

Monitoring System
for Water and Flood Situation



**Normal
Management**



**Crisis
Management**



**Development
and Adaptation**

Hydroinformatics and
Climate **Data System**

Forecasting System
for Water Management

Continuous Learning

Integrated Work for **DRR to SDGs**

Integrated Work

S & T Adaptation

Technology

- Telemetering Station
- GPS/ Topographic Map, Satellite Maps
- Q-GIS
- Level Survey
- Echo Sounder

Data

- Water Maps and Diagram
- Water Resource Development Plan and Strategy
- Community Data Base
- Water Resource Database
- Water Balance Analysis

Engineering/ Innovation

Community Innovation

CWRM System

Reforestation System

Flood and Drought
Management System

Large Reservoir Management

Small Reservoir Management
System

Waste Treatment Management

Sugarcane Water System

Outcomes

Water Security

- Water Resource Management Plan in Sub-district Level
- Community Water Resource Development Plan
- Provincial Water Resource Management Center

Food & Income Security

- 3 Forest, 4 Benefits
- New Theory Agriculture

Energy Security

- Clean Energy
- Renewable Energy

SDGs

Sustain Environment

- Water, Forest, Soil, and Energy

Sustain Economy

- Food and Incomes

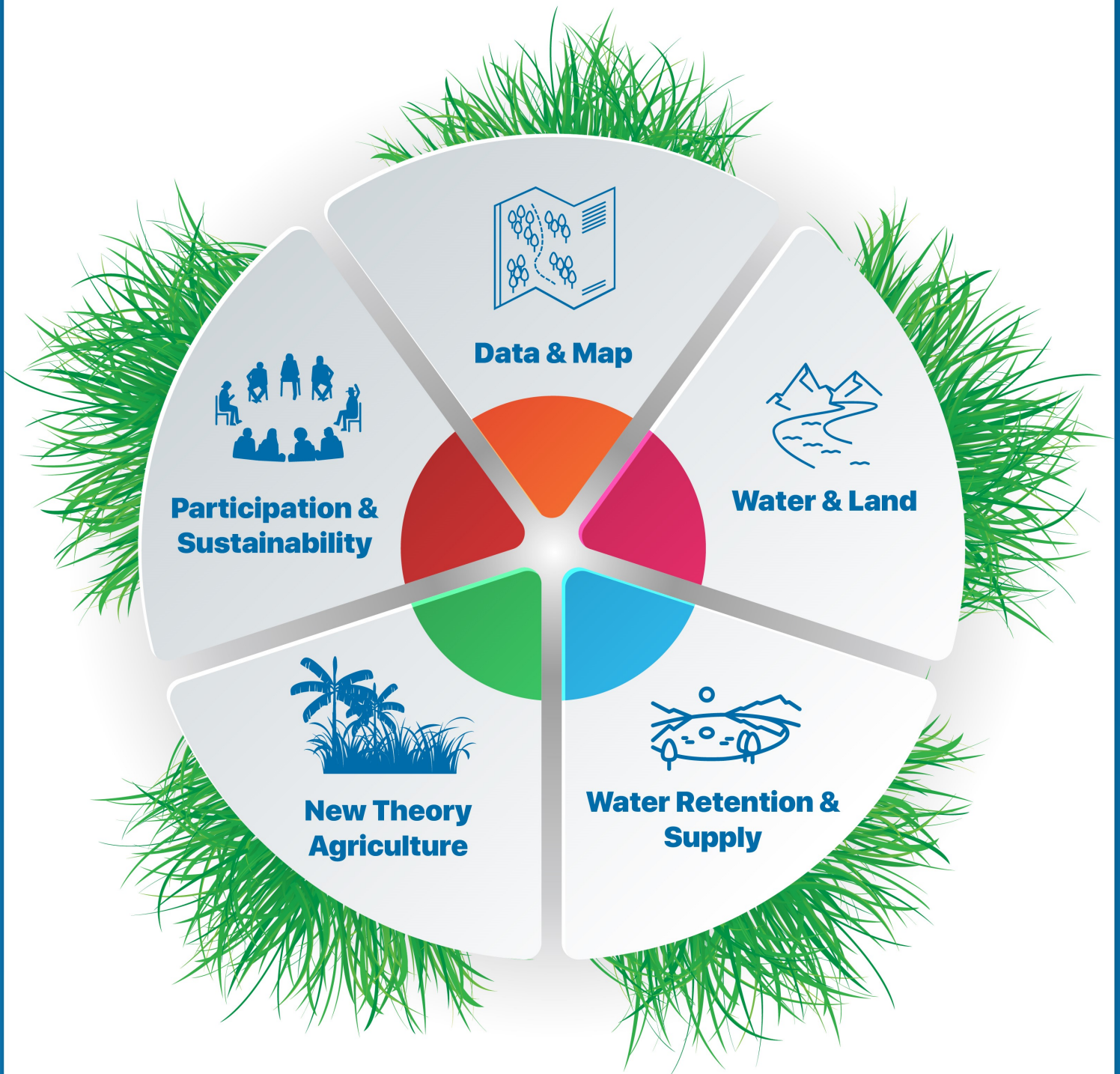
Sustain Society

- Livelihood and Health

Sustain Culture

- Community-driven and Network

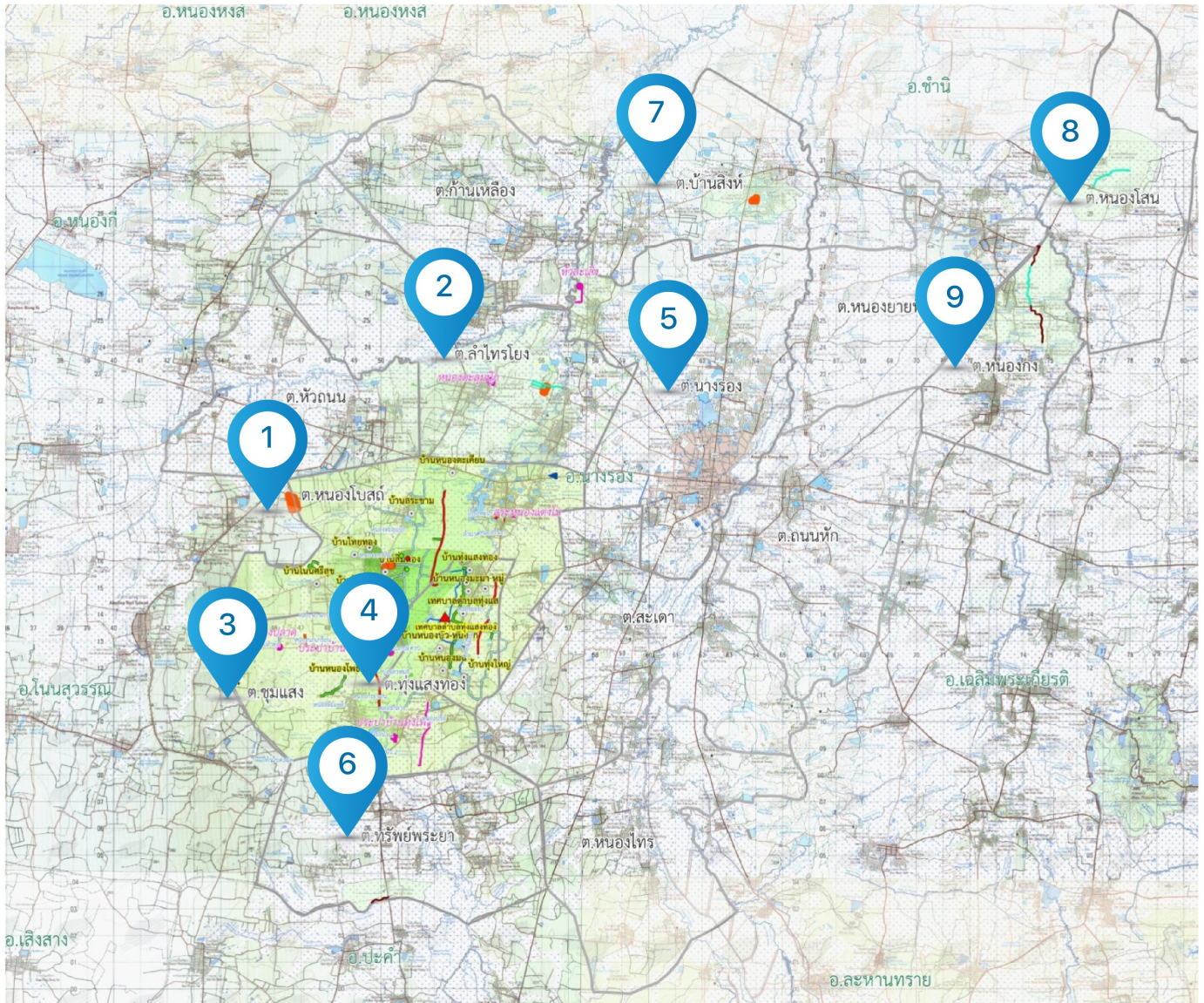
Agro Informatics: New Theory Agriculture



