



Adapted from ARCHIGRAM_Ron Herron, Walking City, 1964

URBAN BIOTOPES

OTANIEMI now | after

This course is based in two initial assumptions. Firstly, because of its systemic and pattern:process methods, Landscape Ecology and Urban Ecology can activate new ways of thinking and working in other city-related disciplines. Secondly, Landscape Ecology and Urban Ecology can foster multidisciplinary and transdisciplinary approaches to the city by recognizing it as a complex and evolving socio-ecological system.

In particular, this studio course will advance in the integration of Ecology and Planning by:

- Facilitating the incorporation of theoretical and methodological inputs based on Landscape Ecology and Urban Ecology in different disciplines
- Co-defining new theoretical and methodological frameworks inspired by Landscape Ecology and Urban Ecology to advance in multidisciplinary and transdisciplinary thinking and in the development of more sustainable and resilient urban socio-ecological systems.
- Applying and retrofitting the generated knowledge in the Otaniemi Case.

The work will be developed both individually and in teams and will be structured in the following parts:

- PART1: Theoretical and Methodological approaches to the City: Landscape Ecology, Urban Ecology and Socio-Ecological Systems as catalyzers for Multidisciplinarity to Transdisciplinarity.
- PART2: A Socio-ecological and Urban Biotopes based study of current Otaniemi
- PART3: Scenarios, Strategies and Pilot Actions for Otaniemi 2020>2050

MAR-E1037 / ECGS-905 Landscape Ecology and Planning: URBAN BIOTOPES_Otaniemi

TEACHERS: Juanjo Galan (Aalto Univ.) / Johan Kotze (Univ Helsinki)

CREDITS: 10-15 (full course), 3 (theoretical course)

TEACHING PERIOD: III, IV, V (10.1.2020 - 29.5.2020 Friday 9:15 - 16:00)

REGISTRATION: Webodi / QUESTIONS: juanjo.galan@aalto.fi