement Status and Challenges in the Vietnam <i>Mr. Nguyen Nhan Hue, Deputy Head, Division of Water and Soil Pollution Control, Pollution Control Department, Vietnam Environment Administration, Ministry of Natural Resources and Environment, Vietnam</i>
11:30 – 11:45	Open Discussion and Conclusion
11:45 – 12:00	Conclusion <i>Dr. Peter King, Head of Secretariat, Asian Environmental Compliance and Enforcement Network (AECEN)</i>
12:00 – 13:00	Lunch

SESSION 2	Asian Environmental Compliance and Enforcement Network
<i>Facilitators will be assigned by each group discussion</i>	
13:00 – 15:00	<i>Identification of 5 Top Priorities for Technical Assistance and Cooperation in Water Pollution Control Compliance and Enforcement</i>
15:00 – 15:15	Break and Travel to EPAT
15:30 – 17:00	Visit EPAT <i>Meet with representatives from each department of EPAT</i>
17:00	Day Closing

DAY 3: 10 November 2016	
08:00 – 12:30	Site Visit to the Wastewater Treatment Plant in HsinChu Science Park
12:30 – 13:30	Lunch
15:00	Day Closing (Back to Taipei)

Asian Environmental Compliance and Enforcement Network (AECEN)	
Chair: <i>Dr. Peter King, Head of Secretariat, Asian Environmental Compliance and Enforcement Network (AECEN)</i>	
16:00 – 18:30	AECEN Executive Committee Meeting (Invitation Only)