

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS)
<b>SESSION PLAN</b>	Day 1 (June 1 <sup>st</sup> 2015)
<b>8.30 – 9.00 am</b> <b>Session 1: 9.05 - 10.30 am</b>	<b>OPENING CEREMONY &amp; GROUP PHOTO</b> <b>SESSION 1: INTRODUCTION TO THE COURSE</b>

## 1. SESSION CONTENT

- Introductions (trainers, participants)
  - Purpose of course and course structure/content
  - Concept of learning outcomes
  - Teaching methodologies to be demonstrated during the course
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## 2. TEACHING METHODOLOGY

- Class introduction exercise – assisting students to get to know each other and feel comfortable in the class-room situation
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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER(S)/CONVENOR
8:30 - 9:00	Opening ceremony - Speeches by representatives of ADB and IUCNAEL  - Group photo	[Christina Pak to moderate]  ADB Speakers – General Counsel Christopher Stephens & VP Bindu Lohani  IUCN Speaker – Professor Rob Fowler, Former Chair IUCN Academy of Environmental Law and team Leader, TA Management Unit)
9.00-9.05	Short break	
9.05 – 10.00	Introductions: trainers and participants	All trainers Ben Boer
10.00- 10.30	Session 1: Introduction to the course: Explanation of: - course purpose and structure/content - concepts of learning outcomes - teaching methodologies to be demonstrated during the course	Rob Fowler

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## 4. LEARNING OUTCOMES

### 4.1 Session Content

- Understand course purpose and structure
- Identify the inter-active teaching methodologies to be demonstrated in the course

### 4.2 Teaching Methodology

- Enabling students to connect with others in the classroom through a class introduction exercise
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## COURSE MATERIALS

### Preliminary Section

- Frontispiece
- Welcome statement ( IUCN)
- Program organisers (ADB, IUCN, IUCNAEL)
- Course Programme
- Explanation of Teaching Methodologies
- Short bio's for TAMU members
- List of participants and their institutions

### Session One:

- Session plan
- PP presentation: Introduction to the Course (Professor Rob Fowler)

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS)
<b>SESSION PLAN</b>	Day 1 (June 1 <sup>st</sup> , 2015)
<b>Session 2: 11.00 am - 12.30 pm</b>	2A: BUILDING CHAMPIONS IN ENVIRONMENTAL LAW AND 2B: GLOBAL / REGIONAL ENVIRONMENTAL ISSUES

## 1. SESSION CONTENT

- Examples of inspirational leaders in environmental law
  - Global/regional environmental issues
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## 2. TEACHING METHODOLOGY

- Use of guest lecturers (live)
  - Small-group “free-form” discussion and report back to full class:
    - Can be used in large classes, as well as seminars and smaller groups
    - Ensure that all members of group actively participate in group discussion
    - Promote confidence in speaking publicly
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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER(S)/CONVENOR
11:00 – 11:45	<ul style="list-style-type: none"> <li>• Presentations related to identification of inspirational leaders in environmental law</li> </ul>	ADB: Christina Pak/ John Boyd Guest Speakers: Tony Oposa/ Rep. Terry Ridon
11:45 – 12:30	<ul style="list-style-type: none"> <li>• Participants divided into 6 country groups to identify up to 5 global/regional environmental issues (20 mins.);</li> <li>• each group to select 1 person for a 3 minute report back to the class (15 mins);</li> <li>• Class debrief (10 mins/2slides).</li> </ul>	All trainers  Karen Bubna-Litic/ Laode Syarif to lead discussion

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## 4. LEARNING OUTCOMES

### 4.1 Session Content

- Appreciation of the concept of environmental champions and an associated commitment to the promotion of environmental law and its teaching
- Enhanced awareness of critical environmental issues, at both global and national levels

### 4.2 Teaching Methodology

- Demonstration of how to make use of guest lecturers
- Demonstration of “free form” small group discussion and report back methodology

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### COURSE MATERIALS

- Session plan
- PP slides: Global/regional environmental issues
- Global and Regional Environmental Issues – List of Electronic References

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 1 (1 <sup>st</sup> June 2015)
Session 3: 1.30-3.00	INTRODUCTION TO ENVIRONMENTAL LAW

