BAQ 2006 Workshop Format: Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>13 December</th>
<th>14 December</th>
<th>15 December</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.30 - 10.00</td>
<td>Opening Session</td>
<td>AQM in Indonesia</td>
<td>2006 Asian AQM Champion</td>
</tr>
<tr>
<td>10.00 - 10.30</td>
<td>Coffee/Tea</td>
<td>Coffee/Tea</td>
<td>Coffee/Tea</td>
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<tr>
<td>10.30 - 12.00</td>
<td>Sub-plenary Sessions</td>
<td>Sub-plenary Sessions</td>
<td>Sub-plenary Sessions</td>
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<tr>
<td>12.00 - 13.30</td>
<td>Lunch</td>
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<tr>
<td>13.30 - 15.00</td>
<td>Thematic Sub-workshop Sessions</td>
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<tr>
<td>15.00 - 15.30</td>
<td>Coffee/Tea</td>
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<tr>
<td>15.30 - 17.00</td>
<td>Best Practices Exhibit/ Poster Session</td>
<td>Country Sub-workshops</td>
<td>Closing Session</td>
</tr>
<tr>
<td>17.00 - 18.00</td>
<td>Reception and Networking Session</td>
<td>Networking Session</td>
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<td>19.00 onwards</td>
<td>Evening Social Event</td>
<td>Evening Social Event</td>
<td>BAQ 2006 Closing Party</td>
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Draft BAQ Program: Plenary, Sub-plenary, & Sub-workshop Sessions
(As of 01 December 2006)

Day One – 13 December 2006, Wednesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Subject</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08.30 - 10.00</td>
<td>Plenary 1: Opening Ceremony</td>
<td>Dahlan Thaib, Acting Mayor, Yogyakarta City</td>
</tr>
<tr>
<td></td>
<td>• Welcome remarks and speeches of senior officials and representatives</td>
<td>Kazunobu Onogawa, Director United Nations Center for Regional Development</td>
</tr>
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<td></td>
<td>from Indonesia and development institutions in Asia</td>
<td>Kong Ha, Chairperson, Clean Air Initiative for Asian Cities</td>
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<td></td>
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<td>Andrew Steers, Country Director, World Bank Indonesia</td>
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<td></td>
<td></td>
<td>Bindu Lohani, Director General, Regional and Sustainable Development</td>
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<td>Department, Asian Development Bank</td>
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<td></td>
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<td>Sultan Hamengku Buwono X, Governor, Special Regional Yogyakarta</td>
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<td>Rachmat Witoelar, Minister, State Ministry of Environment, Indonesia</td>
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<td>Abu Rizal Bakrie, Coordinating Minister for Social Welfare, Indonesia</td>
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<td>Michal Krzyzanowski, WHO Regional Adviser, Air Quality and Health</td>
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<td>Head of the Office, WHO European Centre for Environment and Health</td>
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<tr>
<td>10.00 - 10.30</td>
<td>Coffee/Tea</td>
<td>Inauguration of the Workshop</td>
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<td>Keynote Address</td>
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<tr>
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<tbody>
<tr>
<td>10.30 - 12.00</td>
<td><strong>Stream 1: General Air Quality Management</strong></td>
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<tr>
<td></td>
<td>Sub-plenary Session 1: Ambient Air Quality Standards Relevant to Asia</td>
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<td></td>
<td>Venue: Bromo</td>
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<tr>
<td></td>
<td>• Present and discuss the new ambient air quality guidelines and standards developed by the World Health Organization (WHO), European Union (EU), and the United States Environmental Protection Agency (US EPA) and discuss their relevance for Asia</td>
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<td></td>
<td><strong>Session Chair: Daniel Greenbaum, President, Health Effects Institute</strong></td>
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<tr>
<td></td>
<td>New WHO Ambient Air Quality Guideline and their Relevance for Setting and Implementing Ambient Air Quality Standards in Asia</td>
<td>Michal Krzyzanowski, WHO Regional Adviser, Air Quality and Health, Head of the Office, WHO European Centre for Environment and Health</td>
</tr>
<tr>
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<td>Review Process of PM standards in the USA and Relevance for Asia</td>
<td>Scott Voorhees, Environmental Scientist, US EPA</td>
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<td>New Ambient Air Quality Standards in Europe</td>
<td>Dieter Schwela, Senior Scientist, Stockholm Environment Institute, York, UK</td>
</tr>
<tr>
<td></td>
<td>Ambient Air Quality Standards in Asia; Is there a Trend towards Stricter Standards?</td>
<td>Bebet Gozun, Head of AECEN Secretariat., Former Secretary of Department of Environment and Natural Resources Philippines</td>
</tr>
</tbody>
</table>

| 10.30 - 12.00 | **Stream 2: Reducing Emissions from Mobile Sources**                     |                                                                        |
|               | Sub-plenary Session 2: Sustainable Urban Public Transport in Asia        |                                                                        |
|               | Venue: Semeru                                                           |                                                                        |
|               | • Provide an overview of sustainable urban public transport policies and developments in Asia and elsewhere |                                                                        |
|               | **Session Chair: Malik Zahir ul-Islam, Director General, Karachi Mass Transit Cell, City District Government, Pakistan** |                                                                        |
|               | CIVITAS – Practical Experiences from a European Clean Urban Transport Initiative | Siegfried Rupprecht, Rupprecht Consult - Forschung & Beratung GmbH |
|               | Public Transport Integration – Lessons Learned from Europe and their Relevance for Asia | Hans-Jörg von Berlepsch, Managing Director, Traffiq, Frankfurt, Germany |
|               | National Urban Transport Policy in India, a reorientation in urban transport thinking in India | Shreekant Gupta, Director, National Institute of Urban Affairs, India |
|               | Singapore’s Experience in Managing a Sustainable, Integrated Transport System | Loh Chow Kuang, Deputy Director, LTA Academy Land Transport Authority, Singapore |
|               | Guidelines for Urban Transport in China                                  | TBD                                                                    |

| 10.30 - 12.00 | **Stream 3: Stationary, Area Sources and Indoor Air Pollution**         |                                                                        |
|               | Sub-plenary Session 3: Reducing Emissions from Coal Combustion          |                                                                        |
|               | Venue: Merapi                                                          |                                                                        |
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Subject

- Present technological and policy-based approaches to reduce emissions from coal combustion
- This session is co-organized by the Air and Waste Management Association of the U.S.

Session Chair: Dave Calkins, Principal Air Quality Advisor, Sierra Nevada Air Quality Group and Chair, International Activities Committee, Air & Waste Management Association

**Engineering Better Air Quality**

Tomas Maramba, Senior Engineer, Process Engineering Group Supervisor, Gasification Product Development Center, Oil, Gas, and Chemicals Global Business Unit, Bechtel Corporation, Houston, Texas, U.S.A.

