





The Progress of ACMECS Project in Myanmar

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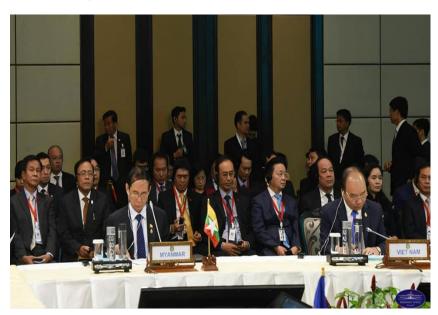
ACMEC cooperation

- Ayeyawady-Chao Phraya-Mekong Economic
 Cooperation Strategy (ACMECS) is a political,
 economic, and cultural organization among Thailand,
 Laos, Vietnam, Cambodia and Myanmar.
- The objectives of this new initiative are
 - to bridge the economic gap among the four countries, and
 - to promote prosperity in the sub-region in a sustainable manner
- Cooperating with the sectors of trade and investment, agriculture, industry and energy, transportation, tourist, human resource development, public health and environmental conservation.





President U Win Myint attended 8Th ACMECS Summit in Bangkok, 2018







Background

Goal for ACMECS project in Myanmar

one selected watersheds catchment for the examples of all land management activity (under the conceptual model for land development in watershed area)

2017- 2021

Operational framework (2017-2021)

Land Development Department (LDD): Technology transfer for land development, rehabilitation and improvement

Strategy 1: Database for soil resource and land use planning

Strategy 2: The use of technology for land development.

Strategy 3: Human resources development

Strategy 4: Supporting for sustainable land development network

Purpose

- 1. To enhance the capacity of human resources on land use planning
- 2. To create a land use and soil databases.
- 3. Zoning by land use potential, then apply for the local level frameworks.

ACMECS project plan in 2017-18

- The consultation meeting for the chief executive officers level (5 days, Thailand)
- Training on introduction to Soil Survey and Land Use Planning process in subwatershed (Thailand)
- Training course on Basic GIS and Remote Sensing (Thailand)
- On-site training on land use ground check and land use planning (Myanmar)



Strategy 1: Database for soil resource and land use planning

- Soil survey: soil resources database/soil mapping/soil interpretation/soil analysis/soil monolith (Myanmar)
- Land area potential assessment: present land use mapping/socioeconomic survey/land use planning/land evaluation (Myanmar)



Soil survey

 Training on introduction to Soil Survey and Land Use Planning process in sub-watershed, 14-24 March, 2016 (Thailand)

Land Use Analysis

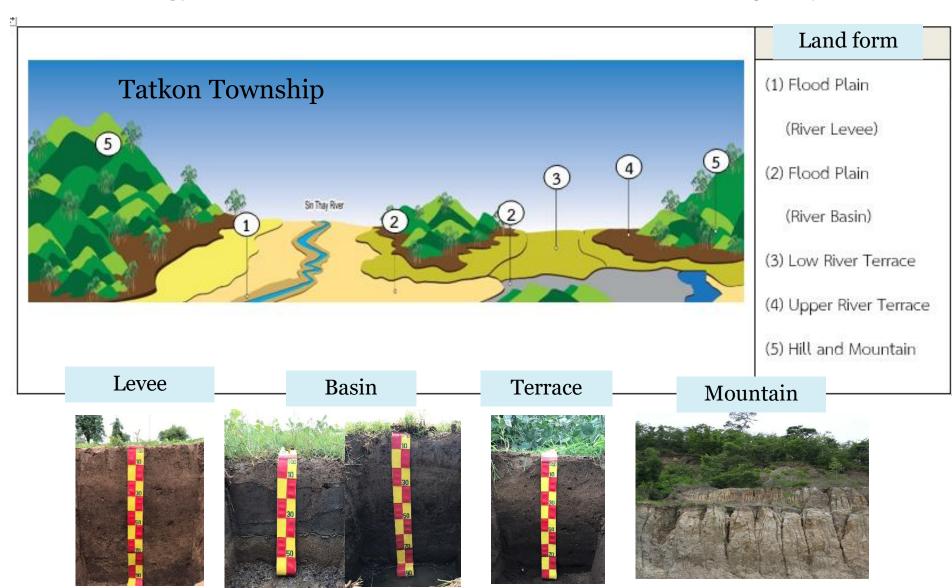
- Training course on Basic GIS and Remote Sensing, 7-14 April, 2017 (Thailand)
- On-site training on land use ground check and land use planning (Myanmar)



