

APCEL News
Highlights: 1 August – 31 December 2011

| Executive Committee | Advisory Committee |
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| Director Emeritus Professor KOH Kheng-Lian | Co-Chairs Professor Tommy TB KOH Ambassador-at-Large, Singapore Chairman, Institute of Policy Studies Special Adviser of the Institute of Policy Studies; and Chairman of the Centre for International Law, National University of Singapore |
| Deputy Director Assoc. Professor LYE Lin Heng | Dr Parvez HASSAN, Pakistan Former Chairman, IUCN-CEL |
| Committee Members Professor Alan TAN Khee Jin Assoc. Professor Robert. C BECKMAN Assoc. Professor Michael EWING-CHOW Assoc. Professor Burton ONG Tze En Assoc. Professor Victor RAMRAJ Assoc. Professor LIM Lei Theng Asst. Professor Jean HO | Members Professor Domenico AMIRANTE, Italy Emeritus Professor Ben BOER, Australia Dr Wolfgang E BURHENNE, Germany Mr Edwin TF KHEW, Singapore Dr Bindu N LOHANI, Asian Development Bank Professor Nicholas A ROBINSON, USA Mr TAN Gee Paw, Singapore Ambassador Amado S TOLENTINO, Philippines |
| Associate Members Ms BHULLAR Lovleen Dr Joseph CHUN Ms Jolene LIN Asst Professor GUNAWANSA Asanga Mr Lakshmikanth Rao PENNA Mr TAN Kai Liang | |
| Ex-officio Professor TAN Cheng Han, SC - Dean, Faculty of Law National University of Singapore | |

I. APCEL's Activities and those of its Members

The report is prepared from information supplied by APCEL Executive Committee members (including its associate members).

1. APCEL/MFA Workshop on Urban and Industrial Environmental Management: The Singapore Model, 5 -9 December 2011

Participants and resource persons (some resource persons and guest lecturers were unable to attend the group photo session).



This is the 12th APCEL/MFA workshop on *Urban and Industrial Environmental Management: The Singapore Model*. It was held from 5 to 9 December 2011 at the Faculty of Law, NUS. E Prof KL Koh was the Course Director and served as a resource person, together with others including members of APCEL, NUS academia from other faculties, the private and government sectors. Resource Persons were E Prof K.L. Koh, Assoc Prof LH. Lye, Deputy Director, APCEL; Asst Prof Asanga Gunawansa, School of Design & Environment (SDE), NUS and Associate Member, APCEL, NUS; Dr Adhityan Appan, Technical Adviser, LBW Consultants, Singapore; Mr Edwin Khew, Chairman, Sustainable Energy Association of Singapore; Asst Prof Kua Harn Wei, Department of Building, SDE; Dr Malone-Lee Lai Choo, Director, Centre for Sustainable Asian Cities, SDE, Mr Richard C. Reidinger, CEO of Eco Special Waste Management and Portfolio Director (Environment) of Navis Capital Partners, Mr Simon Longman,

Director/Streetscape, NParks; Assoc Prof Victor Savage, Department of Geography, Faculty of Arts & Social Sciences, NUS and Mr Yong Wei Hin, Asst Director, Water Reclamation Department, Public Utilities Board (PUB). There were 19 participants from 14 developing countries worldwide.

The topics covered ranged from brown, green and blue issues that have progressively turned Singapore into a success story in sustainable development in urban and industrial environmental management. The Workshop considered the many challenges that Singapore faces, including the impact of climate change and adaptation. The role of Singapore in the regional and global context was also considered.

For workshop programme, please see <http://law.nus.edu.sg/apcel/workshops/UIEM2011.pdf>

“Thank You” Speech by Opeyemi A. Sorunka (Participant from Nigeria), attached.



Closing Speech by Koh Kheng Lian, Director, APCEL



Presentation of Certificates by Angeline Szeto, Ministry of Foreign Affairs

Dr Amro A Taibah, Dean, King Abdul Aziz University, Saudi Arabia receiving his certificate.



