



**Training Workshop**  
**Environment Impact Assessment Tools for Biodiversity and Ecosystem Services**  
**in Chindwin River Basin**

**Date:** 15-17 August 2018

**Venue:** Win Unity Hotel, Monywa, Sagaing Region

**Participant:** 20-25 people

**Objectives:** To build technical capacity of local government and non-government agencies in using impact assessment tools for biodiversity and ecosystem services

**Tentative Agenda**

Time	Session and description	Speakers
<b>15 Aug 2018</b>		
8:30-9:00	Registration	
<b>Session 1: Opening and Introduction</b>		
09:00-09:10	Welcoming remarks by the Sagaing Regional Government	Representative (TBC)
09:10-09:20	Welcoming remarks by Myanmar Environment Institute (MEI)	Prof. Dr. Win Maung, MEI
09:20-09:30	Opening remarks, Stockholm Environment Institute (SEI)	Dr. Thanapon Piman, SEI
<b>Session 2: Using GIS for threat assessment</b>		
09:30-10:00	Introduction to GIS and software installation <ul style="list-style-type: none"> <li>• What is GIS</li> <li>• Use of GIS important/ advantages of GIS</li> <li>• Projection</li> <li>• Different software for GIS</li> <li>• Type of GIS files: Raster and Vector</li> <li>• Source for downloading data</li> </ul>	Trainer: Manish Shrestha, SEI  Facilitators: Thanapon Piman, SEI Thein Soe, MEI
<b>10:00-10:20</b>	<b>Group photo and coffee break</b>	
10:20-12:00	Hand-on training and exercise <ul style="list-style-type: none"> <li>• Overview of QGIS</li> <li>• Creating vector data (digitizing map)</li> <li>• Import and analyze Raster and Vector data</li> <li>• Overlay raster/ raster calculator</li> <li>• Hand-on training with example from our findings</li> </ul>	Trainer: Manish Shrestha, SEI  Facilitators: Thanapon Piman, SEI Thein Soe, MEI
<b>12:00-13:00</b>	<b>Lunch break</b>	
13:00-15:00	Hand-on training and exercise (Continue)	
<b>15:00-15:15</b>	<b>Coffee break</b>	
<b>Session 3: Ecosystem service modelling using InVEST tool</b>		
15:00-16:00	Introduction to InVEST and software installation <ul style="list-style-type: none"> <li>• Ecosystem services</li> <li>• How to evaluate ecosystem services</li> <li>• InVEST model and various modules</li> <li>• Examples of the model outputs</li> </ul>	Trainer: Thanapon Piman, SEI  Facilitators: Manish Shrestha, SEI Thein Soe, MEI
16:00-16:30	Feedback on training	All

18:00-19:30	Dinner	
<b>16 Aug 2018</b>		
8:00-8:30	Registration	
<b>Session 3: Ecosystem service modelling using InVEST tool (continue)</b>		
08:30-10:00	Hand-on training on InVEST tool <ul style="list-style-type: none"> <li>• Overview of InVEST tool</li> <li>• Interface of InVEST tool</li> <li>• Hand-on training with example from our findings</li> </ul>	Trainer: Manish Shrestha, SEI  Facilitators: Thanapon Piman, SEI Thein Soe, MEI
10:00-10:15	Coffee break	
10:15-11:30	Hand-on training on InVEST tool (continue)	Trainer: Manish Shrestha, SEI  Facilitators: Thanapon Piman, SEI Thein Soe, MEI
11:30-12:00	Feedback on training	All
12:00-13:00	Lunch break	
<b>Session 4: Guideline for biodiversity and livelihood survey</b>		
13:00-13:15	Introduction on the guideline	Prof. Dr. Win Maung, MEI
13:15-14:15	Guideline for biodiversity survey <ul style="list-style-type: none"> <li>• Introduction to biodiversity , ecosystem services and field survey methodology</li> <li>• Field equipment</li> </ul>	Trainer: Prof .Dr. Win Kyi, MEI  Facilitators: Than Htway Lwin, SEI Nay min Thu Ya and Pyae Toe Aung, MEI
14:15-14:30	Coffee break	
14:30-15:30	Guideline for livelihood survey <ul style="list-style-type: none"> <li>• Key steps</li> <li>• Questionnaire</li> <li>• Examples</li> </ul>	Trainer: MEI and Dr. Zin Mar Than  Facilitators: May Thazin Aung, SEI On Suan Khai, MEI
15:30-16:00	Feedback on training	All
18:00-19:30	Dinner	
<b>17 Aug 2018</b>		
8:00-8:30	Registration	<b>Remark:</b> Participants will be divided into 2 groups (15 person/group) They will select to join biodiversity or livelihood team
<b>Session 5: Field training on biodiversity and livelihood survey</b>		
8:30-12:00	Field training on biodiversity survey at Pin Taung Reserved Forest	Trainer: MEI
10:00-10.30	Coffee break	
8:30-12:00	Field training on livelihood survey at Min Ma village near Pin Taung Reserved Forest	Trainer: MEI
12:00-13:00	Lunch break	