**Overview of SO2 Control Plans in 13 Chinese cities**

Ren Hongyan, Deputy Director, State Environmental Protection Agency, PRC

**The Power Sector and Environmental Protection in Italy and EU**

Allegrini Ivo, Director, Institute for Atmospheric Pollution, Italian Ministry for the Environment, Land and Sea

**Emission Trading as a Strategy to Reduce Emissions from Coal-fired Power Plants**

Kevin Rosseel, Director Communication, Climate Change Division, US EPA

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**Stream 4: Global Issues**

Sub-plenary Session 4: Cobenefits of Climate Change Mitigation and Urban Air Quality Management

Venue: Solo Tent

- Review and discuss the scientific basis and policy cobenefits of urban air quality management and climate change mitigation

Session Chair: Paul Butarbutar, Senior Project Manager, PT EcoSecurities, Indonesia

**U.S. EPA’s Integrated Strategies (IES) Program: the Cobenefits of Reducing Air Pollutants and Greenhouse Gases**

Isabel De Luca, Country Manager, Integrated Environmental Strategies Program, Office of Air and Radiation, US EPA

**Cobenefits and Co-Controls: An Approach for China to Combine Climate Change and Local Air Pollution Control**

Hu Tao, Chief Economist, Policy Research Center for Environment and Economy of State Environmental Protection Administration of China

**The Cobenefits Principle and its Relevance for a Multilateral Development Bank**

David McCauley, Senior Environment Economist, Asian Development Bank

**Overseas Environmental Cooperation Center (Japan) - Asia-Pacific Seminar: Results and Recommendations**

Makoto Kato, Researcher, Overseas Environmental Cooperation Center (Japan)

**Climate Change Mitigation and Air Quality Management in California, USA**

Curtis Moore, Editor, Health and Clean Air Newsletter

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12.00 - 13.30

**Lunch**

13.30 - 15.00

**Sub-workshop Sessions**

Stream 1: General AQM

**SW 1: Policy-Relevant Information on the Health Effects of Air Pollution in Asia**

Venue: Merapi 2

- Integrate health science issues into the AQM policy framework for Asia

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**Session Chair:** Aaron Cohen, Principal Scientist, Health Effects Institute, USA

**Subject**
- Present and discuss the results of the Public Health and Air Pollution Project of the Health Effects Institute and CAI-Asia

**Speaker**
- Bob O'Keefe, Vice President, Health Effects Institute
  - An Overview of the Existing Literature on the Health Effects of Air Pollution in Asia, including PAPA-SAN, Implications of the PAPA results for Health Impact Assessment

- Nuntavarn Vichit-Vadakan, Dean, The Faculty of Public Health, Thammasat University
  - Recent Results from PAPA Research in Bangkok, Hong Kong, Wuhan, and Shanghai
  - Results of PAPA Research in India
  - Air Pollution, Poverty, and Public Health in Ho Chi Minh City

- Kalpana Balakrishnan, Professor and Head Department of Environmental and Health Engineering, Sri Ramachandra Medical College and Research Institute, Chennai, India
  - Discussion of Remaining Knowledge Gaps – Perspectives from Stakeholders

**Panel Discussion**

---

**Stream 1:** General AQM

**SW 2: Impacts of Air pollution and Climate Change on Agriculture, Biodiversity, Food Security and Water Resources**

Venue: Jakarta Tent

- Provide an assessment of the impacts of air pollution (especially Ozone and Acid Rain) and Climate Change on agricultural yields, biodiversity, food security and water resources
- Discuss the project investigating these issues under the Core Environment Program of the Greater Mekong Sub-region Program of the Asian Development Bank

**Session Chair:** Frank Murray, Associate Professor, Murdoch University, Perth, Australia

- Piraporn Petchtong, Environment Officer, Pollution Control Department, Bangkok Thailand
  - Regional Air Pollution in the Greater Mekong Sub-region: Sources, Concentrations and Trends for Acid Rain and Ozone

- Lisa Emberson, Senior Research Fellow, Stockholm Environment Institute, York, UK
  - Impacts of Acid Rain and Ozone in the Greater Mekong Sub-region

- Frank Murray, Associate Professor, Murdoch University, Perth, Australia
  - Strengthening Capacities to Adapt to the Effects of Climate Change and Regional Air Pollution on Crops Forests and Water Availability

---

**Stream 1:** General AQM

**SW 3: Urban and National AQM Strategies in Asia**

Venue: Bromo 2

- Showcase a number of case studies on new strategies on urban air quality management in Asia

**Session Chair:** Nhu Phan Quynh, Deputy Project Manager, Swisscontact Vietnam
### Stream 1: General AQM

#### SW 4: AQ Modeling and Forecasting
Venue: Bromo 1

- Discuss the use of air quality modeling and forecasting in AQM policy-making and implementation in Asia

**Session Chair:** Daniel McNamara, Executive Director, Manila Observatory

- **The PREV'AIR system: An Operational System for Air Quality Monitoring and Forecasting**
  - Frederik Muleux, Engineer, National Institute for Industrial Environment and Risks (INERIS), France

- **Modeling Air Quality in Ho Chi Minh City, Vietnam**
  - Bjarne Sivertsen, Associate Research Director, Norwegian Institute for Air Research (NILU)

- **A Real-time Air Quality Modeling System for Hong Kong and its Vicinity**
  - Christopher Fung, Senior Environmental Protection Officer, Hong Kong Environmental Protection Department

- **Photochemical Smog Pollution in Jakarta and Management Strategy Development using CAMx-MM5 Modeling System**
  - Didin Agustian Permadi, Master Student of Environmental Engineering and Management, Asian Institute of Technology

### Stream 2: Reducing Emissions from Mobile Sources

#### SW 5: Bio-fuels and Alternative Fuels
Venue: Solo

- Assess the rapidly growing interest on bio-fuels and other alternative fuels in terms of impact on air quality and climate change

**Session Chair:** Meshkat Ahmed Chowdhury, Deputy Secretary (Administration), Energy and Mineral Resources Division, Ministry of Power, Energy and Mineral Resources, Bangladesh

- **Bio-fuel Policies and World-wide Examples**
  - Tobias Denys, Researcher, VITO, Belgium

- **Bio-fuels Development in Indonesia**
  - Alhilal Hamdi, Chairman, Government Panel for Biofuels Development in Indonesia

- **Vehicle Exhaust Emission Comparison on Four Fuels**
  - H.A. Verbeek, Consultant, NGV Holland

