

COST Actions TU1201



Summer School 2014

Urban Allotment Gardens in European Cities

1-4 July, University of Salzburg, Austria, WG Urban and Landscape Ecology

COST Action Urban Allotment Gardens in European Cities

Documentation of Salzburg Summer School

Salzburg, 1-4/07/2014

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The partners of Summer School Salzburg

SURE Society for urban ecology

University of Salzburg

Cost Action TU 1201

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Scientific Report Salzburg Summer School

Salzburg Summer School “Urban Allotment Gardens in European Cities” was arranged for PhD students and other early stage researches participating. The School was arranged in cooperation with the Society for Urban Ecology (SURE) and the University of Salzburg.

The focus was on four research areas: planning and policy, sociology, ecology, and urban design, including all relevant aspects of allotment gardens development in Europe.

Many other issues were discussed in the individual papers and workshops.

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Tutors

Tutors and organizers

Jürgen Breuste, University of Salzburg, Austria, Urban and landscape ecology

Annette Voigt, University of Salzburg, Austria, Urban and landscape ecology

Tutors

1. Chiara Certomà, University of Ghent, Belgium, Governance and planning for sustainable cities and communities

2. Nazila Keshavarz, Research Institute for Regional and Urban Development gGmbH, Germany, Landscape Architecture

3. Johan Bastard, Norwegian University College for Agriculture and Rural development, Norway, Sociology

4. Cristian Ioja, University of Bucharest, Romania, Geography

5. Andrzej Mizgajski, Adam Mickiewicz University Poznan, Poland, Geography

6. Burghard C. Meyer, University Leipzig, Germany, Geography

7. Russel Good, Birmingham City University, United Kingdom, Landscape Architecture

8. Dagmar Haase, Humboldt University of Berlin, Germany, Landscape Ecology and Urban Ecology

9. Maik Netzband, Ruhr-University Bochum, Institute of Geography, Germany, Geoinformatics

Participants

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University of the West of Scotland, U.K, Scotland
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Graduate School of Frontier Sciences, University of Tokyo, Japan
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Universities: Poitiers, East Anglia, Coimbra, Greece

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National Technical University of Athens, Greece
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22. Haas Jan
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Paris Lodron University of Salzburg, Austria
25. Tsiotsiou Vasiliki Evag
University of Patras, Greece
26. Helmreich Katharina, Austria

Program of Summer School

1st - 4th of July 2014

Tuesday 01 July 2014

09:00-09:30 Welcome and Introduction to University of Salzburg, research group Urban and Landscape Ecology from J. Breuste and A. Voigt
09:30-10:00 Introduction to the Summer School
10:00-10:40 Introduction of the International Tutors
10:40-11:00 Break
11:00-12:00 Introduction of Course Participants;
12:00-12:30 "Urban Allotment Gardening - a European Approach and a Salzburg Experience" (J. Breuste)
12:30-13:00 "An overview on Urban Gardening in Austria" (A. Voigt)
13:00-14:00 Lunch

Excursion Allotment Gardens of Salzburg
14:00-15:30 Allotment Garden Estate Thumegg
16:00-16:45 ÖBB gardens
17:00-18:00 Community Garden Schallmoos West

18:15 Dinner (Müllner Bräu)

Wednesday 02 July 2014

Module 1: Planning and policy

09:00-09:45 Introduction (definition of AG and matrix of policies)
09:45-10:30 Participants presentation
10:30-11:00 Conclusion and discussion
11:00-11:20 Break
11:20-11:50 Introduction to urban gardening as informal planning
11:50-12:40 Presentation and discussion of cases provided by participants
12:40-13:00 Introduction of action research for urban gardening and conclusions
13:00-14:00 Lunch

Module 2: Social aspects

14:00-14:50 Lecturing on Trailing research, concepts and practical experience (discursive lecture)
14:50-15:30 working in groups with given tasks
15:30-15:40 Break
15:40-16:00 Plenary, present examples of groups works and discussion
16:00-16:20 Short introduction regarding the allotment gardens evolution
16:20-18:00 Team work activity

City walk

Thursday 03 July 2014

Module 3: Ecological aspects

09:00-09:20 Introduction
09:20-10:50 Thematic presentations provided by participants
10:50-11:10 Break
11:10-12:30 Critical consideration over the topics
12:30-13:00 Conclusion and summary
13:00-14:00 Lunch

