

Vorlesungsverzeichnis

Integrated Urban Development and Design (PO
2018)

Sommer 2020

Stand 12.11.2020

Integrated Urban Development and Design (PO 2018)

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Integrated Urban Development and Design (PO 2018)

118220601 Green Dreams of Suburbia: Climate Change, Sustainability and Urban Form

B. Stratmann

Veranst. SWS: 2

Seminar

Di, wöch., 11:00 - 12:30, 05.05.2020 - 07.07.2020

Beschreibung

Green Dreams of Suburbia: Climate Change, Sustainability, the COVID-19 pandemic and Urban Form

Suburbanisierung ist zu einem globalen Trend in der Stadtentwicklung geworden. Angesichts des drohenden Klimawandels, zur Neige gehender Erdölreserven und gleichzeitig noch ansteigendem globalen Energieverbrauch stellt sich jedoch die Frage, ob suburbane Räume mit dem Ziel nachhaltiger Stadtentwicklung vereinbar sind. In dem Seminar wird der Diskussion um Nachhaltigkeit und Stadtstruktur nachgegangen, denn aktuell liegen neue Erkenntnisse zu dieser Thematik vor, die auch Architekten und Städtebauern neue Betätigungsfelder eröffnen.

engl. Beschreibung

When looking at suburbs, people and planners often see something very different. Whereas the former dream of a better lifestyle, the latter often talk about urban sprawl and point to a long list of negative aspects of this kind of urban form. Particularly in view of rising energy consumption, Peak Oil and possible climate change continuing trends towards global suburbanization have caused concerns. However, more recently the "reading" of suburbs has changed. The prevailing critical discourse has been challenged by the assumption that suburbs – if designed and managed well – can be aligned with the overall goal of sustainability. This includes a reappraisal of "suburbanism as a way of life" that might offer a lot. The seminar will examine the current debate by taking American, Australian, Chinese and German cities as an example. To this end concepts of sustainable urban development will be explored, followed by a practice review. It will be argued that the debate on suburbia is embedded in a much larger, underlying debate on the good life.

Bemerkung

Die aktuelle Corona-Krise wie auch zukünftige Pandemie-Risiken werfen die Fragen auf, ob eine weitere Ballung von Bevölkerungen in ohnehin schon dichten Metropolen sinnvoll ist, ob Strategien der Nachverdichtung nicht (enge) Grenzen zu setzen sind und ob dezentralere Siedlungsstrukturen und geringere urbane Dichte tatsächlich eine Schutzwirkung haben.

Leistungsnachweis

Die Prüfung erfolgt in Form eines Referates mit schriftlicher Ausarbeitung, die gegen Ende des Semesters eingereicht wird. Bei Testat bleibt die angefertigte Arbeit unbenotet.

119122401 Circular Urbanism - Metabolism-based Planning Strategies for Rural-Urban Transformation in Ethiopia

S. Schneider, R. König, P. Schmidt

Veranst. SWS: 8

Projektmodul

Do, wöch., 09:15 - 18:30, 07.05.2020 - 09.07.2020

Beschreibung

The transformation from a mainly agricultural society to industrialisation that is faced these days in Ethiopia is linked to substantial changes of the country's rural and urban areas. With these shifts, the processes of urbanisation and expectations towards modernisation is seen as a chance to create new and adaptive urban planning proposals that meet specific needs and conditions of the Ethiopian development context in Sub-Saharan Africa. While the World Bank is promoting rapid economic growth for Ethiopia, still the country is one of the poorest countries in the world,

and the question arises in how far urban design and planning can create concepts and flexible urban models that are reactive enough to stimulate different scenarios responding for balanced development.

One of the main frameworks to create such a balance for emerging cities are the United Nations Sustainable Development Goals (SDG). Different key factors like food security, energy, water and sanitation are linked to resource questions of material and land and how those can be influential on the development of prospective cities. Thus, for the development of new towns in rapidly urbanizing regions the understanding of material flows and circulation within the urban system is crucial when it comes about any building activity that determines the urban form and what we finally experience as urban, including open and public space and healthy living conditions.

To better understand how such flows of material resources and energy are linked to building activities in rural urbanisation processes and their impact on the existing environment, in our study project, we are referring to urban metabolism as a framework for urban design and planning of small cities.

Participants will be analysing urban patterns and flows of small cities, learn about the context between urban metabolism and its spatial implications and apply tools and methods for a spatial analysis and finally implement that knowledge in spatial models and concepts to simulate possible development scenarios.