- **Future Transportation Fuel**
  - John Unsworth, Technology Manager - Fuels Strategy & Alternative Fuels, Shell Global Solutions, UK

### Stream 2: Reducing Emissions from In-use Vehicles

#### SW 6: Reducing Emissions from In-use Vehicles
Venue: Merapi 1

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### Time

**Emissions from Mobile Sources**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Review the I&amp;M debate and showcase the experiences of Asian countries in implementing I&amp;M</td>
<td>Session Chair: He Kebin, Professor, Tsinghua University, PRC</td>
</tr>
<tr>
<td>EU Efforts to Reduce Emissions from Heavy-duty Vehicles</td>
<td>Axel Friedrich, Head of Division, Environment and Transport Umweltbundesamt, Germany</td>
</tr>
<tr>
<td>Developing Integrated Emission Strategies for Existing Land Transport (DIESEL) Project</td>
<td>Mingguan Wichayarungsaridh, Director, Air Quality and Noise Management Bureau, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand</td>
</tr>
<tr>
<td>Better Driving Technique – Effective Control of Pollution</td>
<td>Ashutosh A. Atray, Technical Consultant, ORIX Auto &amp; Business Solutions Limited, India</td>
</tr>
</tbody>
</table>

### Stream 2: Reducing Emissions from Mobile Sources

**SW 7: Financing of Sustainable Urban Transport**

Venue: Bromo 3

<table>
<thead>
<tr>
<th>Subject</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Present and discuss various schemes including Public Private Partnerships in financing urban public transportation</td>
<td>Session Chair: Manfred Breithaupt, Senior Transport Advisor, GTZ - Deutsche Gesellschaft für Technische Zusammenarbeit, Germany</td>
</tr>
<tr>
<td>The Use of PPP for Financing and Operating BRT systems</td>
<td>Geert Jan Engelsman, Consultant, Rebel Group Advisory, Netherlands</td>
</tr>
<tr>
<td>Rationalizing the Subsidy Allocated to Rail Mass Transits: the Case of the Metro Rail Transit line 3 (MRT 3) in EDSA, Philippines</td>
<td>Ruzette Morales Mariano, Graduate Student, University of the Philippines School of Economics, Diliman</td>
</tr>
<tr>
<td>Financing BRT in China</td>
<td>Walter Hook, Director, Institute for Transportation and Development Policy</td>
</tr>
</tbody>
</table>

### Stream 3: Stationary, Area Sources and Indoor Air Pollution

**SW 8: Mitigation of Emissions from Major Stationary Sources**

Venue: Hyatt Meeting Room

<table>
<thead>
<tr>
<th>Subject</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>• Present and discuss the monitoring and control strategies in managing emissions from power plants and other large industrial sources</td>
<td>Session Chair: Roland Haas, Senior Planning Officer, GTZ - Deutsche Gesellschaft für Technische Zusammenarbeit, Germany</td>
</tr>
<tr>
<td>• This session is co-organized by the Air and Waste Management Association of the U.S.</td>
<td></td>
</tr>
<tr>
<td>Clean Air Regulation for Stationary Sources - Best Available Techniques as Innovation in Countries with Emerging Economies</td>
<td>Representative, Department of Environment, Malaysia (TBD)</td>
</tr>
<tr>
<td>Barriers to Adoption of Clean and Efficient Technologies in the Indian Power Sector: An</td>
<td>Anoop Singh, Assistant Professor, Indian Institute of Technology, Kanpur, India</td>
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<td>Shell</td>
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</tbody>
</table>
SW 9: Linkages between Indoor and Outdoor Air Pollution
Venue: Yogyakarta

- Develop a better understanding of the relationships between indoor and outdoor air pollution
- This session is co-organized by the Partnership for Clean Indoor Air

Session Chair: Sumeet Saksena, Fellow, The East-West Center, Hawaii, USA

Indoor-Outdoor Relationships of Respirable Suspended Particulate Matter in Two Poor Urban Communities of Delhi
Sumeet Saksena, Fellow, The East-West Center, USA

Source Apportionment of Personal Exposure of Fine Particulates in Different Microenvironments
Shamsh Pervez, Reader, Ravishankar Shukla University, India

Asia Regional Cookstove Program
Christina Aristani, Manager, Asia Regional Cookstove Program

Relationship between Indoor Air Quality with Air Conditioning and Health Disorders
Corie Indria, Post Graduate Student, Department of Environmental Health, Airlangga University, Indonesia

SW 10: Travel Demand Reduction as a Co-benefits Policy Tool
Venue: Merapi 3

- Discuss an overall framework for greater synergy between environmental and transport policy objectives
- This session is organized by the Institute of Global Environmental Strategies (IGES)

Session Chair: Naoko Matsumoto, Policy Researcher, IGES

Local Priority and Carbon Concerns – Role of Co-benefit Approach in Asian Urban Transport Scenario
Shobakar Dhakal, Executive Director, Global Carbon Project - Japan International Office

Reduction of Travel Demand in Yokohama through Urban Planning Practices: in the Context of Integrating Global Environmental Concerns into Local Environmental Management
Noriko Kono, Researcher, Institute for Global Environmental Strategies

Promoting Travel Demand Reduction in Transport Sector in Cities of Asian Developing Countries: case of Bangkok
Ranjith Perera, Assistant Professor & Coordinator, Asian Institute of Technology, Thailand

Shanghai from Dense Mono-center to Organic Poly-Center Urban Expansion
Pan Haixiao, Professor, Tongji University, Shanghai, P.R. China

SW 11: Trade-offs and Synergies of Integrating Carbon Management to Air Quality

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<td>Shell</td>
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</tbody>
</table>
### Global Issues

**Management and Reducing Emissions from Power Generation and Industrial Sources**

*Venue: Surabaya Tent*

- Analyze the trade-off between pursuing air quality objectives and greenhouse gas reductions in the power generation and industrial sector

**Session Chair:** Sergio Sanchez, Executive Director, Clean Air Institute (CAI-LAC)

<table>
<thead>
<tr>
<th>Co-benefits of Financing Vertical Shaft Brick Kilns in Nepal through CDM</th>
<th>Bhushan Tuladhar, Executive Director, ENPHO, Nepal</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDM and Urban Air Pollution: Partnerships Enhancing Synergies in Urban Air and Health in Kyoto Mechanisms</td>
<td>Nyoman Iswarayoga, Program Manager, Yayasan Pelangi, Indonesia</td>
</tr>
<tr>
<td>Co-benefit Study on Energy Policies: China Case</td>
<td>Yu Lei, Ph.D Candidate, Tsinghua University, China, P.R.</td>
</tr>
<tr>
<td><strong>Methane to Markets Partnership</strong></td>
<td>Kevin Rosseel, Communications Director, Climate Change Division, US EPA</td>
</tr>
</tbody>
</table>