Module 4: Design dimensions

14:00-14:10 Introduction to the workshop urban design dimensions
14:10-15:30 Student presentations
15:30-15:40 Break
15:40 -17:40 Investigations into macro and micro scale designed ecologies
17:40-18:00 Presentation and feedback

19:30 Festung Hohensalzburg

Friday 04. July 2014

Module 5: Remote sensing & GIS

09:00-10:00 Introduction
10:00-11:15 Group presentations
11:15-11:30 Break
11:30-12:00 Conclusion of case studies and final discussion

Evaluation and Farewell

12:00-12:15 Evaluation of the course by the participants (by group representatives) information has to be given to the students
12:15-12:30 Evaluation of the course by the tutors
12:30-12:45 Delivering of course certificates top the participants (J. Breuste, A. Voigt)
12:45-13:00 Course summarization and farewell

Documentation of Salzburg Summer School

Tuesday 01.07.2014

Tutors: J. Breuste und A. Voigt

Introduction (9:00-13:00):

Welcome speech was made by Prof. J. Breuste and Dr. A. Voigt, and introductions of Paris-Lodron University Salzburg and research group members of "Urban and Landscape Ecology" were made;

Introduction of the Summer School schedules with detail documents, maps and notices handing out;

Introduction of the tutors according to the order of name list;

Presentation of "Urban Allotment Gardening - a european approach and a Salzburg experience" given by Prof. J. Breuste.

- introduction of general allotment garden history
- theory developing processes
- reporting the cases of allotment gardens in Beijing, China in recent field works;

Within the foundation organizations of this summer school, information about COST and SURE are introduced, and students and researchers are recommended to join in;

Presentation of "An overview on Urban Gardening in Austria" was given by Dr. A. Voigt. With the beginning of "Website introduction of Austria, Salzburg and Vienna", general information of allotment gardens of Austria was given, especially in organization and policy aspects. The allotment garden situations and developments in Salzburg and Vienna were focused introduced separately and compared with each other.



Site visit, allotment gardens in Salzburg (14:00-18:00):

Allotment Garden Estate Thumegg

With the full introduction from Mr. Johann Petschnig, who has been president of the Thumegg Allotment Garden Association since last year, participants are more familiar with this oldest allotment garden in Salzburg, which were 2,71 hectare area and founded in 1940. Rights and obligations of Thumegg members were also introduced as well as site specifics and building regulations. Questions were answered about the regulation implements, money cost and security problems.



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ÖBB Allotment Gardens

The ÖBB Allotment Garden is unique in its land use history with ÖBB Company. With association of ÖBB-Agriculture founded for active and retired employees of the Austrian Federal Railways and their family members, the land near main station were gathered, and the gardens were built up. Through the provision of bases for small horticultural and agricultural use, the

Austrian Federal Railways also achieve economic benefits themselves. The necessary care of many areas along the railway is concerned by the members of the Federal Railroad agriculture.

The excursion was made by ÖBB employee and allotment garden owner.



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Community Garden Schallmoos West

Schallmoos West is an approximately 400 m² communal garden, which located in the north of Salzburg and founded in 2013. As one of the founders, Mrs. Barbara Sieberth introduced the foundation processes of the garden, the questionnaire results of dwellers, money foundation and collection, active people involved, land use planning and other regulation policy drafting. Also questions were answered about the outside helps (Government, NGO, etc), garden plants implements and future expecting.



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Wednesday 02.07.2014

Module 1 Planning and policy (9:00-13:00):

Presentation from Nazila Keshavarz

When considering the planning and policy in allotment gardens, discussions were always concerned with different roles played by government owner, organization and NGO. In this presentation, the roles were introduced and compared, especially in how to make optimize choice within the roles of outside elements. Also cooperate and systemic effects were discussed and policy making were suggested on following topics:

- policies and planning systems in many European countries
- suggestion for those countries that do not have any policy system for allotments yet

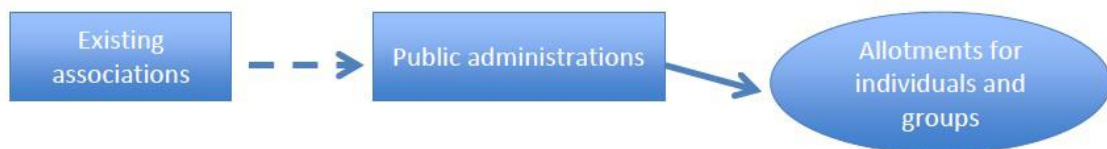
- planning concepts, local definition and history
- policy systems at local to regional and national levels
- definition in each locality and a brief history
- recognizing how land use are treated under different administrative legislations