Bemerkung

Do, 09:15 - 18:30 Uhr

Ort: Computerpool EG, Belvederer Allee 1a

Beginn: 02.04.2020

Umfang: 15 ECTS

Voraussetzungen

Studiengänge: Master Integrated Urban Development and Design (IUDD)

119122403 Parametric Urban Design and Analysis II

A. Abdulmawla, E. Fuchkina, S. Schneider

Veranst. SWS: 2

Seminar

Di, wöch., 13:30 - 15:00, 05.05.2020 - 07.07.2020

Beschreibung

Cities are complex human made objects. They consist of thousands of elements and need to satisfy numerous human needs. The definition of urban form (street network, plots, building volumes) is a crucial step in the planning of cities because it has the longest lasting effect on their social, economic and ecological performance. Thus, this step needs to be undertaken with greatest care. In this course we will deal with computational methods to support this process.

The course extends the knowledge and methods you learned in PUDA I. You will learn and train advanced parametric modeling techniques and further analysis methods as well as basic knowledge about statistics to study relationships between urban form and its manifold functions.

You apply the learned skills in an urban planning project for new towns in Ethiopia (IUDD Study Project "Circular Urbanism"). It is expected that the participants have absolved the course "Parametric Urban Design and Analysis" from the previous semester.

Bemerkung

Di, 13:30 - 15:00 Uhr

Ort: Computerpool EG, Belvederer Allee 1a

Beginn: 07.04.2020

Umfang: 3 ECTS

Voraussetzungen

Studiengänge: Master Integrated Urban Development and Design (IUDD)

119123701 Introduction to Masters´ Thesis

P. Schmidt, S. Schneider

Veranst. SWS: 2

Seminar

Mo, wöch., 11.05.2020 - 06.07.2020

Beschreibung

The preparatory seminar is a combination of various aspects that support students to prepare and organise their master's thesis. It aims to the individual thematic development of the thesis topic. Derived from the subject areas of IUDD the thesis refers to the inductive development of interdisciplinarity. Students are guided through the logic of research, the definition of individual research interest and the more objective need to communicate specific knowledge related to a certain subject of interest. At the end of the seminar, a thesis proposal should be developed based on an adequate research framework and research design, considering methodological aspects and quality of research. This seminar is arranged as intensive workshop with lectures, discussions, exercises and group work.

120120205 Hotel and regional concept for the historic capital of the Euregio Meuse-Rhine: Limbourg/ Belgium

S. Huang, B. Nentwig, K. Schmitz-Gielsdorf

Veranst. SWS: 10

Projektmodul

Do, wöch., 09:15 - 16:45, 07.05.2020 - 09.07.2020

Beschreibung

This project centers on 3 cities: Verviers, Limbourg and Eupen, which are located in different languages speaking communities in the Liège province, Wallonia region, Belgium. What makes this project fascinating is not only the rich culture backgrounds among German, Belgian and French, but also the international cooperation of 'Meuse-Rhine Euroregion' which has been set up since 1976.

Under the umbrella of this project, there are two specific subprojects in two different languages which are provided for your free of choice:

1. A regional development concept, whose approach will be on a relatively macro scale. The tuition language is English.
2. A hotel design: the castle hotel Chateau d'Andrimont, which will be on a concrete architecture scale. The tuition language is German.

This development is suggested to be taken further in the Euroregion and beyond.

A vision statement and a forward-looking, sustainable regional concept for the next decade should be developed, which analyzes and makes the best of the tourism, landscape, cultural and socio-economic potential of the region. The to-be-developed regional concept should be in line with the below shown 'eastern Belgium living 2025' for the German speaking community, which has been in implementation since 2008.

The macro region of the project includes Verviers, Limbourg and Eupen. However, further focus is suggested to be put on the city of Limbourg, which is currently establishing itself as the "Historic Capital of the Meuse-Rhine Euroregion" based on its historical importance as the "Old Capital of the Duchy of Limbourg".

"In 2008 and 2009, a long-term strategy was elaborated, transcending the kind of policy planning that is determined by legislative periods." -- Ministry of the German-speaking Community, 2016

And our research is to put the focus on how a comprehensive regional development concept can be produced through the joining forces among different stake holders in order to foster various international and interdisciplinary cooperation.

Bemerkung

Due to the current situation of COVID-19, the task will be proceeding individually.

