



The Royal Danish Academy of Fine Arts
Schools of Architecture, Design and Conservation

Applications are invited for one PhD fellowship under the theme of Planning Strategies at KADK, the School of Architecture's Institute 3

The PhD project can be directed at either:

A: Strategic urban planning

or

B: Strategies for handling rising water levels in coastal towns

A: STRATEGIC URBAN PLANNING – THEORY / STRATEGY / PROJECT / PLANNING TYPES

Problem area

Over the last 10 years, the concept of 'strategic urban planning' has occupied a central role in planning debate and practice, reflecting the conditions facing urban planning due to globalisation and post-Fordist agendas. Deindustrialisation, new urban economies, new social and cultural structures, new demographic patterns and new climatic circumstances create a new scene for towns and cities. The fact that the majority of urban planning concerns transformation and adaptation of existing urban areas to match the new circumstances calls for new planning forms based on an understanding of towns' and cities' dynamics and on strategic thinking that is capable of handling the uncertainties that are related to the new circumstances and the many different players who are involved in the transformation of towns and cities.

The urban planning discipline has many different experts with a variety of academic backgrounds and approaches. By many of these experts, overall and strategic planning is considered a question of policies, control and governance – liberated from spatial considerations.

With this PhD fellowship, the School of Architecture's Institute 3 wishes to strengthen strategic urban planning that retains the connection to towns' and cities' spatial structures.

Research objective

The issue that is to be explored is how towns' and cities' physical structures and typologies can form part of and be understood and used as components in transformation strategies aimed at adapting towns and cities to new climatic and societal circumstances.

Content

It is expected that within the PhD project, studies of the following will be conducted:

- Selected parts of the available theoretical literature about strategic urban planning and strategic thinking and action, leading to a categorisation of this literature and a mapping of the societal prerequisites, objectives and change processes that are involved.
- Case analyses of selected towns' or cities' strategic planning.

- Assessments, generalisations and recommendations that can be deduced from case analyses and theoretical studies.
- Ideally, a model or other proposal should be drawn up and included in the project.

Affiliation

The PhD project will be affiliated with the Centre for Urban Planning under Institute 3. The project is to support the centre's research plan and Research Plan 2011-14.

B: STRATEGIES AND MODELS FOR HANDLING OF RISING WATER LEVELS IN COASTAL TOWNS

Problem area

Although different hypotheses exist about the extent and the time sequence of rising sea levels, there is consensus that it will happen and that it will be a radical challenge for all coastal towns/cities and coastal landscapes.

It is probable that within a 50-year period sea levels will rise to an extent that will require preventative measures. It is therefore necessary even now to develop models that show how rising sea levels can be countered in different geographic and landscape contexts. The time dimension constitutes a particularly important problem area in this context. On the one hand, it is important to develop models that can be included as prerequisites or be incorporated directly into the projects that are to be realised in the future and which will have a lifespan beyond 50 years. On the other hand, it is important to prepare the effort against rising water levels in such a way that investments and diversions can be organised and realised when they are necessary. It is also important in the process of the phased development of a new relation between sea and town/city or sea and open country constantly to ensure that there are transition zones of both utility and experience-related quality. With this PhD project, the School of Architecture's Institute 3 wishes to contribute to the development of models for handling rising sea levels over time in small and medium-sized coastal towns and open landscapes for which protection is required.

Research objective

The PhD project should address the following questions: Which potentials and which limitations are there in the new bodies of water and wetlands? Which strategy can be applied in the development, and which prioritisations can be applied to transform existing landscape types into new types? The questions should be answered by means of reflective examples created on the basis of a strategic approach and spatial, architectural answers.

Content

It is expected that within the PhD project, studies of the following will be conducted:

- A number of relevant, available studies and models for countering rising sea levels with the purpose of identifying their prerequisites, problem perception, methodology and solution proposals, concluding with a categorisation of approaches and methods.