## 1. SESSION TOPIC(S)

- Sustainable development and related legal principles
  - Proposed sustainable development goals
  - Core components of environmental law (see Sessions 4-8)
  - Relationship with international environmental law
  - Relevance of other disciplines (science, economics, ethics, philosophy)
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## 2. TEACHING METHODOLOGY

- Small-group drafting activity and feed-back
  - “Free form” discussion in small groups
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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
1.30-2.10	Drafting exercise on definition of “environment”: <ul style="list-style-type: none"> <li>• Participants to be divided into groups of 5 to draft legislative definition of “environment (10mins.);</li> <li>• each group to present their definition (5 mins) ;</li> <li>• class feed-back/discussion on definitions (10 mins.);</li> <li>• presentation by trainers of definitions in relevant environmental laws (5 mins)</li> </ul>	Karen Bubna-Litic  All trainers to assist small groups  Gerthie Mayo-Anda / Laode Syarif f
2.10– 2.40	Presentation : Introduction to Environmental Law <ul style="list-style-type: none"> <li>• Sustainable development and related legal principles</li> <li>• Proposed sustainable development goals</li> <li>• Core components of environmental law (see Sessions 4-8)</li> <li>• Relevance of other disciplines (science, economics, ethics, philosophy)</li> <li>• Relationship with international environmental law</li> </ul>	Lye Lin Heng
2.40-3.00	Participants to divide into 6 country groups for Q& A with trainer re presentation	All trainers

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## 4. LEARNING OUTCOMES

### 4.1 Session topic

- Understand the underlying foundations and core content of environmental law
- Introduction to the relationship between international and domestic environmental law
- Understand relevance of other disciplines to the teaching of environmental law;

### 4.2 Learning methodology

- Appreciate function of definition exercise in assisting comprehension of the scope of environmental legislation
  - Experience and appreciate the value of “free form” discussion in small groups (without report back).
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### COURSE MATERIALS

- Session plan
- PP presentation: Definitions of “environment” (Gerthie Mayo-Anda + LaodeSyarif)
- PP Presentation: Introduction to Environmental Law (Lye Lin Heng )
- List of electronic sources re other disciplines (Lye Lin Heng)

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 1 (1 <sup>st</sup> June 2015)
<b>Session 4: 3.30-5.30</b>	ENVIRONMENTAL (SPATIAL) PLANNING AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) LAW

## 1. SESSION TOPIC(S)

- Spatial/land-use planning law
    - History of development
    - Planning policy instruments
    - Development control mechanisms
    - Appeal mechanisms
    - Related measures (e.g., coast protection laws)
    - Development facilitation laws
  
  - Environmental impact assessment
    - Scope of EIA processes
    - Procedural elements (EIS etc.)
    - Public participation
    - Substantive mandate
    - Judicial oversight of EIA process
    - Strategic EIA
  
  - ADB's environmental safeguards (including how ADB engages in environment planning and EIA preparation)
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## 2. TEACHING METHODOLOGY

- Use of a reflective journal
    - Similar to a diary
    - To be prepared at end of each session to record main learning outcomes
    - May include questions to be asked later or discussed with other participants
    - Can assist in completion of course evaluation document in the closing session
  
  - Case study for a full class
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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
3.30– 3.45	Introduction to the Reflective Journal	Karen Bubna-Litic

3.45–4.10	<p>Presentation : Overview of environmental (spatial) planning and EIA law:</p> <ul style="list-style-type: none"> <li>• Planning law (history, policy, development control, appeals, other measures)</li> <li>• EIA law (history, scope, procedures, public participation, mandate, judicial oversight, strategic EIA)</li> </ul>	Rob Fowler
4.10-4.30	Participants to divide into 6 country groups for Q & A with trainer re presentation	All trainers
4.30– 5.00	<p>Case-study: examination of contested development proposal involving a judicial decision: Bakun Dam (Malaysia) (20 mins presentation + 10 mins full class Q &amp; A)Presentation:</p>	Lye Lin Heng Christina Pak
5.00 - 5.15	Presentation: ADB's environmental safeguards	Sonia Sandhu, Senior Environmental Specialist, Southeast Asia Regional Department
5.15-5.30	Case-study: integrated urban and environmental planning	Ramola Singru, Consultant, Southeast Asia Regional Department

## 4. LEARNING OUTCOMES

### 4.1 Session topic

- Understand the purpose of environmental (spatial) planning law, particularly the balancing of economic and environmental factors.
- Understand the purpose and scope of EIA law and underlying procedures
- Awareness of ADB's environmental safeguards

### 4.2 Learning methodology

- Use of a reflective journal to record main learning outcomes and assist in completion of course evaluation document in the closing session
- Understand the role of the case-study as a learning tool.