However, you should not be feeling working isolated or abandoned. Therefore we will make the best use of the online Moodle platform to engage all of us.

Scheduled Online-Seminar are for all students to exchanged design ideas every other week on Thursday.

Individual E-consultations via ZOOM or TeamViewer will also take place every other week. Nevertheless, extra E-consultation time slot is possible. You can arrange if needed via Emails beforehand.

Meeting Schedule:

07.05 at 9:15 Online-Seminar: Project

Introduction Day

14.05 E-Consultation

28.05 at 9:15 Online-Seminar

04.06 E-Consultation

11.06 at 9:15 Online-Seminar

18.06 E-Consultation

25.06 at 9:15 Online-Seminar

02.07 E-Consultation

09.07 at 9:15 Online-Seminar or Excursion:

Final presentation in

Limbourg

Voraussetzungen

Project Registration via Bison as well as via Email to:

shimin.huang@uni-weimar.de

Leistungsnachweis

Über den Leistungsumfang kann sich im Einzelnen noch verständigt werden, das hängt auch von der Dauer des Semesters ab. Um eine ausreichende Darstellung und ein ausreichendes Verständnis des Entwurfs möglich zu machen, wird folgender Leistungsumfang für notwendig erachtet:

1. Lageplan
2. Ideenmodell
3. Grundrisse, Schnitte, Ansichten, Detail
4. Visualisierung
5. Erläuterung
6. Arbeitsmodell
7. Farb- und Materialkonzept für einen Teilbereich

120123401 Individual Essay Training: Consumer Culture and the Making of Urban Spaces – Lessons from History

C. Torp

Seminar

Veranst. SWS:

2

Di, Einzel, 16:00 - 17:00, Einführung / Introduction: Zoom-Meeting , 05.05.2020 - 05.05.2020

Beschreibung

WHAT WE WILL DO

Modern consumer culture originated in cities – just as urban spaces developed in close relation to consumer habits. Beginning in the Early Modern metropolis, but especially over the course of the 19th and early-twentieth centuries, three revolutions of consumer culture have taken place that had a profound impact on the making of urban spaces and on our understanding of modern civilized life: a revolution in the provisioning of collective goods, a revolution in shopping and a revolution in public entertainment. These dimensions and their spatial manifestations provide the central objects of examination in the seminar. Readings and discussions will focus on a number of archetypal spaces: the coffee house, the slaughterhouse and the sewage system, the department store and the shopping mall, the theatre and the cinema. Crucial aspects of modernity such as individual freedom of choice and social rights, rationality and the dreamworlds of consumption, the private and the public, have been negotiated within and through these places. Our understanding of urban life hinges on these legacies of consumer culture.

HOW WE WILL DO IT

Desperate times call for desperate measures.

This seminar will not be a regular one, with meetings and communication. I will not try to recreate digitally what cannot be recreated. As long as we cannot meet in the flesh and exchange our ideas, we should make use of the chances that our solitary confinement at home provides.

The home is the right place to engage with stimulating topics you have never had the chance to look into, reflect on them and develop your own voice by writing short essays on them. In other words: this is the time to read and write.

The good news is that you will not be alone in your intellectual endeavors. The Moodle course provides you with carefully chosen reading material, links to images and film, and questions to guide your writing efforts. But most importantly, I will advise you individually on how to improve your writing skills by correcting your essays and providing detailed commentary. This will be done mostly via email.

Please note that you will have to attend an **introductory online meeting on Tuesday, 5 May, 16.00-17.00**, in which I will explain the contents and the procedures. You will receive an invitation to this meeting by email.

The individual reading and writing will then continue until 4 August. After that there will be no more assignments.

Please register for the Moodle course as soon as possible! The password is: consumer

120123903 Urban Conflicts

D. Zupan

Veranst. SWS: 2

Seminar

Do, wöch., 09:15 - 10:45, 07.05.2020 - 16.07.2020

Beschreibung

This seminar invites students to delve into the socio-political and economic processes and power arrangements that shape contemporary city-making. We will do so by focussing on conflicts around urban (re-)development projects in different European cities (and beyond). Urban conflicts are promising entry points to engage with topical trends and challenges in contemporary cities, such as the crisis of democracy and neoliberal city-making, urban identities or urban heritage. Based on mandatory common readings and student presentations we will explore different theoretical and methodological approaches to study urban conflicts. Doing so we will shed light, amongst other, on the key actors from different scales and domains as they pursue their distinct, often contradictory interests, on the unequal power relations involved as well as on the effects of these power struggles and their (un-)intended outcomes. During the seminar the students will also apply the acquired theoretical-analytical tools for analysing selected urban conflicts. In so doing they can experiment with and test the approaches in research practice. By discussing conflicts from different European and non-European contexts we will seek to identify common trends, similarities and differences in contemporary urban development.