15.00 - 15.30 **Coffee/Tea**

15.30 - 17.00 **Poster Session/Best Practices Exhibit**

17.00 -- **Reception and Networking Session**

19.00 -- **Evening Social Event: Reception at the Sultan’s Palace**

### Day Two – 14 December 2006, Thursday

<table>
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<tr>
<th>Time</th>
<th>Subject</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8.30 - 10.00</td>
<td><strong>Plenary 2: AQM in Indonesia</strong></td>
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<tr>
<td>8.30 - 10.00</td>
<td>• Present the status of air quality and air quality management in Indonesia</td>
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<tr>
<td>8.30 - 10.00</td>
<td>• Present the National Strategy and Action Plan of the Urban Air Quality Improvement Program for Indonesia</td>
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<tr>
<td>8.30 - 10.00</td>
<td>• Present the achievements and plans of Jakarta and Yogyakarta to manage urban air pollution</td>
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<tr>
<td>8.30 - 10.00</td>
<td><strong>The Blue Sky Program in Yogyakarta</strong></td>
<td>H. Herry Zudianto, Yogyakarta City</td>
</tr>
<tr>
<td>8.30 - 10.00</td>
<td><strong>Urban AQM in Indonesia, Current State and Management Responses</strong></td>
<td>Gempur Adnan, Deputy Minister for Environmental Pollution Control, State Ministry of Environment</td>
</tr>
<tr>
<td>8.30 - 10.00</td>
<td><strong>Strategies to Improve Urban Air Quality in Indonesia</strong></td>
<td>Bemby Urip, Deputy Minister for Environmental and Natural Resources, State Ministry of National Development Planning Agency</td>
</tr>
<tr>
<td>8.30 - 10.00</td>
<td><strong>PERTAMINA’s Role in the Development of Clean Energy</strong></td>
<td>Rusdi Erwin, Manager of Technology Process Pertamina State Oil Company</td>
</tr>
<tr>
<td>8.30 - 10.00</td>
<td><strong>NGO’s Perspective on AQM in Indonesia</strong></td>
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<td>Coffee/Tea</td>
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<tr>
<td>10.30 - 12.00</td>
<td><strong>Stream 1: General Air Quality Management</strong></td>
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<td><strong>Sub-plenary 5: Air Quality Monitoring</strong></td>
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<td><strong>Venue: Bromo</strong></td>
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<td></td>
<td>• Present the state-of-the-art and trends in air quality monitoring in Asia and other regions</td>
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<td></td>
<td><strong>Session Chair:</strong> Driejana, Faculty Member, Bandung Institute of Technology</td>
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<td></td>
<td>The Use of Satellite Observations and Earth Science Models for Air Quality</td>
<td>Erica Zell, Research Scientist, Batelle Memorial Institute, USA</td>
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<td>The Use of Passive Sampling in Designing an Optimized Continuous Air Quality Monitoring System</td>
<td>Maria Pia Ancora, Project Manager, Institute for Atmospheric Pollution, Italian Ministry for the Environment, Land and Sea</td>
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<td>Optimisation of Ambient Air Quality Monitoring Network for Maharashtra State in India</td>
<td>Dilip Boralkar, Member Secretary, Maharashtra Pollution Control Board, India</td>
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<td>Effect of Air Pollution Measured by Visibility on Daily Mortality in Hong Kong</td>
<td>TQ Thach, Research Scientist, Department of Community Medicine &amp; Unit for Behavioural Science, The University of Hong Kong (TBC)</td>
</tr>
<tr>
<td>10.30 – 12.00</td>
<td><strong>Stream 2: Reducing Emissions from Mobile Sources</strong></td>
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<td></td>
<td><strong>Sub-plenary 6: Two and Three Wheelers</strong></td>
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<td><strong>Venue: Semeru</strong></td>
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<td></td>
<td>• Review the rapid growth of 2-3 wheeled vehicles in Asia and their environmental impacts</td>
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<td>• Discuss appropriate emissions control strategies</td>
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<td><strong>Session Chair:</strong> Jitu Shah, Country Sector Coordinator, EASES, Southeast Asia, The World Bank</td>
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<td>The Role of Motorcycles and Three-wheelers in Urban Transportation in Asia</td>
<td>Herbert Fabian, Transport Specialist, CAI-Asia Secretariat</td>
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<td>The Transition to Electric Bikes in China: History and Key Reasons for Rapid Growth</td>
<td>Jonathan Weinert, PhD Candidate, University of California, Davis, USA</td>
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<td>The Management of Motorcycles in Thailand</td>
<td>Manwipa  Kuson, Pollution Control Department, Thailand</td>
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<tr>
<td>10.30 – 12.00</td>
<td><strong>Stream 3: Stationary, Area Sources and Indoor Air Pollution</strong></td>
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<td><strong>Sub-Plenary 7: Current Control Strategies for Industrial Emissions</strong></td>
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<td><strong>Venue: Merapi</strong></td>
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<td>• Assess the current status of emissions control strategies for industrial sources</td>
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<td>• This session is co-organized by the Air and Waste Management Association of the U.S.</td>
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<td><strong>Session Chair:</strong> Miriam Lev-on, The Lev-on Group, Vice-Chair, International Affairs Committee, Air &amp; Waste Management Association, USA</td>
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- UNESCAP
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- USAID
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Time Subject Speaker

10.30 – 12.00 Stream 4: Global Issues
Sub-plenary 8: Trade-offs and synergies of integrating climate change mitigation to air pollution and transportation policies in city and regions

Venue: Solo Tent

- Analyze the trade-offs between pursuing air quality objectives and greenhouse gas mitigation in the transport sector

Session Chair: Geetam Tiwari, TRIPP Chair Associate Professor, Transportation Research and Injury Prevention Programme, Indian Institute of Technology, Delhi

Climate Change Mitigation in the Transport Sector in Asia
Jamie Leather, Transport Specialist, Asian Development Bank

The Road-Based Passenger Mobility in India: Implications for Energy Demand and CO2 Emission
Sanjay K. Singh, Assistant Professor, Indian Institute of Technology Kanpur

Climate Change Mitigation and Transport in Developing Nations
Lew Fulton, Task Manager, Sustainable Transport, United Nations Environment Programme

Urban Transportation and Environment in Kathmandu valley - Integrating Global Carbon Concerns into Local Air Pollution Control
Shobhakar Dhakal, Executive Director, Global Carbon Project - Japan International Office

