



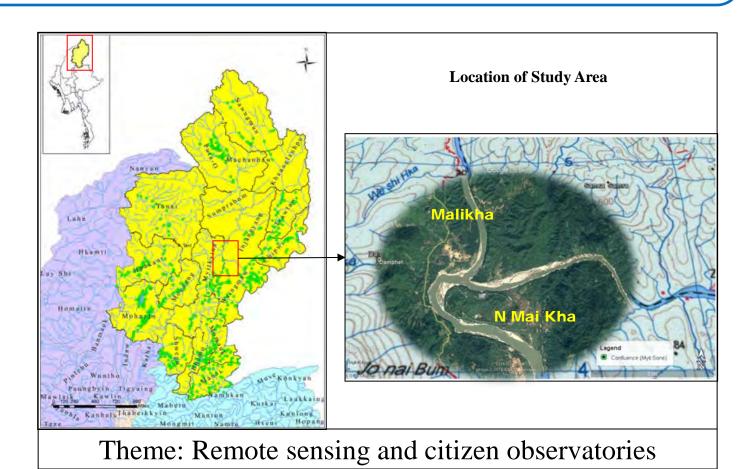


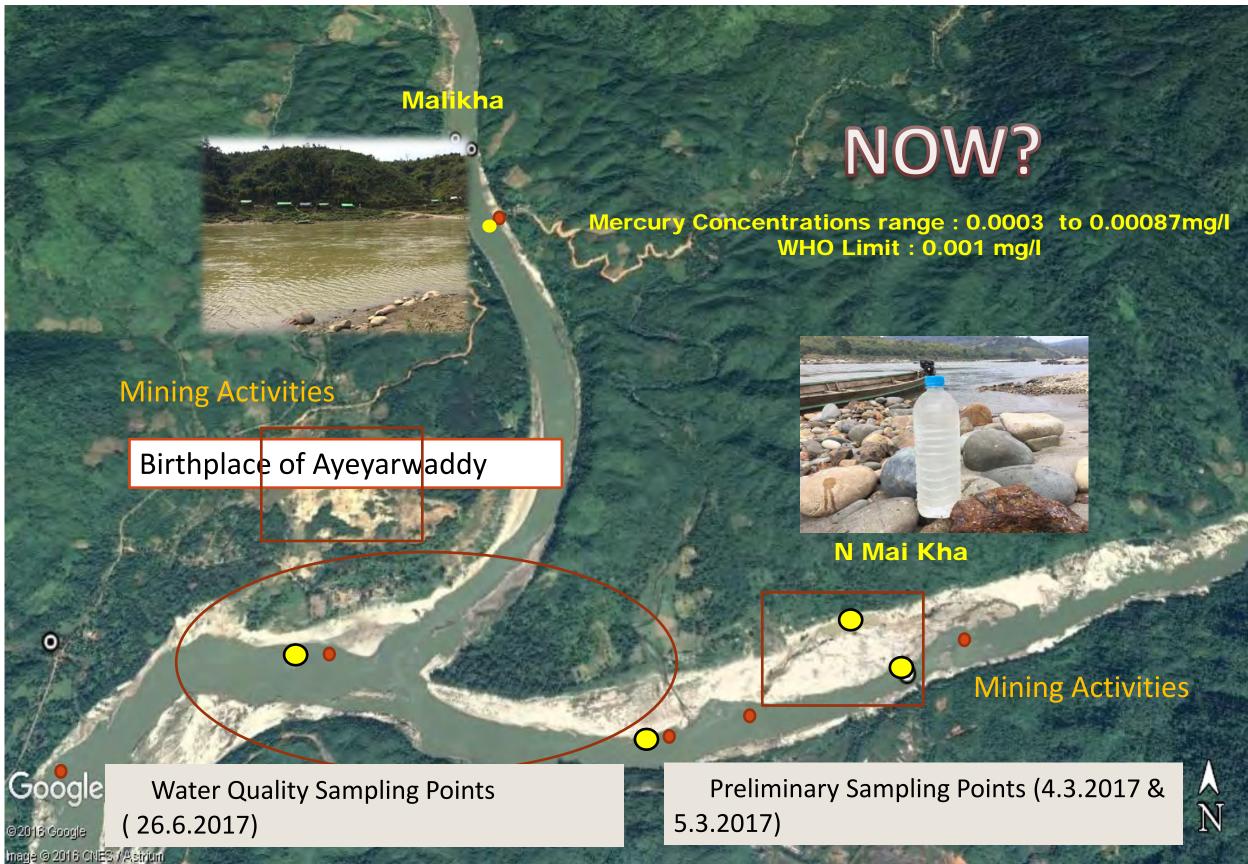


Pollution Monitoring and Engaging Community Participation for Healthy River A case study in Upstream Ayeyarwaddy River (Malizup, Convergence of Maykha & Malikha River)



Miss Khin Seint Seint Aye B.pharm (University of Pharmacy, Yangon) MSc. Environmental Engineering Management. (Asian Institute of Technology, Thailand)



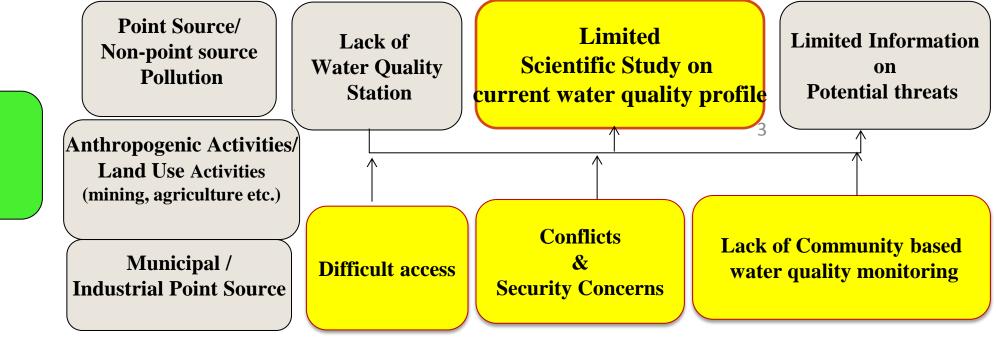


Problem Analysis

Situation or Problem

Potential Risk of Water Quality Pollution

Causes of situation or problem



What positive impacts would result from the solution

More Knowledge on Current Water Quality and pollution source/

Mitigate Potential Risk of Water Quality Degradation

Healthy River/ Ecosystem

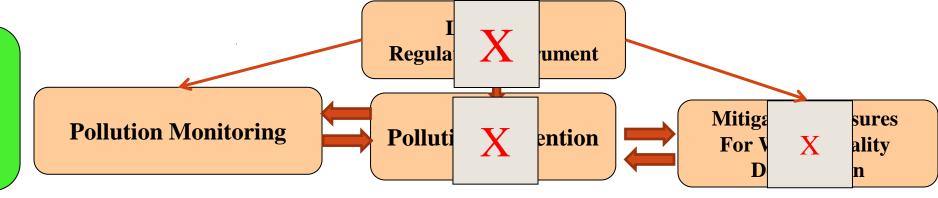
Reduce Fear on potential Negative Impact Of bad water quality

Community Safety (Downstream)

Solution

Tackling potential risk of Water Quality Pollution

What is needed to reduce/ fix the <u>causes</u> of the problems or situation?



(What will <u>I</u> do to fix the causes





Pollution Monitoring



Pollution Monitoring



Expert Level monitoring

Community based water quality monitoring

Wa X

Long Term Sustainable Goal

Reduce Risk to Health of River System and promote citizen participation



Filling information gap of upstream water quality profile/ Foundation for further contribution to water quality monitoring network

What will be the change?

Output 1.

Detailed Understanding of the System

Activity 1.1 Water Quality Monitoring Plan

Activity 1.2
Extensive Environmental
Monitoring Campaign

Output 2.

More Information on Potential Threats and pollution source

Activity 2
GIS & RS/Land use
maps

Activity 2.1 Preliminary Field Survey

Output 3.

Community based monitoring Program to track pollution

Activity 3

Training on monitoring techniques and sampling/ Checklist/ Providing Monitoring Test kits

Activity 3.1

Establish monitoring sites and community monitoring