## COURSE MATERIALS

- Session plan
- PP presentation : Reflective Journal Exercise
- Reflective Journal Template
- PP presentation: Environmental (Spatial) Planning and EIA Law (Rob Fowler)
- Case study: Bakun Dam (Lye Lin Heng)
- Bakun Dam case summary – High Court



- Bakun Dam case summary – Court of Appeal
- PP Presentation: ADB's Environmental Safeguards (Sonya Sandhu, ADB)
- PP presentation: Case-study: Integrated urban and environmental planning (Ramola Singru, ADB)

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	<b>STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS</b>
<b>SESSION PLAN</b>	Day 2 (2nd <sup>1</sup> June 2015)
<b>Session 5 : 9.00 – 10.30 am</b>	<b>ENVIRONMENTAL PROTECTION LAW</b>

## 1. SESSION CONTENT

- General v specific environment protection laws
  - National v sub-national laws
  - Scope of environment protection laws:
    - Pollution (air, water, land, marine, noise)
    - Waste management (including hazardous wastes)
    - Site contamination
    - Risk assessment (chemicals, radioactive substances, GMO's etc.)
    - Integrated environmental management
  - Institutional arrangements
  - Tools: Standards, approvals, licences, orders
  - Enforcement mechanisms
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## 2. TEACHING METHODOLOGY

- Tutorial problem – demonstration of traditional tutorial format
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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
9.00 - 9.25	Presentation on environment protection law: <ul style="list-style-type: none"> <li>• General v specific environment protection laws</li> <li>• National – v sub-national laws</li> <li>• Scope of environment protection laws</li> <li>• Institutional arrangements</li> <li>• Tools: standards, approvals, licences, orders</li> <li>• Enforcement mechanisms</li> </ul>	Laode Syarif
9.25- 9.40	Participants to divide into country groups for Q & A with trainers re presentation.	-
9.40 – 10.30	Air pollution tutorial exercise (participants to be allocated to 6 groups by country with 1 trainer per group to lead tutorial discussion)	All trainers

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## 4. LEARNING OUTCOMES

### 4.1 Session content

- Understanding of various elements of environmental protection law and trend towards integration of these elements (general v specific laws)
- Understanding of tools for environmental protection and for enforcement of environment protection legislation
- Appreciation of relevance of administrative arrangements (where multiple levels of government involved)

### 4.2 Teaching methodology

- Use of tutorial format to develop the ability of students to apply relevant legislation to a particular problem (in this instance, air pollution)
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### COURSE MATERIALS

- Session plan
- PP presentation on Environment Protection Law (Laode Syarif)
- Tutorial problem : Air pollution (Rob Fowler)



	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 2 (June 2nd, 2015)
Session 6 : 11.00-12.30	PROTECTION OF BIODIVERSITY/ NATURAL AND CULTURAL HERITAGE

## 1. SESSION TOPIC(S)

- Concept of biodiversity and mechanism for its protection:
  - Protected areas (terrestrial and marine)
  - RAMSAR wetlands.
  - Endangered and threatened species (listing, trade regulation)
  - Bio-safety measures
- Concepts of natural and cultural heritage (built, indigenous, intangible, moveable items, right to identity) and mechanisms for protection

## 2. TEACHING METHODOLOGY

- Use of film in the classroom
- “Free form” class discussion

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
11.00-11.30	Presentation: <ul style="list-style-type: none"> <li>• Concept of biodiversity and mechanism for its protection</li> <li>• concepts of natural and cultural heritage</li> <li>• purpose of natural and cultural heritage laws and mechanisms employed to achieve these purposes</li> </ul>	Ben Boer
11.30-11.45	Participants to divide into country groups for Q& A with trainer representation	All trainers
11.45-12.00	Film on iconic heritage sites. Debrief on film.	Ben Boer
12.00-12.30	“Free form” class discussion: “what in your country is worth protecting in terms of its natural/cultural heritage, why, and how?”	Lye Lin Heng