Presentation from Chiara Certomà

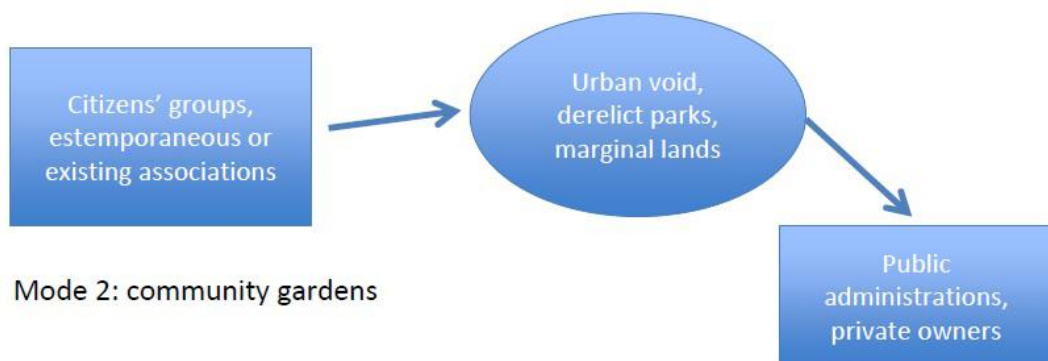
Different forms of urban gardening were introduced with focus on policy-related claims. Re-appropriating public space and Informal planning were also given. Modules were discussed in “Government owner the land and for the diversity of poor people, and the NGO and community gardens helps in product tools and time consuming”.

Oral presentation were given by participates based on literatures and field work experiences, which students were given as assignments before. Discussions were focused on following topics:

- different planning and policy effects to different countries and areas worldwide
- urban gardening
- action research
- socio-politics and planning
- informal planning
- re-appropriating public space



Mode 1: allotments



Mode 2: community gardens



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Module 2 Sociology (14:00-18:00):

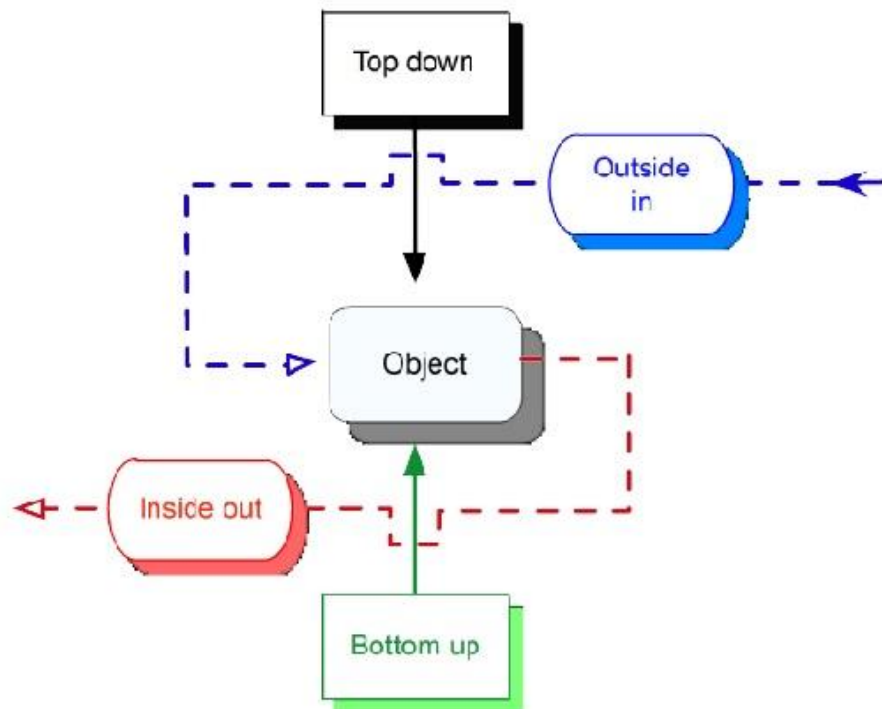
Presentation from Johan Bastard

The Introduction of Trailing research and its application into the allotment garden implementations were given in sociology aspects. Trailing Research (TR) (also called Formative Dialogue Research and Following Research) or Trailing Evaluation (TE) is an attempt to capture this totality and operation into a comprehensive system for practical use. With the considering works and theories picking up from Trailing Research, the bottom-up thoughts and process-tracing methods were concerned during the presentation. Group discussions were held in the challenges and strategic actions for the low income and minority cultural backgrounds and about following topics:

