

**STAR – SHARP Synthesis Workshop**  
**Langkawi, Malaysia, 02 – 04 November 2016**  
Draft Summary report

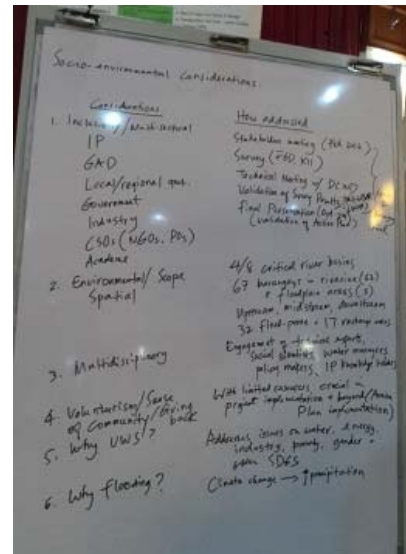
UNESCO Office Jakarta in collaboration with Institute for Environment and Development (LESTARI) of Universiti Kebangsaan Malaysia (UKM) organized the Synthesis Workshop on UNESCO Sustainability Science Demonstration Sites in Asia and the Pacific in the context of two projects “Sustainable Transformation Across the Region” (STAR) supported by the Japan Funds-in-Trust (JFIT) and “Science Harnessed for ASEAN Regional Policy” (SHARP) supported by Malaysian Funds-In-Trust (MFIT). The two and a half day synthesis workshop brought together project partners stakeholders involved in the implementation of the projects to share results of their activities and studies to representative from Ministry of Environment of ASEAN countries as well as ASEAN Centre for Biodiversity. The participants also shared the challenges and difficulties encountered during the implementation phase of Sustainability Science approach to solve water-related issues with local stakeholders, authorities as well as the solutions identified or proposed and finally the discussion was brought on how then to apply the identified Sustainability Science approach to sustainable development in the broader ASEAN region.

During the first day and half, 25 participants focused on how sustainability science approach can be brought to the people especially through the implementation of the demonstration sites as the last day, the findings were brought to policy makers and to representatives from ministries of environment from six ASEAN countries.

The first day began with welcoming remarks from Prof. Dato’ Dr. Mazlin Mokhtar, Deputy Vice Chancellor of Universiti Kebangsaan Malaysia. This was followed by an introduction on sustainability science and what was expected from this workshop by Dr. Ai Sugiura of UNESCO Jakarta. Afterwards, Dr. Tahmina Rashid (the University of Canberra), having conducted an integrative socio-environmental approach study in the demonstration sites, shared her findings in the five sites and the importance of understanding the perspective of the communities which are different perspectives than researchers and policy makers. Each demonstration site group further elaborated on how the local communities have been involved in the project and to what extent the integrative socio-environmental approach has been taken in account. The demonstration site groups later on shared the view that involving as many stakeholders as possible is important to reconcile different visions from different communities and stakeholders, which they have done through different steps in the project. It was noted that reconciling those visions is challenging, and so are involving all relevant stakeholders.



Dr Tahmina Rashid presenting the results of her findings



Results of Davao break-out group

On the second day of the workshop, participants were introduced to the UNESCO Sustainability Science implementation Framework and Photostory concept. Each demonstration site group shared and discussed the applicability of the Sustainability Science framework developed by UNESCO office Jakarta and why and how their project implementation plan differed. It was noted that the five steps of the Sustainability Science Implementation Framework were agreeable by all sites. As sites achievements differed due to existing institutions and available data, it was found that all sites implementation had in common the following points:

- A step including social envisioning of a common future which shall try to be as socially inclusive, ethical and equitable as possible
- A step including the formulation of action plan
- A step on identifying indicators and criteria for implementation and monitoring

Also it was noted that because Sustainability science is both a bottom-up and top-down approach, there is a need for an institutional framework to implement and give shape to the envisioned futures emerging from the local level.

Afterwards, each group developed a photostory to present their findings, visions and recommendations from each demonstration site. The participants discussed that pictures without texts will be perceived differently by different people, hence, texts can be used to effectively tell stories behind those pictures to convey the messages. The pictures have already been gathered by the project partners and UNESCO Office Jakarta photo database and were discussed among each group. Each group then presented the results of the photostory, consisting of 4-8 photos for each demonstration site, and generated inputs from other participants regarding missing messages and improving the flow for each photo. All the groups included their photostory with sustainability visions.



Project partners and stakeholders of Ifugao elaborated on Sustainability Science implementation framework. From left to right: Prof Jeff Camkin (The University of Western Australia), Atty. Joan Sheelah O. Nalliw (representative from the Municipal Council of Mayoyao), Hon. Jose T. Gullitiw (Vice Governor, Province of Ifugao), and Prof. Ivan Anthony Henares (University of the Philippines).



