

Early Career Research Profiles

This profile series on young members of INHIGEO is to create a space where early career scholars can present their studies and research interests within the history of the geological sciences to the whole membership and anyone who receives the newsletter, in order to highlight their field of expertise. It is hoped this will lead to contacts and collaborations for the future through our extensive network. Our profile this month is on an early career researcher from China.

Name: YANG Lijuan



Studies:

2014-2017: PhD, History of Science, University of Chinese Academy of Sciences, Beijing, China.

2011-2014: Master's degree, History of Science and Technology, University of Chinese Academy of Sciences, Beijing, China.

2007-2011: Bachelor's degree in Biological Engineering, Jilin University, Changchun, Jilin, China.

Position: "ZJU100 Young Professor" at the School of History, Zhejiang University.

Title of Ph.D: *The Spread of Modern Geology and Mineralogy in China: A Case Study of the Textbooks of Geology and Mineralogy (1853-1937)*

The modern geological and mineralogical textbooks appeared in China after the Sino-Japanese War in 1895. They played important roles in the spread of geological knowledge and scientific communications, and largely reflected the development of geology in China. This study focuses on translated books and textbooks on modern geology and mineralogy which were published in 1853-1937. It analyses the publications and the change of the content of those books. Combining with the perspective of the history of education and the social history, this study explores the spread of geology and mineralogy in modern China, and discusses the relationship between the textbooks and the standardization of the geological terms. This study follows a chronological order and analyses the characters of the development of geology and mineralogy at different stages. Five parts are included in this dissertation.

Research interests: the history of geology, the history of modern science, and the history of scientific exchange between China and the West.



Photo caption: Graduation photo of the faculty and students of the Geological School, Peking, China, July 14, 1916. Source: Wong, W.H., and Chang, H.T. (Eds.), 1916, *Geological Reports of the Students in the Geological School*. Jinghua Printing House, Peking. (In Chinese)

Publications:

Yang Lijuan, “Between fieldwork and classroom training: the Geological School and the early geological surveys of China (1913-1916)”, *Episodes*, 2025, 48(4): 579-586.

Yang Lijuan, “A Study on the Geological and Mineralogical Education and the Textbooks of Mineralogy in the Late Qing Dynasty”, *Geological Review*, 2026, 72(2):340-345.

Yang Lijuan, “An Account of Sino-Japanese Scientific Exchange and Interaction in Late Qing and Early Republican Periods: Based on the Study of the Translation and Naming of Two Geological Terms”, *Earth Sciences History*, Accepted, to be published in 2026, Vol. 45(2).

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