- Participatory action research
- The interplay between objective, activity and context generates research questions
- Trailing Research (TR) or Trailing Evaluation (TE)

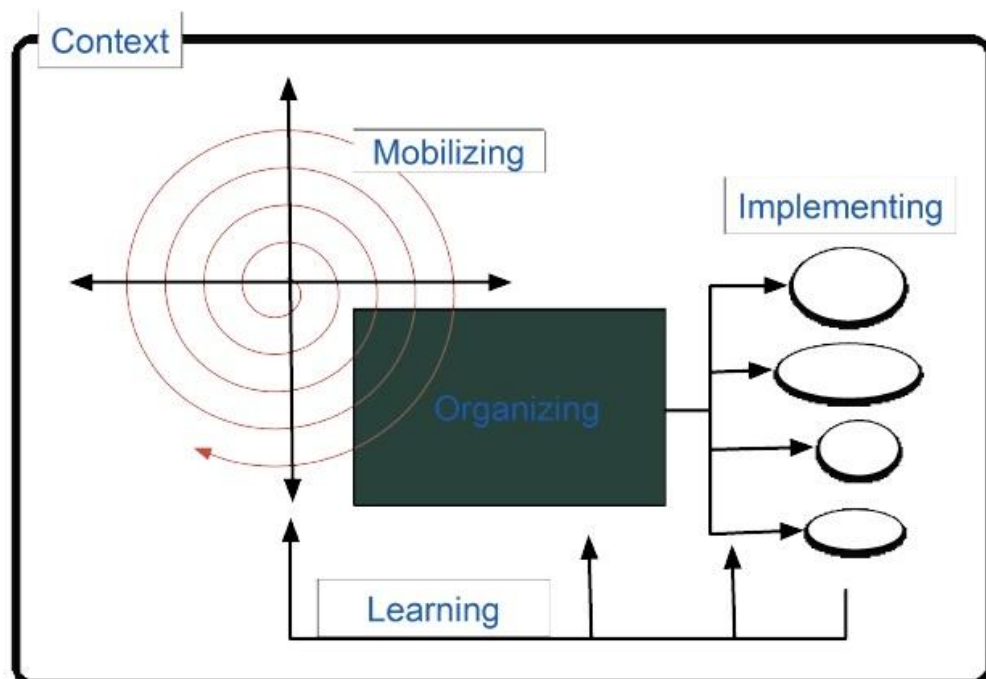
Group discussions were focused on how does participation work and how to improve participation.

GOVERNANCE



Communicative Model

(Amdam and Amdam 2000)



Presentation from Cristian Ioja

In the presentation, the social aspects were concerned in the developing processes of allotment gardens, for people are more concerned on the recreation and nature experience functions directly from what they got in the outside environment.

- different concerns with the past allotment garden experiences and social science



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Thursday 03.07.2014

Module 3: Ecology 9:00-13:00:

Presentation from Andrzej Mizgajski and Burghard C. Meyer

Nature, as a comprehensive system, was discussed here in the combined presentation of the two professors. Nature functions and ecosystem services were focused on and discussed with posters generated by the head storms of different groups. With the considering of nature, garden usage, e.g. allotment garden, community garden and public parks, a bold and disputable statement was given in the end – a very simple and practical of how to value an allotment garden would be: “The value of an allotment garden can be summarized by the rent the lessee currently pays.”

From this top-down approach, one could look at the elements of a garden and split the rent proportionally to all present garden features.

- Ecological behavior and best practice examples of AGs users
- AGs peculiarity among others elements of urban green infrastructure
- AGs environmental functions in the urban structure
- Soil, water and plants contamination in AGs
- AGs as ecosystem services providers
- The ecological role of AGs in relation to geographical conditions



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Module 4 Urban design 14:00-18:00:

Presentation from Russel Good and discussion with participants from Dagmar Haase:

The presentation about ecosystems service values and sustainable design interventions was given. The topic concerns about water storage on site and rainwater harvesting (enrich the biodiversity of a site and provide a supply of water on site for primary irrigation) were discussed. The investigations of methods in which rainwater can be used as a resource on site and provide an

exemplar for mitigation of impacts of Climate Change were also discussed. An urban design experience was held out with paper dislocated into different groups, with paper literatures and data given in rainwater and population number, water usage and ecology theory were implemented in urban design sciences.