12.00 - 13.30 Lunch Break

13.30 - 15.00 Sub-workshop Sessions

Stream 1: General AQM

SW 12: Urban and National AQM Strategies in Asia
Venue: Merapi 1

- Present and discuss strategies controlling PM emissions
- Share experiences in controlling fine PM in Asian cities and other regions

Session Chair: Anumita Roychowdhury, Associate Director, Centre for Science and Environment, India

Particulate Matter Air Pollution Reduction Scenarios in Osaka, Houston, Bangkok and Seoul -- A Prospective Health Benefits
Scott Voorhees, Environmental Scientist, US EPA
**Stream 1: General AQM**

### SW 13: Area Source Emissions

**Venue:** Merapi 3

- Focus on the issue of open-burning and biomass burning in Asian countries
- Provide estimates on the extent of the problem and existing control strategies

**Session Chair:** Dieter Schwela, Senior Scientist, Stockholm Environment Institute, York, UK

- **Open Agro-residue burning in Asia and Potential Effects on Air Quality, Health and Climate**
  - **Speaker:** Kim Oanh N. T, Associate Professor, Asian Institute of Technology

- **Emission Factor Development for Open Burning in the Mekong Sub-region**
  - **Speaker:** Savitri Garivait, Assistant Professor, King Mongkut's University of Technology/ Mahidol University, Thailand

- **Contribution of Mount Merapi Volcano Emission During Quiescent state to background SO₂**
  - **Speaker:** Regina Purie, Environmental Management Research Group, Bandung Institute of Technology, Indonesia

- **Strategy to Prevent Air Pollution from Open Burning of Domestic Waste in Indonesia**
  - **Speaker:** Mohamad Helmy, Assistant Deputy, Ministry of Environment, Indonesia

### SW 14: Alternative Approaches to AQ Monitoring

**Venue:** Surabaya Tent

- Discuss the effectiveness and relevance of alternative approaches to continuous air quality monitoring for regulatory purposes

**Session Chair:** Wing-tat Hung, Associate Professor, Hong Kong Polytechnic University

- **Air Quality Estimate in Delhi from Satellite Remote Sensing: Retrieval and Validation**
  - **Speaker:** Naresh Kumar, Assistant Professor, Department of Geography, University of Iowa

- **Personal Exposure Measurement of Carbon monoxide and PM_{2.5} in Jakarta 2005**
  - **Speaker:** Budi Haryanto, Head, Department of Environmental Health, University of Indonesia

- **The Advantages of Road-side Air Pollution Data for Identifying Priority in Traffic Management and Urban Hotspot Monitoring**
  - **Speaker:** Driejana, Faculty Member, Bandung Institute of Technology

- **Measurement of Ambient Concentration of Na**
  - **Speaker:** Zulfiqar Lodhi, Chief Chemist, Pakistan Environmental
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- WHO
- World Bank

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Stream 1: General AQM

**SW 15: Public Participation in AQM**

**Venue:** Bromo 3

- Highlight the relevance of engaging the regulated community and general public
- This session is co-organized by the Asia Enforcement and Compliance Environment Network (AECEN) sponsored by the United States Agency for International Development and ADB

**Session Chair:** Bebet Gozun, Head of AECEN Secretariat, Former Secretary of the Philippine Department of Environment and Natural Resources

**Evaluation of Mandatory Disclosure of Automotive Emissions in Indonesia**

- Edy Purwanto Bakri, Head of Policy Development, Ministry of Environment

**Public Hotline on Environmental Issues in PRC**

- Li Xiaojing, Department of Environmental Protection Inspection, SEPA

**Citizen Monitoring under the United States Clean Air Act**

- Mamiie Miller, Chief, Air Compliance Branch, US EPA

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Stream 2: Reducing Emissions from Mobile Sources

**SW 16: Tail-pipe Emissions from 2-3 wheelers**

**Venue:** Jakarta Tent

- Present and discuss information on technological advances in reducing emissions of 2-3 wheelers
- Discuss the inspection and maintenance of 2-3 wheelers in Asia

**Session Chair:** Don Jayaweera, Executive Director for National Council for Economic Development, Ministry of Finance and Planning, Sri Lanka

**I-M of 2-3 Wheelers, an Overview of the Asian Experience**

- M.N. Muralikrishna, Technical Adviser of TVS Motor Company, India

**Direct Injection Retrofit Kit – A Field Validation Trial**

- Bryan Willson, Professor of Mechanical Engineering, Colorado State University and Board of Director, Envirofit

**Air and Noise Pollution Reduction for the Tricycle Sub-sector in Puerto Princesa City, Philippines**

- Jovenee Sagun, City Planning and Development Coordinator, Puerto Princesa City, Philippines

**Environmental Impacts of E-bikes in China, P.R.**

- Chris Cherry, Graduate Student Researcher, Institute of Transportation Studies, University of California, Berkeley, USA

---

Stream 2: Reducing Emissions from Mobile Sources

**SW 17: Bus Rapid Transit (BRT)**

**Venue:** Bromo 2

- Review recent experience on BRT planning and operations in Asia as well as in Latin America
- Discuss the feasibility of mainstreaming BRT in urban transport planning in Asia

**Session Chair:** Dinesh Mohan, Professor and Coordinator, Transportation Research and Injury Prevention Programme, Indian Institute of Technology, Delhi

**Overview of BRT Experience in Latin**

- Ulises Navarro, Modelistica, / ITDP, Venezuela

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<tr>
<th>Time</th>
<th>Subject</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>America: Potential and Barriers</td>
<td>Carlos Pardo, Project Coordinator, Sustainable Urban Transport Project (SUTP) - GTZ</td>
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<tr>
<td>Impact Assessment of BRT Schemes</td>
<td>Dongquan He, Transport Program Officer, The Energy Foundation China</td>
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<tr>
<td>BRT in China: Potential and Barriers</td>
<td>Lee Schipper, Director Research, EMBARQ - World Resources Institute</td>
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<tr>
<td>Development of a High-Performance BRT Simulator</td>
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### Stream 3: Stationary, Area Sources and Indoor Air Pollution

#### SW 18: Standards and Monitoring for Stationary Sources

**Venue:** Meeting Room

- Explore Asian emission standards for stationary sources and experiences from other parts in the world
- This session is co-organized by the Air and Waste Management Association of the U.S.