2. APCEL/LKYSPP IWP Project on Water Governance and Management in Asia: Law, Policy and Infrastructure Financing of Water Supply

APCEL was invited by the Lee Kuan Yew School of Public Policy's Institute of Water Policy (LKYSPP-IWP) to teach a course on Water Governance and Management in Asia: Law, Policy and Infrastructure Financing of Water Supply. Members of the Planning Committee: Koh Kheng Lian, Lye Lin Heng (co-chairs) and Asanga Gunawansa drafted the syllabus. The course was launched on 11 August 2011.

3. APCEL/LKYSPP IWP Research Project: Urban Water Supply in Asia - Case Studies

APCEL was invited by LKYSPP-IWP to organize research on 5 case studies relating to water supply in Asia. Members of the Planning Committee are Koh Kheng Lian & Lye Lin Heng (co-chairs) and Asanga Gunawansa. The following country/city case studies were completed:

Cambodia (Youna Le Berre Lemaire-Lyons),
India (Asanga Gunawansa),
Philippines (Rhea Reburiano),

Singapore (Koh Kheng Lian & Lye Lin Heng) and
Wuhan, China (Ben Boer).

The case studies are in the process of being edited by Ms Lovleen Bhullar for
publication by the Institute of Water Policy.

**4. APCEL/CIL(Centre for International Law) Seminar on The Expertise of
Environmental Lawyers by Dr Liz Fisher, 22 August 2011, Faculty of Law**

Chairperson- Burton Ong

**5. APCEL/Wildlife Conservation Society (WCS Seminar on The Ivory Story:
African Elephant Poaching for the Illegal Ivory Trade in Japan and China by Dr
Tomo Nishihara, 26 September 2011, Faculty of Law**

Chairperson- Lye Lin Heng

**6. APCEL / MEM (M.Sc. (Env Mgt)) Seminar on "Environmental Management's
Challenges in the Next Decade" by Prof Nicholas A. Robinson, Pace University
School of Law, USA, 14 October 2011, School of Design and Environment, NUS**

Chairperson - Koh Kheng Lian

**7. APCEL/ National Climate Change Secretariat (NCCS) / Centre for
International Law (CIL) Seminar on "Climate Change and International Order:
What Comes After Agenda 21?" by Prof Nicholas A. Robinson, Pace University
School of Law, USA, 18 October 2011, Faculty of Law, NUS.**

Chairperson - Koh Kheng Lian

**8. CIL (Director – RC Beckman) & APCEL Project: ASEAN Integration Through
Law (Project Directors: Joseph Weiler; Michael Ewing- Chow; and Tan Hsien-
Li, Executive Director)**

Research project (ongoing) - to produce a monograph on ASEAN and the
Environment (Nicholas A Robinson; Lye Lin Heng and Koh Kheng Lian)

**9. In October 2011, the National Climate Change Secretariat (NCCS) of the Prime
Minister's Office invited APCEL to organize a Workshop on REDD + (to be
funded by them).**

Prof NA Robinson, member of APCEL Advisory Committee) was in Singapore then
(as he had been invited by NCCS to present a paper at the Conference on Forest,
Biodiversity and Climate Change in Southeast Asia, 17 October, Singapore). He was
also invited by NCCS for his views on the proposed Workshop). The Director of
APCEL, Koh Kheng Lian has invited APCEL members to assist in organizing the

Workshop, and also to participate. A status report will be given at the next APCEL News report, 1 Jan – 31 July 2012.

10. APCEL was paid the following amounts for administrative support (paid into the “ APCEL General Account of the Faculty”):

- a. \$8500 for administrative support for the APCEL/MFA Workshop in 2011, see abovementioned.
- b. \$1000 for administrative support for the APCEL/LKYSPP water law course, 2011, see abovementioned.
- c. \$3000 for administrative support for the APCEL/LKYSPP water law research project case studies, 2011, see abovementioned.
- d. APCEL has over a period of time received donations from two of its members: Koh Kheng Lian and Lye Lin Heng.