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understanding the concepts of biodiversity and natural and cultural heritage and the links between them
- Understanding the mechanisms for the protection of biodiversity and natural and cultural heritage
- Identifying the purpose of legal measures concerning biodiversity/ natural and cultural heritage

### 4.2 Teaching Methodology

- Appreciating the value of “inspirational” material through the use of films in enhancing student interest in the subject of environmental law
  - Understanding the value of a free-form class discussion on the topic
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### COURSE MATERIALS

- Session plan
- PP presentation on protection of biodiversity/natural and cultural heritage (Ben Boer)

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 2 (June 2015)
Session 7 : 2.00-3.30	NATURAL RESOURCES MANAGEMENT

## 1. SESSION TOPIC(S)

- Introductory overview of natural resources law
- Nature of “dominant” title to natural resources
- Mechanisms for allocation of rights to natural resources (permits, licences, title, etc.)
- Integrated natural resources management
- Overview of relevant national measures
  - Land (including indigenous land rights)
  - Water
  - Forests
  - Minerals and petroleum
  - Fisheries

## 2. TEACHING METHODOLOGY

- Role play exercise (Part One)
- Structured discussion in lecture

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
1.30-2.00	Presentation: Overview of natural resources management law	Rob Fowler
2.00-2.15	Participants to divide into 6 country groups for Q& A with trainer re presentation	All trainers
2.15-3.00	Role play (part 1) : <ul style="list-style-type: none"> <li>• describe nature of role-play exercise and allocate participants to small groups – 5 - 6 persons + identify two participants as co-mediators (10 mins.);</li> <li>• small groups to work on their contribution to the role-play (with trainer in each group) (35 mins.)</li> </ul>	Karen Bubna-Litic

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understanding the legal concepts of ownership and allocation of natural resources
- Understanding the shift from resource exploitation to sustainable and integrated natural resources management
- Understanding the role of resource-specific legislative schemes and their relationship with other environmental laws.

### 4.2 Teaching Methodology

- Understanding the concept of a role play

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#### READING MATERIALS

- PP presentation on overview of natural resources law (Rob Fowler)
  - PP presentation on use of role play (Karen Bubna-litic)
  - Role-play description
  - Note: separate document re roles for each role-player group play to be distributed to six groups in class
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	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 2 (2 June 2015)
Session 8 : 3.30 – 5.10	CLIMATE CHANGE/ CLEAN ENERGY LAW

## 1. SESSION TOPIC(S)

- Introduction to climate change science (causes, impacts, etc.)
- International measures (UNFCCC/Kyoto Protocol/ Paris COP)
- Mitigation and adaptation approaches
- Mitigation measures – emission trading schemes, carbon pricing, emission standards
- Clean energy measures

## 2. TEACHING METHODOLOGY

- Full class guided brainstorming exercise

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
3-30-4.00	Presentation: <ul style="list-style-type: none"> <li>• the science of climate change (causes, impacts);</li> <li>• international measures (including introduction to flexible mechanisms)</li> <li>• domestic mitigation measures</li> <li>• Use of REDD</li> <li>• Clean energy legislation</li> </ul>	Karen Bubna-Litic (+ Laode Syarif re REDD)
4.00-4.40	Guided brainstorming exercise (full class) <ul style="list-style-type: none"> <li>• participants to address the question of how climate change and clean energy law could best be incorporated in an environmental law course in their own country (with 2-3 participants to facilitate the discussion)</li> </ul>	Gerthie Mayo-Anda (with 2-3 participants as discussion facilitators)
4.40-5.00	Feed-back session: <ul style="list-style-type: none"> <li>• participant facilitators to reflect on their efforts</li> <li>• class to give constructive feed-back to facilitators</li> <li>• feed-back by trainer to class and facilitators</li> <li>• participants to reflect on feed-back session (reflective journal)</li> </ul>	Gerthie Mayo-Anda
5.00-5.10	Distribution of MEA research exercise (CITES/CBD)	Ben Boer / Lye Lin Heng



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## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understand the basic science of climate change
- Understand the international regime on climate change (including REDD)
- Understand the scope and content of domestic climate law
- Understand emerging developments in clean energy law

### 4.2 Teaching Methodology

- Understand the value of a brainstorming exercise to generate ideas
  - Understand the relevance of, and possible approaches to, teaching climate change and clean energy law in an environmental law course
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### READING MATERIALS

