

## Linking Time, Space, and Statements in One GIS System: A Use Case of Studying Individuals' Biographies

Author(s): CHAO-LIN LIU, Pi-Ling Pai, Yi-Fan Peng (see profile)

Date: 2020 Group(s): DH2020

Subject(s): Biography, Chinese studies, Data visualization, Natural language processing, Spatial humanities

Item Type: Video

Tag(s): Digital biography, Geographic Information Systems, geohumanities, Spatial & Spatio-Temporal

**Analysis** 

Permanent URL: http://dx.doi.org/10.17613/c2ng-r737

Abstract: In this research, we focus on spatial analysis and natural language processing (NLP) techniques to find two elements: "Where (Location)" and "When (Time)" in the biographical data. By linking and showing the extracted information via a GIS system, we built a spatiotemporal system for scholars to study historical issues from different perspectives. We believe that showing placenames on a GIS interface and relevant statements about the placenames on a time-related scale can provide helpful

hints to complex research work.

Metadata: xml

Status: Published

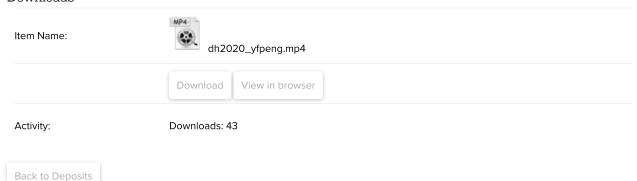
Last Updated: 11 months ago

License: All Rights Reserved

Share this:



## Downloads



HUMANITIES COMMONS. BASED ON COMMONS IN A BOX.

f y 🖾 ^

TERMS OF SERVICE • PRIVACY POLICY • GUIDELINES FOR PARTICIPATION