- 2-4 concrete cases in the form of small/medium-sized coastal towns or open landscapes that require protection. For these cases, it is expected that analyses be made of the complex of problems, and that solution proposals be set out.
- Reflection on the complex of problems and the solution proposals along with any recommendations or a principle model.

Affiliation

The PhD project will be affiliated with the subject area of Landscape under Institute 3. The project is to support Research Plan 2011-14.

About PhD studies and the PhD degree at KADK

At KADK, we work with both artistic research and scientific research within design, architecture and conservation in accordance with the 'Ministerial Order on the Act on Higher Artistic Educational Institutions' (of 18 December 2012, Section 2). The PhD degree is awarded – pursuant to the PhD Order (of 14 January 2008, Section 11) – to a person who has written a dissertation that “*documents the writer's ability to apply the profession's scientific methods and to conduct research corresponding to the international standards for PhD degrees within the subject field*”. In other words, the PhD degree programme is to enable the student to demonstrate that he/she “*masters the scientific methods and tools and masters other skills related to research and development tasks within the subject area*” (quote from ‘The PhD level, the skills dimension, New Danish qualification framework for higher education programmes’ (May 2007)). In connection with the PhD programme, it is possible to conduct research ‘in, through and by design’ and to work with artistic research. However, in relation to the PhD degree, it is an indispensable criterion that the dissertation, which will be at the centre of the assessment – and which motivates, documents and analyses the research – complies with the PhD Order's and the qualification framework's requirements about scholarly character.

Application requirements

No application form is used. Applicants must submit a written application in Danish, Norwegian, Swedish or English.

The application must include a description of the applicant's interest in and qualifications for completing the described PhD project as well as a description of how the applicant intends to organise the research. The application must be forwarded electronically – preferably as one combined PDF file – and must include:

- A project description accounting for the most important problem areas, theoretical orientation, methodology, relation to existing research and choice of materials, and a reflection on the project's perspectives as well as a preliminary study plan (max. five standard pages)
- A CV
- Documentation of educational background, other qualifications and previous work. If the applicant has non-Danish qualifications, these will have to be approved by the Danish Agency for International Education prior to appointment. Practical information is available at:

http://fivu.dk/en/education-and-institutions/recognition-and-transparency/recognition-guide?set_language=en&cl=en

- A list of any publications
- A portfolio, if possible

The applicant must be able to document interest in the outlined research field as well as thorough and relevant knowledge about towns' and cities' spatial structures by virtue of his/her education and former activities.

Applications must be forwarded to Ditte Dahl, ditte.dahl@kadk.dk, Research Administration, The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation **by 2 September 2013 at 12:00 noon.**

Terms of employment

Enrolment will take place with a view to acquiring the PhD degree and entails salaried employment for three years in accordance with the agreement made between the Danish Ministry of Finance and The Danish Confederation of Professional Associations, AC, entry on PhD fellowships (Appendix 5). The salary consists of a seniority-based basic salary and a non-pensionable supplement, which currently amounts to DKK 1,257.83 per month.

The PhD degree programme is structured in accordance with the stipulations in Ministerial Order no. 114 of 8 March 2002 from the Danish Ministry of Science, Technology and Innovation about the PhD programme and the PhD degree. The Order may be found here (in Danish only):

<http://www.karch.dk/dk/Materiale/Forskningsforvaltningen/Pdf/Phd-filer/Phd-bekendtg%C3%B8relsen> or it can be obtained from KADK's Research Administration.

For further information, please contact Ditte Dahl by email at ditte.dahl@kadk.dk or by tel. +45 41 70 15 32.

Anyone who satisfies the requirement about an academic education at Master's level, or who can document similar qualifications, is invited to apply for the fellowship, regardless of their age, gender, race, religion or ethnicity.

The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation is an institution of higher education under the Danish Ministry of Science, Innovation and Higher Education. It is the school's mission to create the basis for high quality in people's physical surroundings through its educational programmes and research into architecture, design and conservation.