

# **Memorandum of Understanding**

Between  
Graduate School of Horticulture, Chiba University  
Chiba, Japan

and

Faculty of Agriculture, Khon Kaen University  
Khon Kaen, Thailand

Graduate School of Horticulture is one of the faculties in Chiba University, Japan (herein referred to as GSH-CU).

Faculty of Agriculture is one of the faculties in Khon Kaen University, Thailand (herein referred to as FA-KKU).

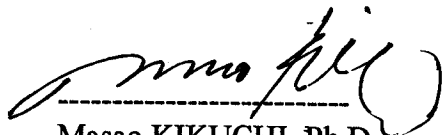
GSH-CU and FA-KKU (herein referred to as the Parties) have common objectives that are achieved more efficiently if a formal collaboration is formed. Their resources are complementary and equally suited to a co-operative research program related to the dynamic of carbon dioxide, methane and nitrous oxide as well as cyanobacteria in the agricultural lands. The parties recognize that collaborative researches which involve the researchers from both sites would be of considerable benefit and have entered into this memorandum to provide a formal framework for transfer technologies and human resources development.

The parties have agreed on following articles:

1. The collaboration is aimed at increasing knowledge on Dynamics of Carbon Dioxide (CO<sub>2</sub>), Methane (CH<sub>4</sub>) and Nitrous Oxide (N<sub>2</sub>O) as well as Cyanobacteria in the agricultural land.
2. Research activities will be designed by conducting field experiments and measurements in Northeast Thailand, collecting secondary information and the development of database.
3. During the operation of the program, GSH-CU (Lab. Soil Science) will provide:
  - (a) wages of the personnel hired for field and laboratory experiments and collecting secondary data.
  - (b) equipment for field and laboratory experiments.
  - (c) necessary hardware and software for data processing.And the FA-KKU (Department of Plant Science and Agricultural Resources) will provide:
  - (a) necessary supporting staff for the field experiments and analytical work.
  - (b) laboratory and related facilities and field stations for conducting the research.
4. The initial publication of the results will be jointly authored by the scientific team and its collaborator. After initial publication, the scientists of both parties and collaborative institutions may freely use the data in their publications without co-authorship requirements, but must acknowledge the co-operative program and refer to the initial publication.

5. This MoU will become effective after the date of signature by both parties and will be valid until the end of March 2010.

Both Parties have signed this memorandum in two original copies written in English.

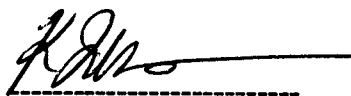


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