

## **Historical Analysis using YUNNAN Chronicle: Toward Developing Time-space integrated Archives for Analysis and Presentation of Cultural Resources**

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In this presentation, the basic concept of integrating archives in terms of time, space, and theme axes is surveyed, together with an idea of zooming into micro and out to macro in those three axes. Based on this, several systems are now being developed, including HuMap, which is a projection onto space-axis, and T<sup>2</sup>Map onto time-axis. As a case-study of using the system, Yunnan Chronicle Database Project is in progress, where text data in each chronicle are organized as a normalized form suitable for HuMap and T<sup>2</sup>Map. The Yunnan Chronicle is a collection of prefectural historical records in Yunnan Province covering mainly after the World War 2. By analyzing the chronicle, we may get new insights or findings in terms of environmental, political, social and cultural interrelationship, for further understanding of the region.

For this purpose, an idea of creation and representation of interrelationship link in Chronicle-type presentation like T<sup>2</sup>Map, or in GIS-type presentation like HuMap is introduced. In addition, another idea of “Cychronicle”, which is a way to view a chronicle in a quasi-cyclic representation to find and analyze the seasonal effects embedded within the socio-cultural network system in the monsoon area like South-East Asia.

In this presentation, those ideas and some analysis resulting from the Yunnan Chronicle Database is introduced and discussed.