**Session Chair:** Ed Alabastro, Chairman, Technical Education Committee, Air & Waste Management Association, Philippines

<table>
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<tr>
<th>Topic</th>
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<tbody>
<tr>
<td>Future Aerosol Emissions from Industrial and Utility Boilers</td>
<td>Soonkyu Jung, University of Illinois at Urbana-Champaign, Argonne National Laboratory, USA</td>
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<tr>
<td>A New Emission Inventory of Power Plants and Industrial Facilities in Thailand</td>
<td>Pham Thi Bich Thao, Graduate Student, King Mongkut's University of Technology/ Mahidol University, Thailand</td>
</tr>
<tr>
<td>Initiatives taken for Estimation and Control of Mercury from Various Sources in India</td>
<td>GK Pandey, Adviser, Ministry of Environment and Forests, India</td>
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<tr>
<td>Stack Monitoring in Industrial Sources in the Philippines</td>
<td>Jeffrey Burdette, Air Measurements Director, TRC, USA</td>
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#### SW 19: Social Marketing to Reduce Indoor Air Pollution

**Venue:** Yogyakarta

- Discuss new approaches that are being developed to promote the dissemination of improved cooking stoves, baking biomass burning stoves and ovens, and household heating requirements
- This session is co-organized by the Partnership for Clean Indoor Air

**Session Chair:** Sumi Mehta, Staff Scientist, Health Effects Institute, USA

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<tr>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Raising Awareness about the Importance of Tobacco-smoke-free Indoor Air</td>
<td>Nursila Dewi, Communication Officer (Head of News Processing and Delivery), Centre for Public Communication, Ministry of Health, Indonesia</td>
</tr>
<tr>
<td>Promotion of Improved Cooking/ Heating Technology and the Biomass Stove Prize Competition</td>
<td>Guangging Liu, Project Coordinator, Sino-Dutch Internatonal Project Management Office</td>
</tr>
<tr>
<td>The Marketing and Commercial Approach to Disseminating Improved Stoves in Cambodia</td>
<td>Minh Cuong Le Quan, Program Officer, GERES Cambodia</td>
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<td>Fuelwood Saving Project</td>
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#### Stream 4: SW 20: Linkage between GHGs and Criteria Pollutants

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- Shell

Time Subject Speaker

Global Issues

Venue: Solo Tent

- Review new evidence on the linkage between urban air pollution and climate change
- This session is co-organized by the OECC/Asia-Pacific Network (AP-Net)

Session Chair: Makoto Kato, Researcher, Overseas Environmental Cooperation Center, Japan

Effects of Air Pollution and Climate Change on Meteorological Mechanisms: Summary Findings
Daniel McNamara, Executive Director, and Kendra Castillo, Project Development Officer, Manila Observatory

Carbonaceous Aerosols and Climate Change over Asia for the 1980-2030 Time-period
Surabi Menon, Staff Scientist, Lawrence Berkeley National Laboratory

Development of the Greenhouse Gas and Air Pollution Interactions and Synergies (GAINS-Asia) Model for Assessing Multi-pollutant Emissions Benefits in India and China
Adam Chambers, Research Scholar, International Institute for Applied Systems Analysis (IIASA)

Estimation of CO₂ Emission from Forest Fire: Cases Riau Forest in Indonesia
Lilik Slamet S, Centre for Application of Atmospheric Sciences and Climate, Japan, Indonesia

Stream 4: Global Issues

SW 21: Modal Shift Towards Public Transport
Venue: Merapi 2

- Assess the possibility of accomplishing modal shift through improvements in public transport and travel demand management in Asia
- This session is organized by the Institute of Global Environmental Strategies (IGES)

Session Chair: Shobakar Dhakal, Executive Director, Global Carbon Project - Japan International Office

The Restraint of Car Use in Beijing: Evaluating the Factors that Impede or Facilitate
Huang Liya, Engineer, Transport Planning and Research Institute, China

Bus Rapid Transit in Jakarta: Evaluating the Factors that Impede or Facilitate
Heru Sutomo, Director, Centre for Transportation and Logistics Studies, Gaja Mada University

Seoul Challenges for Environmentally Sustainable Transport
Gyeng-Chul Kim, Director, Department of Urban Transit, Seoul Metropolitan Institute, Korea

Analysis of Policy Making Processes for Bus Rapid Transit in Asian cities: Comparison of Beijing, Jakarta, and Seoul
Naoko Matsumoto, Policy Researcher, IGES

Stream 4: Global Issues

SW 22: Transboundary Transport and Management of Air Pollutants
Venue: Bromo 1

- Present case studies on transboundary transport of air pollution and regional management approaches

Session Chair: Sergey Gromov, Deputy Director General, Network Center for EANET, Acid Deposition and Oxidant Research Center (ADORC), Niigata, Japan

Regional-Scale Modeling Ozone Air Quality
L.H. Nghiem, PhD Student, Asian Institute of Technology
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Time  Subject  Speaker
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15.00 - 15.30  Coffee/Teafly
15.30 - 17.00  Country Sub-workshops:
                • Afghanistan - BAQ Secretariat
                • Bangladesh - Merapi 1
                • Bhutan - Media room 1
                • Cambodia - Media room 2
                • China P.R. - Semeru
                • India – Jakarta Tent
                • Indonesia – Solo Tent
                • Lao P.D.R. - Media room 3
                • Malaysia - Bromo 3
                • Mongolia - Hyatt Meeting room
                • Nepal - Merapi 3
                • Pakistan - Merapi 2
                • Philippines - Yogyakarta Tent
                • Sri Lanka - Bromo 1
                • Thailand - Bromo 2
                • Viet Nam - Surabaya Tent
17.00 - 18.00  Networking Session
19.00 --  Evening Social Event: Reception Vredeburg Fort

Day Three – 15 December 2006, Friday

Time  Subject  Speaker
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8.30 - 10.00  Plenary 3: 2006 Asian AQM Champion
              • Awards will be handed out to honor persons who were instrumental in shaping air quality management in Asian cities
TBA
10.30 - 12.00  Stream 1: General Air Quality Management
              Sub-plenary 9: AQM tools
              Venue: Bromo
              • Feature different tools and instruments that have been developed and applied in Asia in the context of decision support systems for AQM
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**Time Subject Speaker**

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<tr>
<td>10.30 - 12.00</td>
<td><strong>Stream 2: Reducing Emissions from Mobile Sources</strong>&lt;br&gt;<strong>Sub-plenary 10: Cleaning up the Tailpipes</strong>&lt;br&gt;Venue: Semeru</td>
<td><strong>Discuss the applicability of such tools in AQM policy-making</strong>&lt;br&gt;Session Chair: Nguyen Thi Kim Oanh, Associate Professor, Asian Institute of Technology, Thailand</td>
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<tr>
<td>10.30 - 12.00</td>
<td><strong>Stream 3: Stationary, Area Sources and Indoor Air Pollution</strong>&lt;br&gt;<strong>Sub-plenary 11: Indoor Air Pollution</strong>&lt;br&gt;Venue: Merapi</td>
<td><strong>Review new developments in understanding indoor air pollution and its prevention and management</strong>&lt;br&gt;This session is co-organized by the Partnership for Clean Indoor Air&lt;br&gt;Session Chair: John Mitchell, Coordinator, Partnership for Clean Indoor Air</td>
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### 10.30 - 12.00