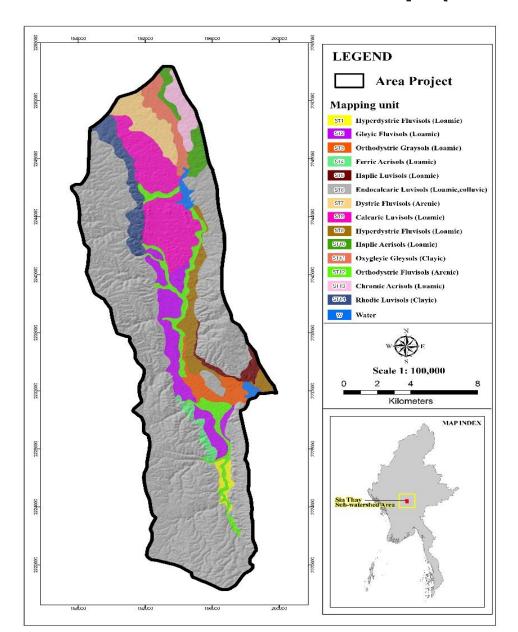


Soil survey and mapping

Geopedology approach: Relation between soil and landform/topography



Final Soil Map (scale 1:25,000)

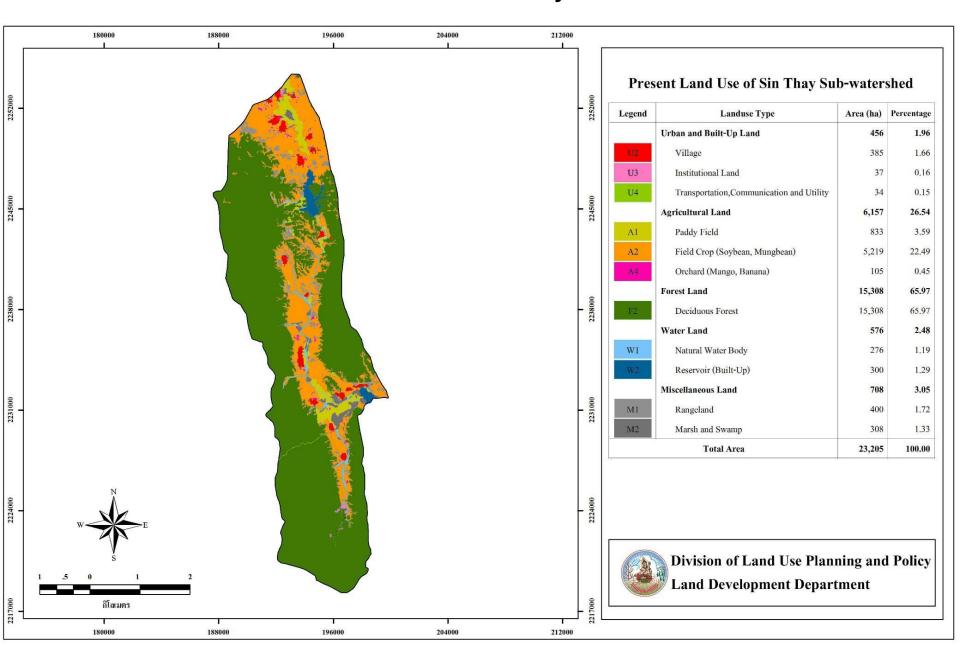


- 14 Soil mapping units
- Lowland soil (2 SMU)
- Upland soil (12 SMU)

