

**Introduction to Thang Long - Hanoi Project on Area Informatics
-- With Emphasis on Mapping of Historical Heritage in Hanoi, Vietnam --**

Mamoru SHIBAYAMA

Center for Southeast Asian Studies, Kyoto University, Japan

sibayama@cseas.kyoto-u.ac.jp

Informatics will provide area studies with new approaches and knowledge, so researchers need to lead the way to further development of informatics through its application to area studies. In order to amalgamate both area studies and informatics, the Center for Southeast Asian Studies at Kyoto University is working on creating and building up a new discipline - Area Informatics, and has started a new project "Development of Area Informatics" as a 5-year project. One of the core studies in the project is "Thang Long - Hanoi Project on Preservation of Historical Heritage and 1000th Anniversary Celebration." This research includes study on historical transfiguration through urban development in Hanoi, Vietnam over 1000 years, so that digital preservation and restoration based on the studies can be made available to the public via the Internet. As well as the historical studies, the project aims to produce digital archives for preserving the Thang Long – Hanoi archaeological site and the historical heritage. In order to make progress in the historical analyses, thematic maps have been built in 4D space, collecting 150 feature data that includes GPS positions together with the historical maps based on 1873 - 2005.

The presentation provides an outline and progress of Thang Long – Hanoi Project, including a case study on historical transfiguration and mapping of archaeological site and historical heritage in Thang Long - Hanoi.