

ABSTRACT

CREATIVE PROJECT: Developing Underground Space to Decrease Urban Sprawl: A Case Study of Chicago

STUDENT: Hejun Zhang

DEGREE: Master of Urban and Regional Planning

COLLEGE: Architecture and Urban Planning

DATE: December, 2012

PAGES: 45

This study provides a brief discussion of urban sprawl and its causes. The use of underground space to decrease the effects of urban sprawl is then provided with examples of such use from around the world. The city of Chicago is then used as the case study community to underground how underground uses have helped the city to decrease urban sprawl. The future projected growth of the city's population and its demand for land use is analyzed. Finally, a future projected population with underground space development is provided as a way to decrease sprawl.