- Session plan
- PP presentation on climate change and use of REDD (Karen Bubna-Litic and Laode Syarif)
- IPCC, Climate Change 2014, Synthesis Report: Summary for Policy-makers



	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 3 (3 <sup>rd</sup> June, 2015)
Session 9 : 9.00 - 10.30	ENVIRONMENTAL DISPUTE RESOLUTION AND THE COURTS

## 1. SESSION TOPIC(S)

- Environmental litigation - a comparative perspective
  - Criminal law (compliance and enforcement)
  - Administrative law (public interest litigation – judicial review, civil enforcement)
  - Civil law (liability for environmental harm/ class action procedure)
- Appeal processes (administrative and legal)
- Specialist environmental courts
- Role of the judiciary

## 2. TEACHING METHODOLOGY

- Use of guest lecturer by Skype
- Structured small group discussion
- Environmental law clinic explanation and discussion

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
9.00-9.30	Presentation: The role of the judiciary in environmental dispute resolution	Justice Antonio Benjamin
9.30-9.45	Full class Q & A with presenter	Ditto
9.45-10.00	Presentation: <ul style="list-style-type: none"> <li>• overview of environmental litigation from a comparative perspective</li> <li>• administrative and legal merits appeals</li> </ul>	Gerthie Mayo-Anda
10.00-10.30	Presentation : the role of environmental law clinics (10 mins) Structured small group discussion to answer the following question: <ul style="list-style-type: none"> <li>• what potential is there for an environmental law clinic in your Law School? (20 mins.)</li> </ul>	Gerthie Mayo-Anda All trainers

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## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Awareness of the various forms of environmental litigation available to resolve environmental disputes
- Awareness of the particular role of the judiciary in dealing with environmental disputes

### 4.2 Teaching Methodology

- Appreciating the capacity to use guest lecturers via electronic means
  - Understand the use of structured discussion in small groups to promote student learning
  - Enhancing awareness of the role of legal clinics as an educational tool.
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## READING MATERIALS

- Session plan
- PP presentation on comparative perspectives re environmental litigation (Gerthie Mayo-Anda)

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 3 (3 <sup>rd</sup> June 2015)
<b>Session 10 : 11.00 – 12.30</b>	INTERNATIONAL ENVIRONMENTAL LAW (IEL) / RIGHTS IN ENVIRONMENTAL LAW

## 1. SESSION TOPIC(S)

- Overview of International environmental law (sources, basic principles, interface with domestic environmental law)
- Rights-based approaches in environmental law (in particular, human rights)
- The role of the moot as a teaching tool

## 2. TEACHING METHODOLOGY

- Guided research exercise
- Mooting

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
10.30 - 11.00	<p>Presentation: Overview of international environmental law and rights-based approaches</p> <p>Presentation : The role of the moot</p>	<p>Ben Boer</p> <p>Ditto</p>
9.45-10.30	<p>Research exercise : National implementation of MEA's (to be undertaken in small groups of participants: :</p> <ul style="list-style-type: none"> <li>• When did the jurisdiction sign/ratify?</li> <li>• What is the internal procedure for ratification?</li> <li>• What implementing legislation has been adopted?</li> <li>• What are the administrative arrangements for this legislation?</li> <li>• What are the key measures in this legislation?</li> </ul> <p>[Groups to present their "assignment" in class]</p>	<p>Ben Boer / Lye Lin Heng to supervise group presentations</p>

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understand basic aspects of international environmental law (sources, basic principles)
- Appreciate the relationship between national and international environmental law, including the influence that IEL can have on national law and vice versa
- Understand the process and level of national implementation of selected multinational environmental agreements
- Awareness of the emergence of rights-based approaches in environmental law (particularly via human rights law)

### 4.2 Teaching Methodology

- Understand the role of guided research exercises
- Understand the role of moots

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## READING MATERIALS

- Session plan
- PP presentation on overview of IEL/environmental rights (including presentation on the role of the moot (Ben Boer))
- Internet access to international law sources

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 3 (3 <sup>rd</sup> June 2015)
<b>Session 11 : 1.30 - 3.00</b>	REGIONAL ENVIRONMENTAL LAW (ASEAN AND MEKONG REGIONS)