Land Use Analysis



Present Land Use of Sin Thay Sub-watershed



ACMECS project plan in 2018

- The consultation meeting for the chief executive officers, 5 days (Myanmar)
- To conduct the workshop on soil database and mapping and soil analysis for Myanmar staff
- To monitor the land use planning project





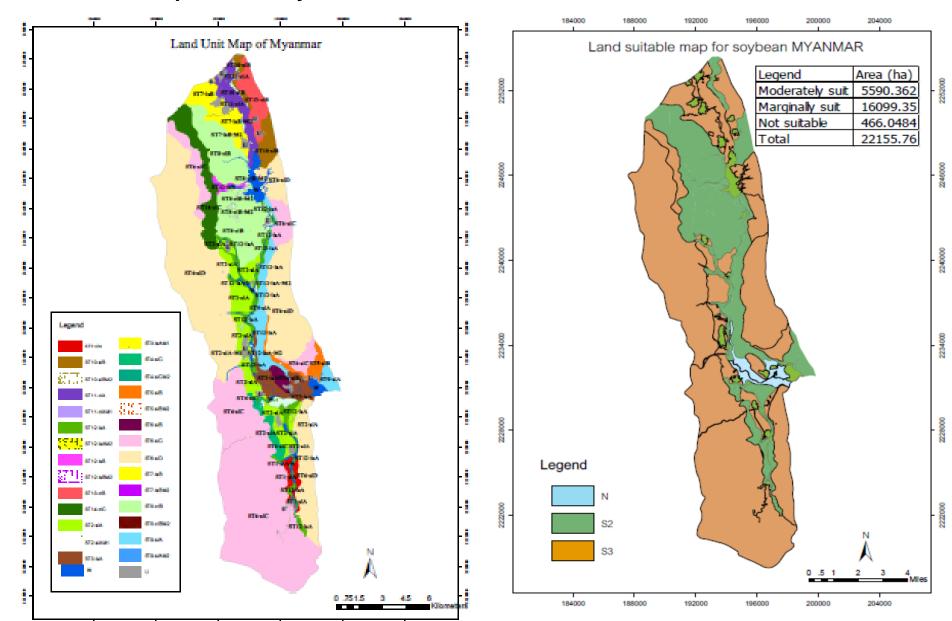
Land Use Planning

 Training on Land Use Planning for sustainable agriculture, 11-17 March, 2018 (Thailand)



Land Unit Map of Sin Thay Sub-watershed

Land Suitability Map for soy bean crop



Monitoring the land use planning project









ACMECS project plan in 2019

- The consultation meeting for the chief executive officers- 5 days (Myanmar)
- Workshop on Analysis and evaluation of soil fertility, soil improvement and the use of biotechnology for soil fertility improvement (Myanmar)
- Conducting the training on Arc GIS tools for SWC, soil test kit formulation and soil biotechnology (Myanmar)

An executive meeting and planning for activities in 2019

 Discussing on ACMECS activities plan for 2019-2020, 4-8 Dec 2018 (Thailand)





Soil analysis, soil improvement and soil fertility improvement

 Workshop on Analysis and evaluation of soil fertility, soil improvement and the use of biotechnology for soil fertility improvement, 24-28 June 2019 (Thailand)







Soil improvement

Training on Arc GIS mapping for SWC, 27-29 August 2019 (Myanmar)



Soil fertility assessment

Training on soil test kit formulation, 27-29 August 2019 (Myanmar)







Soil fertility assessment

Training on soil biotechnology, 27-29 August 2019 (Myanmar)









Project outcomes

LUD gained the practice of GIS techniques using its own program data, and present maps using program data specific to its organization.

The human capacity of concerned organization in the area of soil fertility analysis, soil fertility improvement and land use planning are improved.

Consequently, this improves will benefit the livelihoods and resilience of farmers in Myanmar.

Thank you for your kind attention!