II. APCEL members’ activities

1. Koh Kheng Lian

Conferences, Workshops, etc

- Invited to be a moderator at the Conference on Forest, Biodiversity and Climate Change in Southeast Asia, organized by the National Climate Change Secretariat, and Institute of South-east Asian Studies (ISEAS); APCEL was one of the sponsors, 17 October, Singapore Management University Building, SMU.
- Invited to present a paper on “The Impact of Climate Change on Food Security and the Role of ASEAN”, at the Greening Asia’s Growth: Nature + 5th IUCN Regional Conservation Forum, 27-30 September in Incheon, Korea.
- Invited to present the IUCN CEL Report, at the Greening Asia’s Growth: Nature + 5th IUCN Regional Conservation Forum, 27-30 September in Incheon, Korea.
- Invited to serve as a panellist on ASEAN “Security Cooperation”, also presented a paper on “Framing New and Emerging Transboundary Environmental Challenges: the APSC Approach.” , jointly organized by the law faculties of Universitas Gadjah Mada/ University of Indonesia, held in Yogyakarta, Indonesia, 21-22 November 2011.

- Course Director, Facilitator (chaired all sessions) and Resource Person (conducted 2 seminars) of the APCEL/MFA 12th “Workshop on Urban and Industrial Environmental Management: The Singapore Model”, 5 to 9 December 2011, Singapore.
- ADB (Asian Development Bank) Consultant on “Enhancing Effective Regulation of Water Infrastructure” (2010 -2011).
- Invited by Singapore Institute of Management University (UniSIM) to teach a course on Environmental Law, together with (Asanga Gunawansa (course coordinator), & Joseph Chun), Oct-Nov, 2011. Asanga Gunawansa and Joseph Chun are APCEL Associate Members.
- Attended and participated in a number of environmental workshops/seminars.

Publications

11. “The Discourse of Environmental Security in the ASEAN Context”, chapter in *Environmental Discourses in Public and International Law*, edited by Brad Jessup & Kim Rubenstein (Cambridge University Press: 2012). Accepted for publication 2011.
12. Invited contribution: “Transboundary and Global Environmental Issues: the Role of ASEAN” in the inaugural issue, *Transnational Environmental Law Journal* (expected date of publication Feb 2012.). Submitted for publication 2011
13. *ASEAN Environmental Law, Policy and Governance, Selected Documents* (Vol II), This completes the series of 2 volumes. Manuscript with World Scientific Publisher, expected publication April 2012. Approx. over 1200 pages. Submitted manuscript 2011.

2. Lye Lin Heng

Teaching, Conferences, Workshops, etc

- 9 -12 September 2011 - Co-taught an intensive course on Asia-Pacific Environmental Law with Prof Rosemary Lyster, for graduate students at the Faculty of Law, University of Sydney.
- 26 September 2011 - Chaired a seminar " The Ivory Story: African Elephant Poaching for the Illegal Ivory Trade in Japan and China" by Dr Tomo Nishihara, jointly organised by APCEL and the Wildlife Conservation Society.

- 30 September 2011 - chaired a seminar for the MSc (Env Mgt) programme, "Combating Cambodia's Illegal Wildlife Trade" by Ms Amy Van Nice and Mr Nick Marx, Wildlife Alliance, Cambodia.
- 13 October 2011 - Chaired a seminar for the MSc (Env Mgt) programme, by Prof Nicholas A. Robinson, Pace University School of Law, USA, entitled "Environmental Management in the Anthropocene Epoch".
- 16 October 2011 - attended Nature Society's Conference "Nature Conservation for a Sustainable Singapore", Swissotel Merchant Court Hotel, Singapore.
- 17 October 2011 - attended conference on "Forests, Biodiversity and Climate Change in SEAsia" jointly organised by the Institute of Southeast Asian Studies, and supported by the Singapore National Climate Change Secretariat, the National Parks Board, the Singapore Economic Development Board, the Singapore Management University, and the Asia-Pacific Centre for Environmental Law, National University of Singapore.
- 18 October 2011 - attended a lecture by Prof Nicholas Robinson, "Climate Change and International Order: What comes after Agenda 21?" at the Law Faculty, NUS.
- 24 - 25 October 2011 - participated in a workshop on '*Water Governance: An Evaluation of Alternative Architectures*' organised by the Institute of Water Policy, Lee Kuan Yew School of Public Policy, held at the NUS Kent Ridge Guild House.
- 22 November 2011 - attended workshop "Responsible Waste Stewardship: Business Sustainability and Waste Management Processes", CHWMEG, Inc. Suntec Convention Centre.
- 24 November 2011 - attended workshop "Meeting Our Future Energy Needs: What Role will Renewables and Energy Efficiency play", organisers: ISEAS, Energy Institute NUS, & Norwegian Embassy.
- 6 Dec 2011- attended seminar by Dr Joseph Cotrovo, fellow-member of the Singapore Ministry of Environment and Water Resources' Advisory Committee on Water Quality, "Drinking Water Regulatory Procedures and Hexavalent Chromium in Water", PUB Water Hub, Singapore.
- 7 Dec 2011 - was resource person and taught 3 classes for participants in the APCEL-MFA workshop
- 8 Dec 2011 - facilitated visit by participants in above workshop, to HDB Hub, and discussions with representatives from HDB
- 15 and 16 Dec 2011 - MSc (Env. Mgt) programme's 10th Anniversary Conference "Sustainable Environmental Management in Urban Asia" - co-chair of Conference