## 1. SESSION TOPIC(S)

- Overview of regional environmental law in the ASEAN and Mekong regions
- Dealing with trans-boundary issues through regional arrangements – comparative case-studies

## 2. TEACHING METHODOLOGY

- Comparative law case-studies

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER/CONVENOR
1.30 – 2.00	Presentations: <ul style="list-style-type: none"> <li>• ASEAN regional environmental law</li> <li>• Mekong regional arrangements</li> </ul>	Laode Syarif Ben Boer
2.00-2.15	Small groups by country for Q & A re presentations	All trainers
2.15 – 3.00	Presentation (3 X 10 mins.) and class discussion (15 mins.) of three case-studies on trans-boundary pollution: <ul style="list-style-type: none"> <li>• Indonesian forest fires</li> <li>• Singapore-Malaysia Land Reclamation Dispute</li> <li>• Montara oil spill, Timor Sea</li> </ul>	Laode Syarif Lye Lin Heng Rob Fowler

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understanding the links between regional and domestic environmental law

## 4.2 Teaching Methodology

- Understanding how comparative case studies can be used to analyse strengths and weaknesses of regional arrangements
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### READING MATERIALS

- Session plan
- PP presentation on ASEAN regional environmental law (Laode Syarif)
- PP presentation on Mekong regional arrangements (Ben Boer)
- PP presentations: three case studies on trans-boundary pollution (Laode Syarif, Lye Lin Heng, Rob Fowler)

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 3 (3 <sup>rd</sup> June 2015)
<b>Session 12 : 3.30 – 5.00</b>	ALTERNATIVE APPROACHES TO ENVIRONMENTAL DISPUTE RESOLUTION - ROLE-PLAY EXERCISE

## 1. SESSION TOPIC(S)

- Alternative approaches to environmental dispute resolution (mediation) - role-play exercise, as distributed to participants in Session 7

## 2. TEACHING METHODOLOGY

- Role-play exercise (Part 2)

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
3.30 -4.30	Participants to engage in various roles, as previously allocated, for purposes of conducting a simulated mediation exercise	Karen Bubna-Litic and two participants to act as co-mediators
4.30-5.00	Class discussion: <ul style="list-style-type: none"> <li>• feedback on the process, including some reflections and critique of the value of mediation to resolve environmental disputes (20 mins)</li> <li>• Short discussion: participants to reflect on whether and how they might incorporate a role play into an environmental law course. (10 mins)</li> </ul>	Rob Fowler  Karen Bubna-Liitc

NOTE: detailed guidance on how to set up and conduct this role-play exercise is provided in the material included with the reading materials for Session 7.

## 3. LEARNING OUTCOMES

### 3.1 Session Topic

- Appreciation of the role of alternative approaches such as mediation to the resolution of environmental disputes



- Awareness of the multiple, and often conflicting , interests involved in most environmental disputes

### 3.2 Teaching Methodology

- Appreciation of the function of a role-play exercise in enhancing student understanding of the nature of environmental disputes and of alternative approaches to their resolution
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#### READING MATERIALS

See Session 6



	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 4 (4th June 2015)
<b>Session 13 : 900- 10.30</b>	DESIGNING AN ENVIRONMENTAL LAW COURSE – REVIEW OF TEACHING FORMATS & METHODOLOGIES

## 1. SESSION TOPIC(S)

- Review of teaching formats and methodologies
- Teaching resources:
  - hard-copy v electronic materials
  - use of technology (projectors, computers, video-conferencing)
- Virtual classroom/ distance (online) learning.

## 2. TEACHING METHODOLOGY

- Seminar

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
9.00- 9.15	Presentation: Designing an environmental law course – Methodology	Karen Bubna-Litic
9.15- 10.15	Seminar: <ul style="list-style-type: none"> <li>• Review and discussion of teaching methodologies used in the course, including use of reflective journals maintained during the course by participants (lectures, seminars, tutorials, group work, class presentations, role-play, etc.)</li> <li>• Issues and options re teaching resources (see topics above)</li> </ul>	Karen Bubna-Litic
10.15 – 10.30	Discussion of comparative video-conferencing teaching	Lye Lin Heng

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Evaluating the effectiveness of the different teaching methodologies available for environmental law
- Understanding how to work with the available teaching resources

- Understanding the nature of the video-conference teaching format

#### 4.2 Teaching Methodology

- Experiencing the format of a seminar
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#### READING MATERIALS