**Stream 4: Global Issues**

**Sub-plenary 12: Transboundary and Hemispheric Air Pollution**

**Venue:** Solo Tent

- Discuss the relevance of transboundary and hemispheric transport of air pollution on urban air quality in Asia and elsewhere
- Assess the linkages between the global, regional and the urban scale of air pollution

**Session Chair:** Masami Tsuji, Environment Specialist, Asian Development Bank

- **Acid Deposition Monitoring Network in East Asia (EANET): Cooperation for Regional Atmospheric Pollution Investigation**  
  Sergey A. Gromov, Deputy Director General, Network Center for EANET, Acid Deposition and Oxidant Research Center (ADORC), Niigata, Japan

- **Taskforce on Hemispheric Transport of Air Pollution**  

- **Air Quality in Southern Thailand during The 2005 Haze Episode**  
  Prapat Pentamwa, Graduate Student, Asian Institute of Technology, Thailand

- **Case Study of Indonesian Efforts in Dealing with Transboundary Haze Pollution Caused by Forest and Land Fires**  
  Sigit Hermono, Assistant Deputy, Ministry of Environment, Indonesia

### 12.00 - 13.30

**Lunch Break**

### 13.30 - 15.00

**Thematic Sub-workshop Sessions**

**Stream 1: General AQM**

**SW 23: Emission Inventories and Source Apportionment**

**Venue:** Merapi 1

- Showcase best practices on emissions inventories and source apportionment in Asia
- Discuss the relevance of emissions inventories and source apportionment in AQM

**Session Chair:** Maria Pia Ancora, Project Manager, Institute for Atmospheric Pollution, Italian Ministry for the Environment, Land and Sea

- **Sources of PM2.5 and PM10 in Hyderabad, India**  
  Alan Gertler, Director, Desert Research Institute, USA

- **Aerosol Analysis and Source Apportionment in Urban Area, Lahore, Pakistan**  
  Arifa Lodhi, Manager, Pakistan Space and Upper atmosphere Research Commission (SUPARCO)
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Dalian Clean Air Act: Compliance and Enforcement Provisions
Case Study on the Effectiveness of the Philippines Clean Air Act in cleaning up the air

Mamie Miller, Chief, Air Compliance Branch, Office of Enforcement and Compliance Assurance, US EPA
Manny Solis, Legal Advisor, Department of Energy-World Bank-GEF Philippine Rural Power Project

Stream 1: General AQM
SW 24: Enforcement and Compliance
Venue: Bromo 3
• Present and discuss strategies to promote compliance with ambient air quality standards and effective enforcement strategies including AQM legislation
• This session is co-organized by the Asia Enforcement and Compliance Environment Network (AECEN) sponsored by the US-AID and ADB

Session Chair: Bebet Gozun, Head of AECEN Secretariat, Former Secretary of the Philippine Department of Environment and Natural Resources

Stream 1: General AQM
SW 25: The Use of Perception Surveys in Support of AQM
Venue: Jakarta Tent
• Present the results of surveys related to AQM carried out in various countries
• Discuss how the results can be used for policy-making

Session Chair: Kuki Soejachmoen, Executive Director, Yayasan Pelangi, Indonesia

Business Sector Perspectives of Urban Air Quality in Hong Kong, SAR, China
Stakeholders Perception Assessment on Sustainable Urban Transport
Factors Influencing Modal Choice of Transport Users: A Focus on Promoting Public Transport in Bangkok
Public Transport Access and Ridership: A Clean Air Issue

Douglas Woodring, Vice Chairman, Environmental Committee, American Chamber of Commerce, Hong Kong
Hedi Hidayat, Researcher, Bandung Institute of Technology
Vilas Nitivattananon, Assistant Professor, Urban Environmental Management Program, Asian Institute of Technology
Geetam Tiwari, TRIPP Chair Associate Professor Transportation Research and Injury Prevention Programme Indian Institute of Technology Delhi

Stream 2: Reducing Emissions from Mobile Sources
SW 26: Diesel Retrofit Programs
Venue: Surabaya Tent
• Review and synthesize the results of a number of diesel retrofit programs in Asia and other regions
• Discuss the desirability and feasibility of large scale retrofit programs

Session Chair: Kong Ha, Senior Environmental Officer, Environment Protection Department, Hong Kong and Chairman, Clean Air Initiative for Asian Cities

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Stream 2: Reducing Emissions from Mobile Sources

**SW 27: New Developments in Emission Measurement and Control for Heavy-Duty Vehicles**

Venue: Yogyakarta Tent

- Present new technologies in measuring on road in-use emissions and its relevance for Asian countries
- Emission estimates from heavy duty vehicles

Session Chair: Axel Fischer, Head of Division, Environment and Transport, Umweltbundesamt, Germany

- On-board Measurement of Heavy-duty In-use Vehicles
  - Lennart Erlandsson, Business Area Manager, Air Quality, Emission Research, AVL List GmbH, Austria

- On-board Emissions Measurement of Transit Buses in Mexico City: Practical Experience and Implications for other Developing Countries
  - Chris Weaver, President, Engine, Fuel, and Emissions Engineering, Inc. (EFEE), USA

- Measuring Emissions from Heavy-duty Vehicles
  - Fanta Kamakaté, Senior Scientist, International Council for Clean Transportation

- Advanced PM and NOx Emission Control from Heavy-Duty Diesel Engines
  - Sougato Chaterjee, Application Engineering Manager, Johnson Matthey, USA

Stream 2: Reducing Emissions from Mobile Sources

**SW 28: Land-use Planning and Transport Planning**

Venue: Merapi 2

- Explore the possibilities for integrating land-use planning, transport planning and environmental planning in the Asian context and its contribution to the reduction of urban air pollution

Session Chair: James Leather, Transport Specialist, Asian Development Bank

- Integrating Land-use and Transportation Planning in Chinese Cities
  - He Kebin, Professor, Tsinghua University, PRC

- Can Indian cities Redesign their Structure and Transport Systems towards a low(er) Carbon Future, the Case of Ahmedabad?
  - Shivanand Swamy, Professor & Associate Director, Centre for Environment Planning & Technology (CEPT), Ahmedabad, India

- Institutionalizing Transport Impact Assessment as a Means for Local Government Units in the Philippines in Support of Improving Air Quality
  - Hussein Lidasan, Professor, University of the Philippines – School of Urban and Regional Planning, Diliman, Philippines