Following topics were discussed:

- design and management of urban allotment gardens
- ways of using sustainable design techniques
- water drainage and usage



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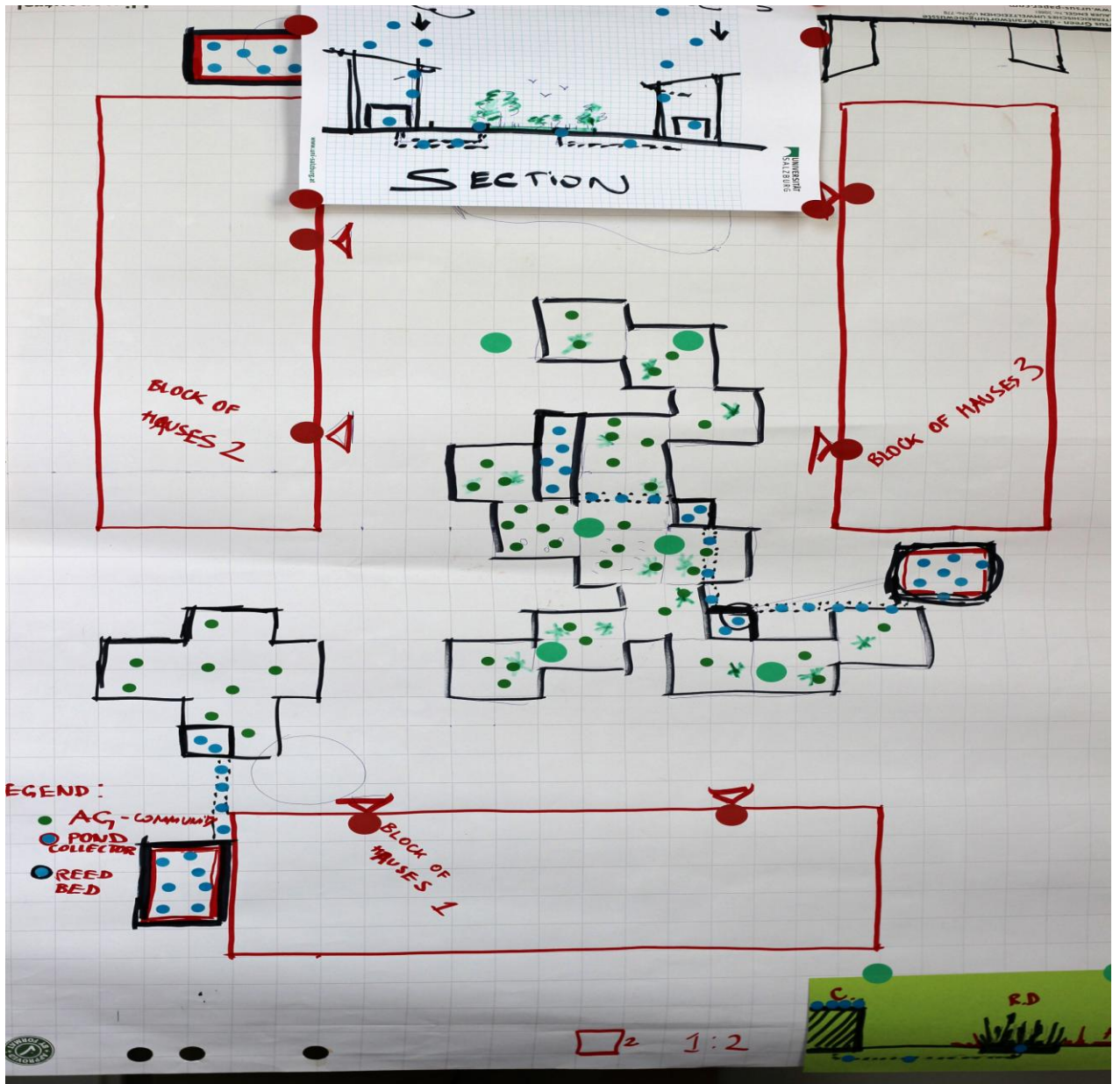
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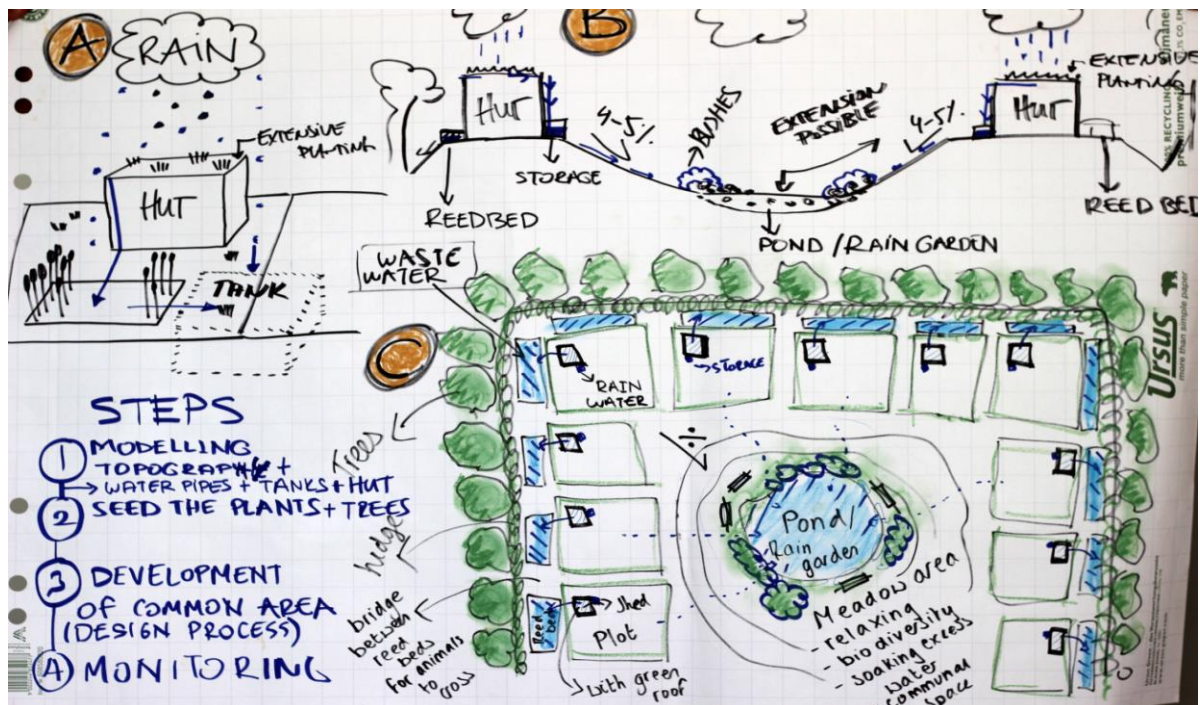


