

PR75701 Community Resilience and Practices

2021_01 Prof. LEE Inhee, 051-510-7634, samlih@pusan.ac.kr, www.samlih.com->web class

Course Objective

Resilience to be considered as one of the defining issue of this century. There are changes already in motion such as climate warming and other conditions arising from chronic urban stresses such as high unemployment, extreme wealth discrepancies, violence and water shortages that are increasingly difficult to mitigate against. These are happening with such acceleration that many societies are caught out with insufficient time and other resources to adapt in a seamless and timely manner. On this course, We will explore many ways that architectural academics and practicing architects are engaging with issues of resilience and study emerging knowledge to set it in a theoretical context.

현대도시에 있어서 리질리언스는 가장 명확하게 정의되어야 할 개념 중 하나이다. 현대도시는 대량산업, 극심한 빈부차이, 폭력과 물 부족 등의 만성적인 도시스트레스에 기인하는 다양한 문제와 기후변화와 같은 많은 변화들이 발생하고 있으며 이에 적절한 적응과 대응이 요구되는 시점이다. 본 수업은 건축의 이론과 실무영역에 있어서 지역의 커뮤니티 리질리언스에 관한 이론들과 실재의 사례를 조사하고 연구하여 지식을 익히고 미래에 대응할 수 있는 사고를 발전시키는데에 목적이 있다.

Course Description

Resilience will be a defining quality of the twenty-first century. As we witness the increasingly turbulent effects of climate change, the multiple challenges of resource depletion and wage stagnation, we know that our current ways of living are not resilient.

This course takes community resilience as a transformative concept to ask where and what architecture might contribute. Bringing together cross-disciplinary perspectives from architecture, urban design, art, geography, building science and psychoanalysis, it aims to study multiple perspectives of research, spatial strategies and projects that are testing how we can build local resilience in preparation for major societal challenges, defining the position of architecture in community resilience discourse.

Text Book

1. Trogal, K., Bauman, I., Lawrence, R., & Petrescu, D. (Eds.). (2018). Architecture and Resilience: Interdisciplinary Dialogues (1st ed.). Routledge.
<https://doi.org/10.4324/9781315159478>
2. National Academies of Sciences, Engineering, and Medicine 2019. Building and Measuring Community Resilience: Actions for Communities and the Gulf Research Program. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25383>.

References

1. article_Modelling, Measuring, and Visualising Community Resilience: A Systematic Review Sustainability 2020
2. article_The conceptual framework of community resilience of the flat residents, International Journal of Engineering & Technology, 2018
3. report_Building Community Resilience Report, Four Forum Network and Dublin City Council, 2019
4. report_Building livelihood and community resilience, Building Resilient Communities in Somalia & EU, 2019
5. report_Community Resilience Indicator Analysis-County Level Analysis of Commonly Used Indicators From Peer Reviewed Research, Argonne National Laboratory, 2018

Requirements & Grading

All students are required to attend all classes and complete all assignments on time. Any student who has more than three unexcused absences may be failed in the class. Whenever possible, discuss any necessary absences with instructor before you are absent or very shortly thereafter. An incomplete grade will only be issued when a student is unable to complete the class because of a documented illness. A letter from your physician will be required documentation.

-Presentation 60%

-Assignment 30%

-Attendance and active participation in group discussions 10%

Schedule

week 01 : Introduction

week 02 : Resilience – Definition and Concept

week 03 : Preview – The Cases of Specific Villages in Busan

week 04 : Overview(1) Dialogue I narratives of resilience

week 05 : Overview(2) Dialogue II community resilience and the right to housing

week 06 : Overview(3) Dialogue III new pedagogies of resilience, Dialogue IV: challenging climate denial and Dialogue V: resilience ethics and interdependence

week 07 : Overview(5) Dialogue VI: scales of resilience concerning the city, the region and globalisation

week 08 : Mid-Discussion

week 09 : Presentation/discussion(1) - Dialogue I

week 10 : Presentation/discussion(2) - Dialogue I

week 11 : Presentation/discussion(3) - Dialogue I

week 12 : Presentation/discussion(4) - Dialogue II

week 13 : Presentation/discussion(5) - Dialogue II

week 14 : Presentation/discussion(6) - Dialogue II

week 15 : Final Discussion