

## ABSTRACT

It was the first time ever in Thai academy that Symposium of Cave Resources was organised in favour of interdisciplinary. Researchers and research assistants presented 25 papers of various results concerning cave resources in Khong and Lang catchment, Mae Hong Son province and in Thungyai Naraesuan Wildlife Sanctuary, Kanchanaburi province. They, in turn, needed to exchange ideas and receive comments from the participants.

All papers presented in the Symposium can be divided into 6 parts: 1) *geology and hydrology* introduced a perspective of cave evolution and speleothem development which related to quality and quantity of surface and ground water; 2) *forestry and wildlife* showed types of forest and wildlife linking to forest pattern and density, and animal habitats outside the caves and at the cave entrance; 3) *community and local resources utilization* revealed histories of hill tribes and their believes and activities involving in natural resources control and management; 4) *archaeology* reflected significant archaeological evidences especially log coffin culture, rock paintings, and other artifacts; 5) *database and information system* showed importance of data utilization which can be developed as a geographical information system for karst topography, an artificial intelligence, and an estimation of possible cave sites; and 6) *cave management and tourism* indicated cave condition and values which can help classify caves for suitable management. Afterward there were a conclusion of cave and related natural and human resources and an evaluation of research completion in each field. Participants, at last, gave comments on further research direction.