

Burapha University, Chon Buri, Thailand December 17th – 23rd, 2017

GLOBE Train-The-Trainer Workshop



GLOBE Train the Trainer workshop Summary

The Institute for the Promotion of Teaching Science and Technology (IPST) hosted GLOBE Train-The-Trainer Workshop on December 17-23, 2017 in Burapha University, Chon Buri, Thailand. The main objective of this training program is to collaboration among students, teachers, educators, scientists, government officials and others around the world to improve education and to attain better understanding of the earth system. The program also aims at enhancing environmental awareness as well as inspiring the next generation of explorers, citizens and scientists. Importantly, the workshop is a unique opportunity for participants to be officially certified by GLOBE Program office (USA) as “national trainer” qualified to lead teacher training all over the participants’ representative countries leading to do collaborative researchers among students, teachers and scientists on Earth Systems Science using GLOBE Protocols.



Dr. Pornpun Waitayangkoon, President of the Institute for the Promotion of Teaching Science and Technology (IPST) opened the event followed by Associate Professor Dr. Tatchai Sumitra, Chairman of IPST Governing Board. After that, Dr. Tony Murphy, Director, The GLOBE Implementation Office provided GLOBE Overview. He also stated, "GLOBE Thailand has been one of the leading countries in the Asia Pacific GLOBE region since joining the program in 1999. They have hosted events for teachers, trainers and master trainers, and have also held many student research events that include their neighboring countries in the region. Moreover, it is our great honor to invite Dr. Dixon M. Butler, National Aeronautics and Space Administration (NASA) to give the overview of Earth as a System, a new perspective for GLOBE communities.



At the conclusion of the welcoming ceremony, participants were split into two groups to begin basic GLOBE protocol training followed by advanced protocols. The workshop covered 4 Protocols such as Atmosphere and Hydrosphere Pedosphere (Soil) and Biosphere (Land cover) protocols. Break-out sessions entailed several different teaching methods to keep participants engaged and to also serve as models for teaching in the classroom. Instructors utilized computers, textbooks, visual demonstrations, and field work to help participants fully understand the protocols. Participants also spent time practicing the protocols outside on the beautiful campus in order to familiarize themselves with the processes for future teaching.

During the train-the trainer workshop, 42 participants from various institute from all over the countries were trained on good practices in GLOBE Protocols.



In addition to increasing capacity in current GLOBE countries, the workshop was held in order to offer prospective countries the opportunity for GLOBE training. The workshop marks a significant step towards a hopefully sustainable regional and sub-regional cooperation, initially among participating countries.



The participants enjoyed engaging themselves in various training activities and interacting with one another throughout the week. As is usual in any 'fun' training, many participants felt the

workshop was too short. This is certainly a good sign and IPST hopes to build on the momentum and keep them active in the network.



This event would not have been possible without the support of 18 trainers, especially foreigner trainers including Dr. Tony Murphy Director, GLOBE Implementation Office; Dr.Dixon Butler, Chief Scientist and Consultant NASA; Dr.Elena Sparrow, University of Alaska Fairbanks; and Dr.Pay Liam Lin, Country coordinator , National Central University.



Overall, the training of train the trainer workshop was successfully conducted in close co-operation with the GLOBE team in Thailand, Burapha University, and the participation of all of the devoted GLOBE trainers and teachers. Thank you for contributing a direct hand to the education of youth and preparation of future leaders in Thailand.

March 21, 2018