Ban Limthong

Nang Rong District, Buriram Province

**Network Expansion:
from 1 Community to 9 Sub-districts**



9 Sub-districts








- | | |
|--------------------|---------------|
| 1. Nongbode | 6. Sub Phraya |
| 2. Lumsaiyong | 7. Ban Sing |
| 3. Chumsaeng | 8. Nong Sano |
| 4. Thungsaengthong | 9. Nong Kong |
| 5. Nang Rong | |

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Nang Rong District, Buriram Province

The New Theory Agriculture

Agricultural Calendar for Year-around Production

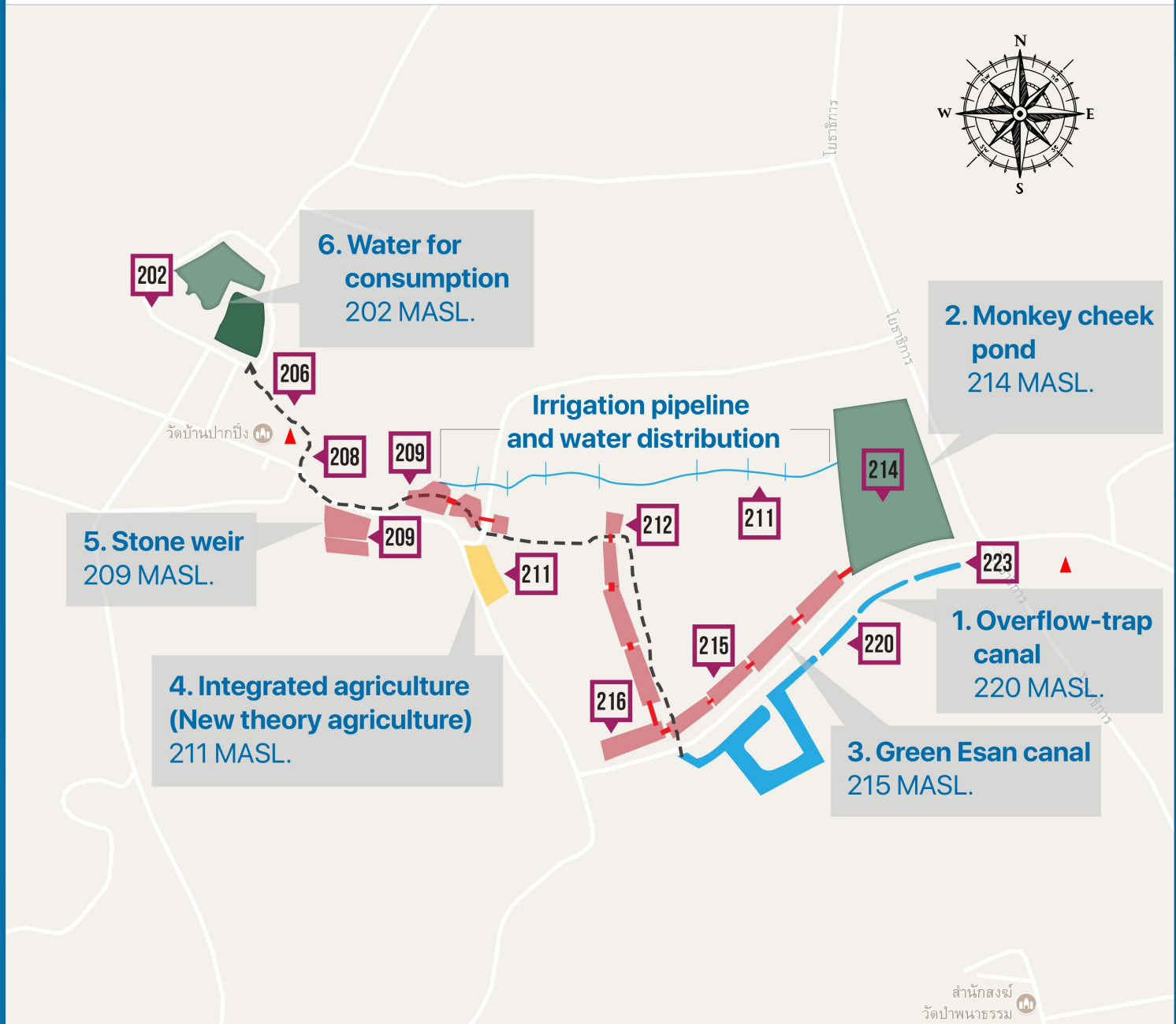
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
 Rice												
New Theory Agriculture												
 Cucumber												
 Cow-Pea												
 Mushroom												
 Banana, Papaya, Guava												
 Chilli												
 Vegetable e.g., Cabbage, Onion, Galic, etc.												