The seminar will be carried out fully online (via moodle): mandatory readings and presentations will be uploaded and discussed in chat rooms; conflict analysis will be carried out individually through online analysis (e.g. public media,

social media platforms, policy documents, skype interviews etc.); individual and group consultations will take place with the help of big blue button; final submission via email.

Leistungsnachweis

Note 3 ECTS

1724415 Urban Sociology (Introduction)

F. Eckardt

Veranst. SWS: 2

Vorlesung

Mo, wöch., 17:00 - 18:30, 04.05.2020 - 06.07.2020

Beschreibung

Life in German cities has undergone substantial changes in the last decade. Not only the East German cities had to address new challenges after the reunification of the German nation in 1990, but also the West German cities had to reformulate their place in the complex urban networks. Cities are mirroring wider changes in German society where new social and political developments can be observed. Economic and cultural globalization has had a major impact on many aspects of urban life. This lecture will give an overview about major developments in German cities since the German reunification in 1990. It will provide both a sound source of information on the most important issues of German society and reflect important discussion of the international debate on urban studies. After delivering a historical overview of German cities, basic concepts of urban sociology will be developed by discussing subjects like gentrification, segregation, migration, life style diversity and others. The lecture provides an insight view into classical theories of urban sociology as deriving from Max Weber, Georg Simmel and the Chicago School.

Richtet sich an: EU, IPP/Urban Heritage, MediaArchitecture; MA Architektur, MA Urbanistik, IUDD

Termine: dienstags, 15.15 bis 16:45 Uhr, 1. Termin 20.04.2020

1764274 Urban Modeling and Simulation - Advanced Methods

R. König

Veranst. SWS: 2

Seminar

Mi, wöch., 11:00 - 12:30, 06.05.2020 - 08.07.2020

Beschreibung

Im Rahmen des Seminars werden die Teilnehmer in weiterführende Techniken zur urbanen Modellierung und Simulation, basierend auf System Dynamics Methoden eingeführt. Wir werden uns mit der Modellierung komplexer räumlicher Systeme auf regionaler und urbaner Ebene befassen. Es werden Analyse zur Nutzung urbaner Strukturen eingeführt (z.B. Fußgängerströme oder ökonomische Potentiale) sowie Modelle für Interaktionen von Flächennutzungen vorgestellt. Mittels System Dynamics Modellen können zeitliche Veränderungen von Stocks and Flows simuliert werden.

Die im Rahmen von Online-Seminaren vermittelten Kenntnisse werden in Konsultationen vertieft und im Rahmen des Planungsprojekts für neue Städte in Äthiopien angewandt. Es wird erwartet, dass die Kursteilnehmer im letzten Semester den Kurs „Computational Urban Modeling and Simulation“ absolviert haben.

engl. Beschreibung

In this seminar, you learn to work with advanced urban modeling and simulation techniques based on system dynamics methods. We deal with the modeling of complex spatial systems on the regional and urban level. In this context computational analysis methods for urban fabric (e.g. for pedestrian movement or economic potentials) and

models for computing interactions between land uses are introduced. By means of system dynamics models we can simulate temporal changes of stocks and flows.

You apply the learned skills in an urban planning project for new towns in Ethiopia. It is expected that the participants have absolved the course "Computational Urban Modeling and Simulation" from the previous semester.

Voraussetzungen

Studiengänge: Master Integrated Urban Development and Design (IUDD), Master European Urban Studies, Master MediaArchitecture

Master´s Colloquium

N.N.

Seminar

Veranst. SWS:

2

Beschreibung

The course is the platform for presentation and discussion of the Masters theses. The candidates will present the intermediate results of their work on their individual topics. Suggestions for further action will be made by fellow students and academics attending the colloquium. Admission for the Master examination is required for participation. Performance record (attestation) will be achieved by giving an oral presentation.

Bemerkung

Please note: Registration for the Colloquium is not necessary. All students accepted for the Master examination have to participate.

Voraussetzungen

Admission for the Master examination is required for participation.