

Modulbeskrivelse

Post-Extractive Urbanism 1: Operational Landscapes of the Nordic Arctic

Tilbage til oversigten

Titel

Post-Extractive Urbanism 1: Operational Landscapes of the Nordic Arctic

Indholdsbeskrivelse

This semester will explore approaches to spatial planning, urban design and architecture in a range of operational landscapes of extraction in the Nordic Arctic. Sites will address a range of material extraction logics and site-specific thematics.

Students will be tasked with developing coherent and aesthetically reflected spatial alternatives to current unsustainable practices across scales and timespans that respond to the research of the studio and its sub-groups, and to the challenges and opportunities at hand.

The work will be conducted in dialogue with relevant academics, indigenous communities, public, private and civil sector actors.

Der kunne evt også stå noget lidt mere eksplicit om hvilken rolle forholdet mellem 'landscapes of extraction' og 'urban design'/'the strategic urban plan' spiller. Som det står, er denne sammenhæng ikke tematiseret.

Læringsudbytte

General:

- knowledge related to history, theory and discourse, and their application, at the intersection of architecture/urbanism and issues of urban and societal transformation;
- insights into the complex landscape of actors and dynamics in the production of architecture and urbanism;
- knowledge and skills of research and analysis allowing comprehension, synthesis and visualization of complex conditions of societal change – and the ability to translate/reformulate these conditions in the form of architectural and urban programs within specific contexts;
- knowledge and skills in the creative development and production of a socio-spatial project at architectural and urban scales ranging from designing building envelopes and urban design to strategic planning. This includes insights and skills in the development of spatial, organisational and strategic concepts through iterative exploration and risk-taking, and their articulation in relevant and compelling formats of architectural and urban communication and visualisation.

IABL shared courses (USC & ARCH+LAND):

Spatial Planning I:

- Knowledge of the history of and discourse of urban- and landscape planning from the antique city-state to the industrialised and post-industrialised mega-cities.
- Insight into and understanding of contemporary challenges to the Danish Planning System, including issues of climate and biodiversity and demographic challenges.
- Insights into the specific contributions to planning from the architectural profession
- Insight into how futures are produced and stabilized through discourses and materialisations and visuals.
- An overall insight into the most current theories and paradigms within the topic of the course.

GIS part 1, Introduction:

- Acquaintance with GIS, knowledge of its network and structure
- Skills in setting up maps and accessing data.
- Ability to apply GIS in ongoing projects

Modulansvarlig

Runa Johannessen

Undervisningsformer

The general pedagogical approach of this semester is centred upon a feedback loop between research and design supported by a combination of studios and courses.

Assignments, resulting in organizational and spatial design proposals that are largely self-programmed, are carried out at registers and scales spanning from the architectural intervention, and urban design, to the strategic urban plan. Emphasis will be placed on practices of engaging societal challenges through precisely framed research polemics and articulated design proposals.

In addition to the main research-design studio component of the semester, supporting course elements involve a range of lectures, readings, discussions, assignments etc.

Courses:

- Poly-Optical Urbanism: Local study tour introducing complexity of architectural/urban production in relation to transformational spatial discourses through narration by contrasting actors and agendas;
- Additional Workshops in Communication and Visualization.

IBBL shared courses (USC & ARCH+LAND):

Spatial Planning I

Introduction to the history, theory and contemporary challenges to urban and landscape planning.

The course is a combination of readings in groups each afternoon preparing questions for the 3 lectures the following morning and the debate among students and lecturers mid-day. The course is introductory, laying the foundation for insight into and understanding of the history, most important theories and current challenges within urban

planning and landscape architecture, including the specific contributions to the field from architecture through aesthetically based methods and through the production of futures. Lectures introduces to background and conditions for planning, including the formation of DK-landscape, history of garden art, the historic development of cities and contemporary challenges, aesthetic discourses in architectural planning as well as the role that future imaginaries hold in architecture and planning; utopias, visions, scenarios, plans etc.

Workload: Presence all days are expected[TE2] . 4-6 texts are read each day in the groups, however the individual student reads and presents 30-45 pages a day, but will through the reading-relay in the groups get acquaintance with btw. 400-600 pages.

Language: All lectures are in English, and 90% of texts are in English, a few historic documents on DK-planning is only available in Danish. English spoken students only read English texts, but will get acquainted with the Danish texts through the reading-relays.

GIS part 1, introduction: Introduction to research, analysis, and visualisation of urban conditions and dynamics through geographical information systems (GIS)

Pensum

Approx. 300 pages (titles given in the semester plan)

Krav til afleveringer

Background and in-depth research/ identification and analysis of key issues. Infographics and visual communication of the research. Programmatic development. Formulation of the design scenario and its argumentation. Presentation of the intervention with models, drawings and visualisations; and presentation of its transformation in relation to the planning system framework, presented with planning documents including drawings and other visual material.

Reeksamen/sygeeksamen

As ordinary but with the precondition that the student submit their project in Digital Exam before the oral examination.

Mulighed for gruppeprøve



ECTS

30.0

Prøveform

Oral examination, 30 minutes

Bedømmelsesform

Danish 7-point grading scale

Censurform

Intern

Evalueringsstype

Modulevaluering

Blok

Hele semestret (kand)

Enhed

Institut for Arkitektur, By og Landskab

KalSem

E26

Modul-id

1399

Niveau (bach/kand)

Kandidat

Periode

Efterår

Program

Urbanism & Societal Change

Semester

KA1

Sprog

Engelsk

Uddannelse

Arkitektuddannelsen

UVA

AK---200-U