- Session plan
- Presentation: Designing an environmental law course – Methodology (Karen Bubna-Litic)
- Teaching methodologies document presented in the preliminary section of the course materials folder

	<b>STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS</b>
<b>SESSION PLAN</b>	Day 4 (4 <sup>th</sup> June 2015)
<b>Session 14 : 11.00-12.30</b>	<b>THE ROLE OF ASSESSMENT &amp; ASSESSMENT OPTIONS</b>

## 1. SESSION TOPIC(S)

- The role of assessment
- Summative and formative types of assessment
- Different assessment techniques
- Provision of feed-back

## 2. TEACHING METHODOLOGY

- Free-form, self-directed small group discussion

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER/CONVENOR
11.00 – 11.15	Presentation: Role of assessment <ul style="list-style-type: none"> <li>• The need for assessment</li> <li>• Linking learning to assessment (learning outcomes)</li> <li>• Constructive feed-back (oral and written)</li> <li>• Assessment options:</li> </ul>	Ben Boer
11.15- 11.30	Presentation: Assessment options: <ul style="list-style-type: none"> <li>• Prescriptive v consultative assessment schemes</li> <li>• Oral v written assessment</li> <li>• Examination v written assignment (including nature of examination (e.g., take home?))</li> <li>• Class presentations (individual v group assessment)</li> <li>• Problem-based v essay-style questions v multiple choice questions</li> <li>• Self assessment v peer assessment</li> </ul>	Lye Lin Heng
11.30 - 12.15	Participants to be divided into three groups to discuss their preferences for assessment options (free-form, self-directed discussion)	
12.15- 12.30	Report back from groups and comments by trainers	Ben Boer and Lye Lin Heng

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Understanding how assessment supports the learning objectives of an environmental law course
- Appreciating the range of assessment options available when teaching an environmental law course

### 4.2 Teaching Methodology

- Understanding how to make use of self-directed discussion to enable students to develop insights through interactive discussion
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### READING MATERIALS

- Session plan
- PP Presentation: The Role of Assessment (Ben Boer)
- PP Presentation; Assessment Options (Lye Lin Heng)



	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 4 (4 <sup>th</sup> June 2015)
Sessions 15 & 16 : 2.00 - 9.00 pm	FIELD TRIP and COURSE DINNER

## 1. SESSION TOPIC(S)

- Undertake a field trip where issues re industrial pollution, biodiversity loss, heritage protection or natural resource management (e.g., water scarcity, land degradation) can be explored.

## 2. TEACHING METHODOLOGY

- Field trip

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
2:00 – 2:30	Field Trip Presentation on Pasig River: <ul style="list-style-type: none"> <li>• Distribution of information materials</li> <li>• Explanation of environmental issues involved</li> <li>• Guest Speakers</li> </ul>	Guest Speakers: Ramon "Bong" Socco; Ronald Naguit, Executive Director of Pasig River Rehabilitation Commission
2:30 – 3:00	<ul style="list-style-type: none"> <li>• Safety/security briefing by ADB</li> <li>• Electric Jeepneys from ADB to ferry terminal</li> </ul>	ADB
3:00- 4:00	Ferry Trip on Pasig River from Guadalupe Ferry Terminal (nearby ADB) to Intramuros Station (Old Manila) <ul style="list-style-type: none"> <li>• Q &amp; A on the Ferry Ride</li> </ul>	Gerthie Mayo-Anda, Ben Boer and Laode Syarif
4.00 – 5.00	Intramuros Heritage Walking Tour	
5.00 – 6:00	De-briefing session (at dinner venue): <ul style="list-style-type: none"> <li>• discussion of legal issues arising (e.g., enforcement options, citizens' or indigenous peoples' rights)</li> <li>• discussion of field trip as a teaching methodology, including rationale, logistical considerations, safety issues, and function of the de-brief</li> </ul>	Grizelda Mayo-Anda, Ben Boer and Laode Syarif
<b>DINNER</b>		

6:00-9:00	Dinner in Intramuros (Old Manila) and bus transportation back to ADB	ADB
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## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Observing a practical example of how environmental law applies to a particular environmental issue or problem

