



**Rotterdamse
Academie
van
Bouwkunst**

Studio 2.8: Shanghai Chongming International Research Studio

Theme: Urban design / Sustainable Urban Strategies
Object: Chongming - Shanghai

Year: 2009-2010 / 2nd Semester
Friday: 13u45-18u45
Sessions: February 12th, 19th and 26th, March 5th, 12th, 13th, 19th and 26th, April 9th, 16th and 23rd, May 7th*, 21th and 28th, and June 4th, 11th and 18th,
Final Review: week 25/2010
Study Load: 9 EC (252 hours, 70 of which during the Friday sessions)
A/S points: 4,5A/4,5S
Complexity: High
Remarks: Language: English
This studio incorporates a study trip to Shanghai – Chongming FEB 26th 2010 until MAR 7th.

Tutors: Dirk Peters & Mark Veldman (OMA)

Content

Chongming is a large fluvial island north of Shanghai with a predominately agricultural land-use. The rapidly expanding metropolis of Shanghai and new infrastructural connections have brought an undeniable pressure on the island to become the next target of Shanghai's expansion thrust.

The studio aims to work as a research-lab that explores different development strategies for the island Chongming while being aware of the bigger questions of the (Chinese) urbanization pressure on the rural landscape, the transformation of production landscapes and the contemporary discussion on ecological urbanism. The students will be challenged to design a sustainable development strategy for the section Bezan-Shuxin on Chongming island based on either an Leisure-tourism model, an agricultural/production model or an urbanization model. Parallel to this design task every student will have to explore a clearly defined research topic related to the chosen development strategies.

The studio is a joint collaboration between AVBR and IHS in collaboration with INTI and Studio TEKTAO Shanghai. Students from the Rotterdam Academy, disciplined in architecture and urban design, will collaborate with students of IHS trained in urban management. Starting from their own discipline students will have to develop the strategy together, while striving to make maximum use of each others' expertise.

Planning and content per week or phase

week 3,4,5	possibly alternative LAB
week 5	design studio market (Friday February 5th)
week 6,7,8,10,11	research project
week 9	study trip Shanghai – Chongming (Feb 26 th – Mar 7 th)
week 12,14,15,16,20	design phase
week 21,22,23,24	design elaboration
week 25	final presentation

The preparation of the design studio and the study trip will take place during week 3, 4 and 5 and will be supervised by Dirk Peters and Mark Veldman. The study trip to Shanghai – Chong Ming will take place during week 9 / 2010.

Assessment Criteria

The project will be assessed on the basis of the learning goals and the final qualifications which are addressed in the studio.

Learning Goals

- being able to think in terms of strategies and being able to formulate a strategy for a specific location, time set and focused on a specific theme;
- being able to work together with different experts of different fields and being able to integrate one's own profession related knowledge and skills into the cooperative workflow;
- being able to use one's own specific field of knowledge and skills as input and reflection on a collaborative project involving other professions.
- developing a personal specification of the very broad term 'sustainability'.

Final qualifications of the education of an architect which are addressed in this studio

MArch	1	2	3	4	5	6	7	8	9a	9b	9c	9d	9e	9f	9g	9h	9i	9j	10	11
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5. Formulates soundly based professional judgments that take into account the societal and ethical responsibilities that are connected with applying his or her own knowledge.
6. Works and studies independently, reflects on his or her own behavior and innovates on those fields.
7. Makes use of spatial design as a research tool using research methods that are relevant for the professional design practice.
8. Makes use of relevant methods of research during the process of producing architectural projects and integrates the results of this research in (innovative) architectural concepts and designs.
- 9a. Makes use of appropriate knowledge of societal processes, developments and trends when producing architectural concepts, designs and projects and accounts for the use of this knowledge.
- 9f. Makes use of appropriate knowledge of urban design and town planning, and the methods and techniques that are used in those fields, when producing architectural concepts, designs and projects and accounts for the use of this knowledge.
10. Communicates effectively with others about a design using images, written and spoken words and reflects critically on these forms of communication and on the results of it.

Final qualifications of the education of an urbanist which are addressed in this studio

MUrb	1	2	3	4	5	6	7	8	9	10a	10b	10c	10d	10e	10f	10g	10h	10i	10j	11	12	13
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1. Develops relevant (innovative) urban design concepts and / or designs on different levels of scale, which meets societal, esthetical, technical, financial and legal requirements;
2. Collaborates effectively in a multidisciplinary (international) context with representatives of the other parties involved in the process of designing- and implementation and is able to influence the collaboration from his or her own expertise;
3. Interprets and assesses societal (social, economical, cultural and political) and spatial processes, developments and trends and translates these in urban design (spatial-programmatic) concepts, visions, strategies and / or designs;
4. Initiates, develops, analyses, interprets and/or judges a problem or task independently and is able to translate it from there in an urban design assignment;
6. Formulates soundly based professional judgements that take into account the societal and ethical responsibilities that are connected with applying his or her own knowledge;
7. Works and studies independently, reflects on his or her own behaviour and innovates on those fields;
8. Makes use of spatial design as a research tool using research methods that are relevant for the professional design practice;
9. Makes use of relevant methods of analysis and research when producing urban design project and integrates the results into (innovative) solutions as urban design concept and design;
- 10a. Makes use of appropriate knowledge of the history and theory of urban design and other related professions involved in town planning when developing urban design concepts, visions, strategies and / or designs and accounts for use of this knowledge;
- 10d. Makes use of appropriate knowledge of the humanities, economy, social and historical geography and ecology when developing urban design concepts, visions, strategies and /or designs and accounts for the use of this knowledge;