Organising Committee; planned programme & delivered welcome address as conference co-chair and Chair of Programme Management Committee

Publications

- Lye, I L H, "Land Law and the Environment - Re-examining the Concept of Ownership and Forging New Rights and Obligations in a Changed World". *Singapore Academy of Law Journal*, 22 (Special Issue 2010). (Singapore).
- Lye, I L H, "The Judiciary and Environmental Governance in Singapore". *Journal of Court Innovation*, 3, no. 1 (The Role of the Environment Judiciary) (Winter 2010 2011), 133-155.
- *Recent Developments in Environmental Law and Policy in Singapore*, IUCN *Academy of Environmental Law eJournal*, 2011(1), 197-209.
- Edited Book - Victor R Savage & Lye Lin-Heng, *Environment and Climate Change in Asia: Ecological Footprints and Green Prospects*, Prentice Hall, 2011, xxiv, 324 pp.
- Book Chapter - Victor R Savage, Lye Lin Heng, George Ofori "Asia's 'Sustainability Quests: An Introductory Overview", in Victor R Savage & Lye Lin-Heng, *Environment and Climate Change in Asia: Ecological Footprints and Green Prospects*, Prentice Hall, 2011, pp xvii – xxiv.
- Book Chapter - Lye Lin Heng "Urban Governance and Sustainability: Environmental Management Systems for Cities", chapter 12 in Victor R Savage & Lye Lin-Heng, *Environment and Climate Change in Asia: Ecological Footprints and Green Prospects*, Prentice Hall, 2011, pp 279-307.

III. APCEL's Associate Members

1. Asanga Gunawansa

Conferences, Workshops, etc

- Organised the second closed door research workshop on "Water Governance: Evaluation of Alternative Architectures" for the Institute of Water Policy, LKYSPP, in October 2011. Lovleen Bhullar assisted. A book is to be published shortly based on the work presented by internationally renowned water governance experts who attended the workshop. It will be edited by Dr. Gunawansa and Ms. Lovleen Bhullar and published by Rutledge.

Publications

- ‘Most New PPPs for Water Management are in Asia’ by Staff Correspondent, published in OOSKANews on November 8, 2011.
- ‘Water Governance: An Evaluation of Alternative Architectures’ by Dr. Asanga Gunawansa and Sonia Ferdous Hoque, published in October – December 2011, Issue 12 of ‘Global-is-Asian’, a quarterly magazine of LKYSPP.
- Urban Water Infrastructure Development in the Third World: Quo Vadis PPP? (Submitted to ‘Water Resources Management’ Journal in December 2011).
- Right to Water Versus Pricing of Water: Some Key Challenges faced by Developing Countries in connection with Urban Water Supply (submitted to ‘Water Policy’ Journal in November 2011).
- Urban Water Sector Reforms in India: Financing Infrastructure Development through Market-based Financing and Private–Public Partnerships (completed on November 15, 2011).
- Urban Water Supply Challenges in Dhaka – Potential for Residential Water Conservation using Water Efficient Fixtures (submitted to ‘Urban Water’ Journal in January 2012).
- Public Private Partnerships for Urban Water Supply: Database of Worldwide Projects (completed on November 30, 2011).