Project partners and stakeholders of Ifugao elaborated on photostory.



Project partners and stakeholders from Siem Reap and Tonle Sap discussed implementation framework with UNESCO Office Jakarta. From left to right: Sharizad Sulaiman, Dr Ai Sugiura (both from UNESCO Office Jakarta), Maria Iniguez De Heredia (UNESCO Office Phnom Penh), Dr Chamroeun Sok (project partner), Long Kheng (Ministry of Environment of Cambodia)



Project partners and stakeholders from Siem Reap and Tonle Sap discussed photos for the photostory



Project partners and stakeholders from Langat river basin with Prof Shahbaz Khan, Director of UNESCO Office Jakarta, elaborating the big messages of their photostory



Results of photostory from Langat river basin group

Towards the end of the day, Prof Jeff Camkin of the University of Western Australia, provided synthesis and summary of the one and a half day working sessions. Common themes highlighted by Prof Jeff include the need to understand local practices and the different visions among stakeholders groups, the need to understand the benefits and cost of developments pathway among different community groups, and the need to integrate policy both horizontally and vertically to support effective implementation.

The third and final day of the workshop was attended by 45 participants from five demonstration sites countries (Philippines, Malaysia, and Cambodia), representatives from ASEAN countries (Indonesia, Lao PDR, Myanmar, and Vietnam) and the Asia Pacific (Japan, China, Australia) and two UNESCO Category 2 centres. Addresses were received from Mr. Mohd Khairul Adib Abd Rahman, Secretary General of the Malaysian National Commission and video message from Mr Morimoto, Secretary General of the Japanese National Commission. After sharing of results from five demonstration sites, discussions were generated on, among others, the indicators presented and policy recommendations for Langat river basin, to what extent the farmers understood sustainability in Ifugao rice terraces and solutions that would benefit the community, and the visions for Langkawi Geopark. Afterwards, ASEAN representatives presented current environmental Sustainability programmes in their respective countries, and achievements as well as shortcomings in that context. Other institutions which have been working on the issues covered in the demonstration sites through their own work, have also shared their results to complement the findings of the UNESCO STAR and SHARP demonstration sites.



All of the participants of Synthesis Workshop of STAR and SHARP



All the project partners of the five UNESCO STAR and SHARP demonstration sites with Prof Shahbaz Khan and UNESCO Office Jakarta

In summary, 45 participants from ten countries exchanged and discussed pathways to implement sustainability science approach through:

1) the development of a photo story reflecting the results, recommendations and visions of the community and relevant stakeholders of the demonstration sites

2) an example of a sustainability science implementation framework and toolkit for UNESCO sites in the region for use by relevant stakeholders in order to ensure sustainability science approaches and socio-environmental perspectives are considered

3) exchanges on what are the current environmental sustainability programmes in the different ASEAN countries and how the lessons learned at the demonstration sites could be upscaled and integrated with sustainability policies at national level.

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All materials are available at the following web sites:

- <http://mucp-mfit.org/synthesis-workshop-of-the-project-sustainability-transformation-across-the-region-star-and-the-project-science-harnessed-for-asean-regional-policy-sharp/>

- <http://jfit-for-science.asia/synthesis-workshop-of-the-project-sustainability-transformation-across-the-region-star-and-the-project-science-harnessed-for-asean-regional-policy-sharp/>

**LIST OF PARTICIPANTS  
SYNTHESIS WORKSHOP FOR STAR AND SHARP PROJECT  
LANGKAWI, 2-4 NOVEMBER 2016**

<b>No.</b>	<b>NAME</b>	<b>COUNTRY</b>	<b>POSITION, AFFILIATION</b>
1.	Prof. Ivan Anthony Henares	Philippines	Assistant Prof, University of the Philippines
2.	Atty. Joan Sheelah O. Nalliw	Philippines	Indigenous Peoples Mandatory Representative in the Municipal Council of Mayoyao
3.	Hon. Jose T. Gullitiw	Philippines	Vice Governor, Province of Ifugao
4.	Dr. Chamroeun Sok	Cambodia	UNESCO Phnom Penh
5.	Mr. Philippe Delanghe	Cambodia	UNESCO Phnom Penh
6.	Mr. Long Kheng	Cambodia	Deputy Director, Department of Freshwater Wetlands Conservation, Ministry of Environment
7.	Dr. Tahmina Rashid	Australia	University of Canberra
8.	Dr. Anthony C. Sales	Philippines	Head-Interim Secretariat, HELP Davao Network and Regional Director, Department of Science and Technology XI
9.	Ms. Ludivina M. Porticos	Philippines	Science Resource Center Director of the University of Immaculate Conception
10.	Prof. Helmi	Indonesia	University Andalas