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Friday 04.07.2014

Module 5 GIS Science (9:00-12:00):

Presentation from Maik Netzband

The presentation of Geo-information methods for the evaluation of spatial distribution of urban green areas and allotments were given. Theoretical background and scale-dependent analysis of a city and its surroundings are introduced to give more detail technological information and methods. Land-use, land-cover and the interaction of those two are focused, and also allotment garden cases were given within past research experiences. Within the presentations of different groups, the normal implemented methods of GIS to allotment garden are recommended with full

example studies of worldwide. Expert suggestions, general information, useful websites, tools were recommended during the group discussion about following topics:

- concept for the analysis and an evaluation of the nature space potential for the peri urban
- remote sensing and GIS methods
- deciding on the surveyed areas and the level of coverage;
- development of a land use classification;
- development of a habitat classification;
- development of the field survey.
- survey areas and level of coverage



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Ending and farewell (12:00-13:00):

Evaluations of course by participants:

The summer school of this time is commonly enjoyed by all the participants. In all, participants are satisfied about summer school they attended in Salzburg, and wish to show up next time when there is a chance.

Evaluation of the courses by tutors

Tutors were also surveyed about the recommendations in the ending. With different aspects, they also gave very good suggestion in the summer school organization, for instance how the knowledge and headlights can be shared in the Internet for further cooperation and interactions between different majors and academic backgrounds.

In the final, all the participants were awarded course certificates from Prof. J. Breuste and Dr. A. Voigt. Pictures were taken to remember the summer school attendance in the four wonderful days of Salzburg, and participants farewell to each other with contact information leaving.

SURE opened a new Working Group “Urban Gardening” and students and researchers are recommended to join in to develop further activities in this field together in a world wide scale.

The Society for Urban Ecology (SURE) exists to foster and develop knowledge and implementation of urban ecology worldwide by strengthening contacts and enriching the dialogue between researchers and practitioners. More information is provided on the SURE website: <http://www.society-urban-ecology.org/>

In the separate file presentations of the tutors are attached. The presentations are allowed for publishing.



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