

DOCKSIDE Summer School 2018

WORKSHOP3

SUSTAINABILITY OF NATURAL RESOURCES: THE CASE TONLE SAP LAKE

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What did you learnt, from this workshop?

- Learn about various Methodologies from the courses.
- Understand more general knowledge about ecosystem around Tonle Sap Lake and Mekong River.
- Understand about the trade-off and opportunities cost between ecosystem and economic
- what are the process of researching ?
- How to choose the data analysis tools?
- How to find the fund for researching?
- How to write the proposal or abstract ?
- How to make more network ?



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Do you think the tools discussed in the lecture could be useful in your future professional lives ?

The tools provided by the workshop is very important for our future research.

Example: the CART method (Classification and Regression Trees), the knowledge of ecosystem services, writing the proposal, reaching and etc....,



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What could be done to improve the quality of this training in future?

- Field study should be included
- Should have more discussion
- The materials



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Case Presentation

THE DRIVERS OF CHANGES AROUND THE TONLE SAP ECO-SYSTEM



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Case's Title: Objectives / research questions

- ❖ To study about the population growth's impact on eco-system around Tonle Sap
- ❖ To identify factors contributing to the encroachment around the Tonle Sap
- ❖ To identify the impact of agricultural practices on water quality in the Tonle Sap
- ❖ To investigate the legal and policy framework and compliance in the Tonle Sap
(environmental law, fishery and fishery crime, etc)



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Case's Title: research questions

- ❖ How the population growth effect to eco-system around the Tonle Sap?
- ❖ Who will the most effect by the population growth, encroachment, agricultural activities and law enforcement
- ❖ How farmers cultivation of cropping system and understanding of impact chemical use on water quality

- ❖ How the population growth, encroachment, agricultural activities and law enforcement impact on the households social-economic, water quality, biodiversity and fish stock



Case's Title: Methodologies

- **Battambang province, the target area**
- **Primary Data ,field research (200 farmers, local authorities, NGO, etc.)**
 - **interview by using the questionnaire (Individual and FGD)**
 - **Check lists for interview**
- **Secondary Data**
- **GIS**
- ❖ **Statistical Analysis tools**
 - **SPSS**
 - **Statistic 8, Statistic R**
 - **CART**



Case's Title: Result

- **If no results why ???**
 - **Not yet study and just the topic that we propose for researching**
- **What is it possible to get as answer ?**
 - **Improve understanding of impact of population growth on ecosystem in the Tonle Sap, socio-economic change, migration**
 - **Factors contribute to encroachment in the Tonle Sap which could help to improve the resource conservation and management, fishing community livelihoods and reduce resource conflicts.**
 - **Pattern of change of in the Tonle Sap (population, agriculture practices, law enforcement and compliance, etc)**
 - **Journal publication**
 - **Participate national and international conferences**
 - **Conduct the training and workshop to the target area**



Thank you for your attention

Welcome The Question



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