

Title:

Analysis of Industrial Memory as a Medium of International Exchange of Industrial Heritage - Coal Mine Cultural Exchange between Taiwan and Japan in Recent Years

Abstract:

Since the 19th century, the industrial technology had spread from Europeans throughout the world, to prompt the rapid development of global industrial revolutions. Industrial heritage can explain regional culture and industrial history, and industrial memory has the core value that records the development of the industry, so industrial memory has archived files of regional, national and international importance. Industrial cultural heritage preservation organizations always promote Industrial heritage through industrial memory, and prompt governments, citizen, companies preserve industrial heritage actively.

During the Japanese colonial period in Taiwan, a large number of coal mining enterprise resources and coal mining technology were imported from Japan to Taiwan. Japanese coal mining technology greatly affected the modernization of coal mines in Taiwan, so the development of coal mine in Japan is closely related to the history of Taiwanese coal mines during the Japanese colonial period. The author has participate in the coal mine cultural exchange between Taiwan and Japan since 2015, and promote coal mine museum exchanges through industrial memory. Therefore, this paper will focus on the coal mine cultural exchange between Xipingxi Taiwan Coal Mine Museum and Tagawa city coal mining historical museum, and analyze the strategy and results of the international exchange of coal mine culture between Taiwan and Japan. The main analysis themes and research findings of this thesis are as follows.

- 1\ Take the Taiwan-Japan coal mine genealogy as the theme of exchange, so that the preservation of coal mine culture has a common discussion topic and build the cultural exchange platform.
- 2\ Using coal mine archives and the oral history of old miners as references to promote the exchange of coal mine history research between Taiwan and Japan.
- 3\ Using coal mine paintings and historical photos as the spatial identification of the historical mining heritage and recognizing our cultural heritage. (machinery, equipment, daily life, mine technology...etc.) Through the coal mine exchanges between Taiwan and Japan, a lot of miners have become volunteers for the conservation of coal mine heritage.
- 4\ International coal mine cultural exchange activities such as exhibitions, learning activity and seminars of the coal mine museum promote the Taiwan-Japan coal mine International seminars and coal mine museum International cooperation agreement.
- 5\ The Pingxi Railway in Taiwan and the Heisei Chikho Railway in Japan have established sister railway through the exchange of coal mine memories, and promote regional development in the post-industrial period.
- 6\ The international exchange of coal mine memory promote the miners and residents in Taiwan and Japan to deepen the understanding of the local coal mine history and the coal mine heritage conservation.