### 4.2 Teaching Methodology

- Learning to design a field trip
  - Understanding how it relates to the environmental law course
  - Understanding the role of the teacher
  - Understanding the use of experts in conducting the field trip
  - Understanding how to debrief the field trip
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## READING MATERIALS

- Separate folder for participants and trainers, to include:
  - Written information on the site or facility visited;
  - Notes on environmental issues involved
  - Maps and photographs, as appropriate



	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
SESSION PLAN	Day 5 (5 <sup>th</sup> June 2015)
Session 17 : 9.00 – 10.30	RESEARCH SKILLS AND SUPERVISION

## 1. SESSION TOPIC(S)

- Tools and techniques for developing student research skills
- Supervision of postgraduate research
- Demonstration of online resources related to environmental law (ECOLEX, etc.)
- Academy resources available to members
- Membership of the Academy and IUCN WCEL

## 2. TEACHING METHODOLOGY

- Use of online resources in the class room

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
9.00 – 9.30	Demonstration of Online Resources available for teaching and research	Ben Boer / Iye Lin Heng / Karen Bubna-Litic
9.30-10.00	Class discussion of online tools and their use for developing student research skills	Ben Boer / Iye Lin Heng / Karen Bubna-Litic
10.00-10.30	Description of the IUCN Academy of Environmental Law and the IUCN World Commission on Environmental Law	Rob Fowler Ben Boer

## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Awareness of methods for developing student research skills
- Awareness of resources, services and benefits for environmental law teachers of membership of the Academy and IUCN WCEL

### 4.2 Teaching Methodologies

- Demonstration of methods and benefits of using online resources in the classroom.



READING MATERIALS

- Session plan
- List of online resources in environmental law
- PP presentation on IUCN Academy and IUCN WCEL (Rob Fowler and Ben Boer)
- List of Academy resources

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 5 (5 <sup>th</sup> June 2015)
<b>Session 18 : 11.00 - 12.30</b>	<b>DESIGNING AN ENVIRONMENTAL LAW COURSE - DESIGN EXERCISE</b>

## 1. SESSION TOPIC(S)

- Self-guided exercise for each participant to design an environmental law course (utilising subject-matter and methodologies demonstrated in TTT course)
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## 2. TEACHING METHODOLOGY

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## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER/CONVENOR
11.00 – 12.00	Participants to work individually on course design outline	f
12.00 – 12.30	<ul style="list-style-type: none"> <li>• Presentation by participants of their course outlines in small groups (5 mins each)</li> <li>• Group discussion of presentations.</li> </ul>	All trainers

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## 4. LEARNING OUTCOMES

### 4.1 Session Topic

- Application of learnings gained during the TTT course through development of an outline of an environmental law course

### 4.2 Teaching Methodology

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READING MATERIALS

	STRENGTHENING CAPACITY FOR ENVIRONMENTAL LAW IN THE ASIA-PACIFIC: DEVELOPING ENVIRONMENTAL CHAMPIONS
<b>SESSION PLAN</b>	Day 5 (5 <sup>th</sup> June 2015)
<b>Session 20 : 3.30 – 5.00</b>	<b>CLOSING SESSION</b>

## 1. SESSION TOPIC(S)

- Class discussion of course outcomes
- Course evaluations
- Closing ceremony

## 2. TEACHING METHODOLOGY

- Class feed-back at conclusion of a course
- Use of course evaluation instruments

## 3. SESSION STRUCTURE

TIME	ACTIVITY	PRESENTER
3:30 – 3:45	Champions Session / Creation of Environmental Law Champions Network and Champions Roundtable / Launch of Asian Environmental Law Leaders and Champions Facebook and LinkedIn Pages / Interactive Map of Environmental Law Champions	ADB (Christina Pak to lead)
3.45 – 4.15	Class discussion of course outcomes	All trainers
4.15-4.30	Completion of Course Evaluation forms by participants	
4.30 - 5.00	Closing Ceremony: <ul style="list-style-type: none"> <li>• presentation of Course Certificates</li> <li>• closing speeches</li> </ul>	All trainers ADB representatives

## 3. LEARNING OUTCOMES

### 3.1 Session Topic

- Participants and trainers to jointly identify areas of possible improvement in relation to the delivery of future TTT courses

### 3.2 Teaching Methodology

- Demonstration of value of class feed-back at the conclusion of a course on possible improvements
- Demonstration of the use of course evaluations

READING MATERIALS

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