- Public Transport Crisis in Dhaka city, Bangladesh: Failure of Appropriate Government Policy Responsible for
  - M. Shafiq-Ur Rahman, Assistant Professor, Department of Urban and Regional Planning, Jahangirnagar University, Bangladesh
Stream 2: Reducing Emissions from Mobile Sources

**SW 29: Non Motorized Transport (NMT)**
Venue: Merapi 3

- Assess whether Asia is (finally) waking up to the need to make cycling and walking more attractive and thereby slowing down the breakneck speed of motorization

Session Chair: Walter Hook, Executive Director, Institute for Transportation and Development Policy

- Bicycle Powered Public Transport in Asia: Opportunities and Threats
  - Au Ables, Transport Researcher, CAI-Asia Secretariat

- Non-Motorized Transport in Mexico City
  - Bernardo Baranda, Country Director, Institute for Transportation and Development Policy, Mexico

- Walkability Index and its Relevance for Transport Planning
  - Holly Krambeck, Associate, PB Consult, and Abhijit Lokre, Program Manager, Environmental Planning Collaborative Ahmedabad, India

- Cycling Inclusive Transport Planning
  - Roelof Wittink, Executive Director, Interface for Cycling Expertise, The Netherlands

Stream 2: Reducing Emissions from Mobile Sources

**SW 30: Congestion Charging and Road Pricing**
Venue: Bromo 2

- Present the experiences of other countries with congestion charging and road pricing schemes in different parts of the world and discuss the relevance for Asia

Session Chair: Michael Replogle, Transport Director, Environmental Defense, USA

- City Presentations on
  - Singapore City
    - Loh Chow Kuang, Deputy Director, LTA Academy Land Transport Authority, Singapore

  - Stockholm, Sweden
    - Oscar Alarik, Stockholms City Congestion Charge Secretariat

  - Summary and Synthesis Report on the Congestion Charging and Road Pricing Pre-event in 12 Dec
    - Lee Schipper, Director Research, EMBARQ - World Resources Institute

Stream 3: Stationary, Area Sources and Indoor Air Pollution

**SW 31: Managing Emissions from Small and Medium-sized Stationary Sources**
Venue: Meeting Room

- Focus on managing emissions from Small and Medium Enterprises (SME)

- Provide information on their contribution to air pollution

- This session is co-organized by the Air and Waste Management Association of the U.S.

Session Chair: Sameer Akbar, Senior Environmental Specialist, World Bank

- Energy Efficiency Guide for Industry in Asia
  - Sophie Punte, UNEP – Greenhouse Gas Emission Reduction

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Subject
Study of Coal Usage in Indonesian Textile Industries as Basic Considerations for Emission Standard Determination
Use of Cleaner Technology to Reduce Air Pollution in Micro-industries: A Study based on a Demonstration Project at Bat Trang Ceramic Producing Village, Hanoi, Vietnam
Emissions Monitoring of Small and Medium-sized Industries in the Metro Manila area

Speaker
Kania Dewi, Lecturer, Bandung Institute of Technology, Indonesia
Quach Huy Thong, Vietnam National University and Manager, South-East Asia Urban Environmental Management Applications Project
Jundy del Socorro, Science Research Specialist II, Department of Environment and Natural Resources, Philippines

Stream 4: Global Issues

SW 32: Quantifying Transport-Related Cobenefits of Emission Reduction

Venue: Solo Tent

- Provide information and discuss methodologies in quantifying the benefits of transport-related measures to reduce criteria air pollutant and CO2 emissions

Session Chair: Chen Changhong, Professor and Director, Atmospheric Environment Institute, Shanghai Academy of Environmental Sciences

Measuring Changes in Carbon-Dioxide Emissions Arising from Urban Transport Projects
Lee Schipper, Director Research, EMBARQ - World Resources Institute

The Co-Benefits of Controlling Vehicle Emissions: Improved Urban Air Quality and Reduced Global Warming
Michael Walsh, Consultant, ICCT, Chairman of Board

Growing On-road Transportation in India: Analysis of Policy Co-Benefits of Climate Change and Pollution
Ranjan Kumar Bose, Senior Fellow, Centre for Urban Systems and Infrastructure, The Energy and Resources Institute, India

Shomik Mehndiratta, Senior Transport Specialist, World Bank

Stream 4: Global Issues

SW 33: Initiatives and Cooperation on Regional Air Pollution

Venue: Bromo 1

- Present the current status of regional initiatives on AQM in Asia such as the Malé Declaration, the Atmospheric Brown Cloud, and the ASEAN Haze Agreement
- Discuss the desirability and feasibility of regional agreements on air pollution in Asia
- Discuss the possibility for strengthened cooperation in AQM between Asia, African and Latin America
- This session is proposed to be co-organized with UNEP and the Global Forum on Atmospheric Pollution.

Session Chair: Dieter Schwela, Senior Scientist, Stockholm Environment Institute, York, UK

Current status of the Male Declaration, ASEAN Haze Agreement, Atmospheric Brown Cloud, EANET and other regional programs on air quality in Asia

Mylvakanam Iyngararasan, Head, Early Warning Component Senior Programme Specialist, UNEP Regional Resource Center for Asia and the Pacific
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<td>15.00 - 15.30</td>
<td>Coffee/Tea</td>
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<td>15.30 - 17.00</td>
<td>Plenary 4: Closing Session</td>
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<td>• Present a summary of important discussions made in the workshop</td>
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<td>• Provide a summary of the commitments that will be made by each country</td>
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<td>• Present A4A and BAQ 2006 Awards</td>
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<td>Presentation of the Yogyakarta Statement</td>
<td>Chairperson, Governmental Meeting on Urban Air Quality in Asia, TBD</td>
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<td>Presentation BAQ 2006 Country Commitments</td>
<td>Glynda Bathan, Local Network Coordinator, CAI-Asia</td>
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<td>Report by the BAQ 2006 Reporting Committee</td>
<td>Chairperson BAQ 2006 Reporting Committee</td>
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<td>Presentation of the A4A winners</td>
<td>Gempur Adnan, Deputy Minister for Environmental Pollution Control, State</td>
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<td>Yogyakarta Bangkit</td>
<td>Spokesperson, Yogyakarta Bangkit</td>
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<td>Presentation of BAQ 2006 Awards</td>
<td>Jitu Shah, Joint Chairperson BAQ 2006 Awards Committee</td>
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<td>Vote of Thanks</td>
<td>Cornie Huizenga, BAQ 2006 Organizing Committee</td>
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<td>17.00 onwards</td>
<td>BAQ 2006 Closing Party</td>
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