11.	Ms. Chitthanom Ounsida	Lao PDR	Deputy Director General, Department of Environmental Quality Promotion, MONRE
12.	Ms. Khin Nu Nu Soe	Myanmar	Staff Officer, Environmental Conservation Department, Ministry of Natural Resources and Environmental Conservation, Myanmar
13.	Ms. Nguyen Thi Thu Phuong	Vietnam	Vietnam Environment Administration, Ministry of Natural Sources and Environment
14.	Ms. Genalyn A. Bagon-Soriano	Philippines	Head Finance and Administration Asean Centre for Biodiversity
15.	Mr. Hong Tianhua	China	Executive Deputy Director and Secretary General, International Center on Space Technologies for Natural and Cultural Heritage (HIST)
16.	Prof. Kazumasa Ito	Japan	International Business Division Dr.Eng, P.E.Jp, APEC Engineer, Senior Technical Advisor, Lecturer Tokyo City University
17.	Prof. Jeff Camkin	Australia	Professor (Water Resource Management), Centre of Excellence for Ecohydrology, The University of Western Australia
18.	Dr. Shahbaz Khan	Indonesia	Director UNESCO Jakarta
19.	Dr. Ai Sugiura	Indonesia	Interim JFIT Coordinator UNESCO Jakarta

20.	Ms. Sharizad Sulaiman	Indonesia	MFIT Coordinator UNESCO Jakarta
21.	Ms. Aulia Rahmawati	Indonesia	Project Assistant UNESCO Jakarta
22.	Ms. Trita Katriana	Indonesia	National Officer UNESCO Jakarta
23.	Dato' Shharuddin Mohamad Ismail	Malaysia	LESTARI UKM
24.	Prof. Dato' Dr. Mazlin bin Mokhtar	Malaysia	DVC
25.	Prof. Emeritus Dato' Dr. Ibrahim Komoo	Malaysia	UKM
26.	Mr. Mohd. Khairul Adib Bin Abd. Rahman	Malaysia	NATCOM Malaysia
27.	Dr. Rahmah Elfithri	Malaysia	LESTARI UKM
28.	Ms. Haslina binti Amer	Malaysia	LUAS (Selangor Water Management Authority)
29.	Tan Sri Khalid Ramli	Malaysia	Langkawi Development Authority (LADA)
30.	Mr Ahmad Zaini bin Zaba'ai	Malaysia	Langkawi Development Authority (LADA)
31.	Ms Rasanubari Asmah Rahmah binti Abdul Hamid	Malaysia	Langkawi Development Authority (LADA)
32.	Mr. Muhammad Hijas Sahari	Malaysia	Built Environment and Monitoring (BEAM) Manager, George Town World Heritage Inc.



33.	Mr. Md. Khairi Bin Selamat	Malaysia	Department of Irrigation and Drainage
34.	Ir. Anita binti Ainan	Malaysia	HTC-KL
35.	Dr. Norizan Md Noor	Malaysia	Universiti Sains Malaysia
36.	Dr. Irina Safitri Zen	Malaysia	Centre for Innovative Planning and Development (CIPD) Department of Urban and Regional Planning, UTM
37.	Dr. Normaniza Osman	Malaysia	Associate Professor Institute of Biological Sciences, Faculty of Science, University of Malaya
38.	Dr. Zakiah Ponrahono	Malaysia	UPM, Faculty of Environment
39.	Mr. Anthony Wong	Malaysia	Frangipani Hotels and Resort
40.	Ms. Siti Aishah Binti Hashim	Malaysia	Department of Irrigation and Drainage
41.	Dr. Asnor Muizan Bin Ishak	Malaysia	HTC-KL
42.	Ms. Joanne Teddy Chian	Malaysia	Malaysia NATCOM
43.	Ms. Roslinda binti Mat Musa	Malaysia	Malaysia NATCOM
44.	Mr. Nik Mohd Noor Faizul Md Saad	Malaysia	UKM
45.	Ms. Asbiatul Aida Derahman	Malaysia	UKM
46.	Mr. Norazmi Abdul Kadir	Malaysia	UKM

47.	Mr. Muhammad Nikman	Malaysia	UKM
48.	Ms. Normaizura Maizan	Malaysia	UKM
49.	Ms. Nurlina Ramzan	Malaysia	UKM
50.	Ms. Syafinaz Saleh	Malaysia	UKM