2. Jolene Lin

Conferences, Workshops, etc

- Presented paper ‘Climate Governance in China: Using the “Iron Hand”’ at “Local Climate Change Law: The Role of Local Governments” Faculty of Law, University of British Columbia, October 22, 2011 (to be published in “Local Climate Change Law: Environmental Regulation in Cities and other Localities”, Benjamin J. Richardson (ed.), Edward Elgar, forthcoming).

Publications

- ‘Climate Change and the Courts’ Legal Studies, Article first published online: 27 July 2011, DOI: 10.1111/j.1748-121X.2011.00206.x
- ‘Governing Biofuels: A Principal-Agent Analysis of the European Union Biofuels Certification Regime and the Clean Development Mechanism’ Journal of

Environmental Law, Article first published online: 29 September 2011, DOI: 10.1093/jel/eqr025

- "Treating our Environment Like a Waste Bucket: *Chu Yee Wah v Director of Environmental Protection*", (2011) Hong Kong Law Journal 317-322.

Environmental Law Courses

- "Environmental Markets: A New Frontier for Asia", 4 November 2011, jointly organized by the Faculty of Law (University of Hong Kong) and Baker & McKenzie.

Miscellaneous

- Appointed to the Teaching and Capacity Building Committee of the IUCN Academy of Law

14 February 2012

“Thank You” Speech by Opeyemi A. Sorunka (Participant from Nigeria)

Good Afternoon,

Emeritus Prof Koh, the Director of the Asia-Pacific Centre for Environmental Law,
Assoc Prof Lye, Deputy Director of the Asia-Pacific Centre for Environmental Law,
Staff of the Asia-Pacific Centre for Environmental Law

Staff of the Ministry of Foreign Affairs

Our facilitators, Assoc Prof Asanga, Assoc Prof Victor Savage, Dr Malone-Lee, Mr
Richard Reidinger, Mr Edwin Khew, Mr Yong Wei Hin, Dr Appan, Dr Kua, Mr Simon
Longman

Other distinguished guests,

My fellow participants

On behalf of the participants from Bhutan, Brunei, China, Ghana, Madagascar, Mauritius,
Morocco, Niger, Nigeria, Oman, Saudi Arabia, Seychelles, Sri Lanka and the United
Arab Emirates, I would like to express our profound appreciation to the Ministry of
Foreign Affairs of Singapore for providing us with this unique opportunity through the
Singapore Cooperation Programme to learn the Singapore model on Urban and Industrial
Environmental Management.

The organization - from airport pickup to the hotel accommodation, transportation in and
around Singapore - was excellent and the papers delivered by the very knowledgeable
facilitators were insightful as well as impactful.

The workshop helped us realize the various issues pertaining to our different countries
where we have all come from and the challenges that lie ahead of us. It was not only
about learning the best practices, but also we had fun at places visited such as the
Botanical Gardens, Little India, Chinatown, Clarke Quay etc.

All this was made possible as a result of the commitment of the Government of Singapore in seeing that their success stories are told and hopefully, will be adopted and built upon in other countries. Once again, our sincere thanks to the Government of Singapore. We would like to ask, like Oliver Twist did, for more and request that more opportunities be extended to other colleagues in our different Government Agencies.

To Prof Koh, and her fantastic and indefatigable team and Mr Kay, we all have had a wonderful time. You made us feel welcome by your warm and friendly disposition.

To my fellow participants, we have made some new friends in the last couple of days, please don't end the friendship here in Singapore, let us keep in touch via emails, bb, calls and who knows maybe visits as well!!! Perhaps to empower and support each other to carry out this huge responsibility.

Finally, we may not be able to address all the problems in our different countries. Let us not keep quiet anymore and take positive actions to make our environment a better place to live in. I wish you all safe journey as you go back home.

Ley yol Yu Kwi ! Ma' a Salama ! Suba Gamah ! tossafero bessalama! Bon Voyage!
Leksom bey jeun ! Manti yie! Veloma !Selamat Jalan !Have a safe trip!

Thank you and God bless

Mrs Opeyemi Abimbola Sorunke
Participant from Nigeria

9 December 2011