

## **The Research about Environmental Assessment Index of Brownfield Redevelopment in Taiwan - A Case Study on Formosa Chemicals and Fibre Corporation, Changhua Branch**

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**Abstract :** The concept of "Brownfield" has been developed for nearly 35 years since it was put forward in the Comprehensive Environmental Response, Compensation, and Liability Act, CERCLA of USA in 1980 for solving the problem of soil contamination of those old industrial lands, and later, many countries have put forward relevant policies and researches continuously. But the related concept in Taiwan, a country has developed its industry for 60 years, is still in its infancy. This leads to the slow development of Brownfield related research and policy in Taiwan. When it comes to build the foundation of Brownfield development, we have to depend on the related experience and research of other countries. They are four aspects about Brownfield: 1. Contaminated Land; 2. Derelict Land; 3. Vacant Land; 4. Previously Development Land. This study will focus on and deeply investigate the Vacant land and contaminated land.

**Keywords :** brownfield, industrial land, redevelopment, assessment index

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