



# CONSTRUCTION OF URBAN RECOVERY DIGITAL ARCHIVES FOR CHI-CHI CITY ON GOOGLE EARTH

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**ABSTRACT:** The improvement of the recent information technologies has changed the ways of recording urban recovery. The authors report on the Urban Recovery Digital Archives for Chi-Chi City affected by the 1999 Taiwan Earthquake, which was constructed in order to record the post earthquake recovery condition based on the field surveys. This paper shows how the authors obtained the necessary information in Chi-Chi and how to develop the digital archives. It also presents the contents and functions including timescale expression, images of building conditions, and the recovery information of some important facilities using placemark.

**Key Words:** 1999 Chi-Chi earthquake, Chi-Chi, Urban Recovery Digital Archives, Google Earth, digital city, space-time