Phu Tum Phu Kratae Community

Waeng Noi District, Khon Kaen Province

Map Shows Water Management by Elevation

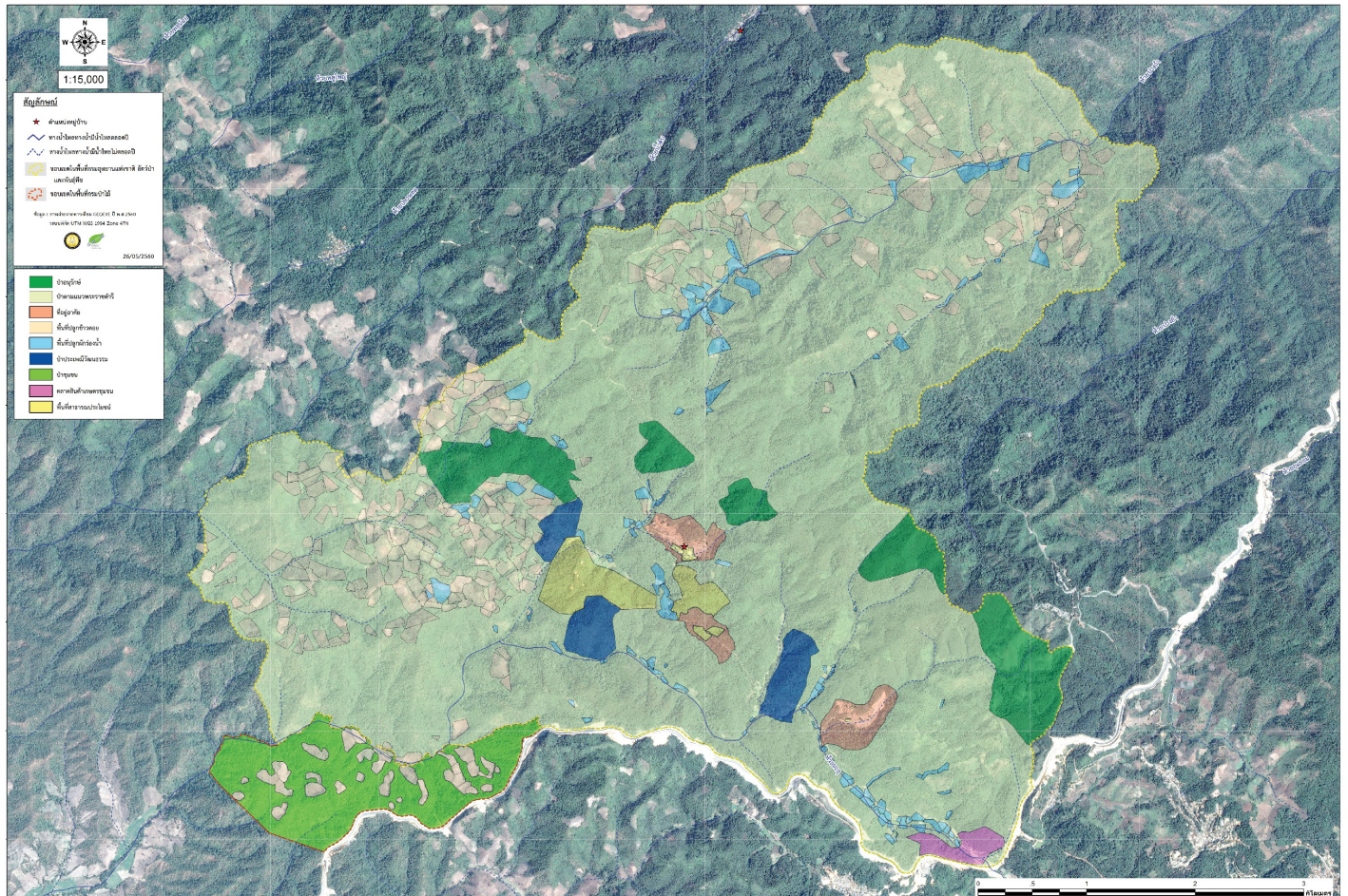


Metres Above Mean Sea Level (MASL)

Ban Huay Pla Lod

Maesod District, Tak Province

Community's Rules and Regulation, Participated with Relevant Organizations



9 Rules and Regulations

divided by the land allocation,
to manage and conserve
the forest, total of **9,063** acre.

- Conservation Forest
- 3 Forests and 4 Benefits Forest
- Household Area
- Rice Farm
- Vegetables Plant (in the channel)
- Cultural Forest
- Community Forest
- Community Market
- Public Area