



International Conference

Managing the Urban Rural Interface

19-22 October, 2010

Frederiksberg Campus, University of Copenhagen

Programme



PROGRAMME OVERVIEW

Monday		Tuesday	Wednesday	Thursday	Friday
09:00		Registration opens	S4-S8 Parallel sessions	S20 Key-note session	S32 Final session
10:30		S1 Opening session	Coffee	Coffee	10:30
12:30		Lunch	Lunch	Lunch	Field trip Urban-rural land- scapes in the Copen- hagen region
15:00		S2 Key-note session	S14 Demonstration and poster session	S26-S30 Parallel sessions	Drop off in CPH airport at 16:00
Evening		Coffee	Coffee	Coffee	
18:00 Ice breaker reception		S3 Key-note session	S15-S19 Parallel sessions	S31 Key-note session	
18:00 Reception, City Hall, City of Copenhagen		18:00 Reception, City Hall, City of Copenhagen	19:00 Conference dinner at Moltkes Palæ	Session ends at 17:30 Evening is free	

Parallel session topics	Session numbers
Urban-rural regions in a globalised world: driving forces on land use change	S4; S9
Scenarios: futures for rural-urban regions	S23
Land-use relationships and the structure of the rural-urban system: European and regional models	S5; S10; S21
Rural-urban land use dynamics: impacts on resource demands and utilisation	S22; S27
Quality of life and ecosystem services in rural-urban regions	S11; S15; S28
Growth management, governance systems, locally adapted strategies	S8; S13; S19; S25; S30
Sustainable multifunctional landscapes in peri-urban areas	S7; S12
Economic evaluation of policies affecting land use in rural-urban regions	S18
Instruments and tools for Sustainability Impact Assessment	S6; S26
Sustainable Urban Development in Emerging Economies	S17
Urban Forestry and Urban Greening in developing countries	S24; S29
Remote sensing and GIS for sustainable urban development science	S16

Registration: www.plurel.net/conference

Managing the Urban Rural Interface

Strategies and Tools for Urban Development and Sustainable Peri-Urban Land Use Relationships (PLUREL)

The conference is the final scientific event of the PLUREL project: PERI-URBAN LAND USE RELATIONSHIPS – STRATEGIES AND SUSTAINABILITY ASSESSMENT TOOLS FOR URBAN-RURAL LINKAGES, an Integrated Project under EU's 6th Framework Programme for Research, Technology and Development (EC FP6 036921).

Urbanisation and changing urban-rural linkages are arguably the most significant process of land use change in Europe. Over 70 % of Europe's population is now living in urban areas, and these in turn have grown by almost 80% over the last fifty years. The increase in urbanisation fosters a spread of built-up areas and extension of transport networks. In the near-urban landscape the establishment of recreational facilities such as theme parks and golf courses and the conversion of farmsteads into residences and hobby farms are also very visible markers of the urbanisation trend.

The changing nature of the relationship between rural and urban land uses has deep consequences both for human quality of life and for the environment. To understand the processes that drive these changes, we need to improve our knowledge and create better tools to assess the future social, environmental and economic impacts of these changes. Only then can we identify effective strategies for the planning of sustainable land use systems.

The conference aims to present the main results of the PLUREL project as well as the status of scientific approaches to assess the peri-urban land-use relationships and associated effects on sustainability as it has developed in related projects and research environments. The conference will provide professionals, e.g. urban and

regional planners, as well as politicians and NGOs with the latest strategies and tools for managing urban rural relationships towards a sustainable future.

The conference is organized by the PLUREL project in collaboration with the ASEM 4th Symposium on Urban Forestry, Landscape Tomorrow, Danish Association of Landscape Ecologists & International Union of Forest Research Organizations.

Programme structure

The conference programme is structured by key-note sessions and parallel sessions.

All sessions will be held at Frederiksberg Campus, Thorvaldsensvej 40; 1871 Frederiksberg C.

The key-note presentations represent perspectives on the challenge of sustainable peri-urban development from PLURELs case study regions and European organizations; as well as perspectives towards the state of research into sustainable peri-urban land use relationships from European and International scholars in the field.

The parallel sessions are structured by 12 topics which are derived from PLURELs methodology and represent the multidisciplinary, multiscale character of peri-urban land use relationships and sustainability assessment. Thus scenario, and modelling approaches at different scales are topics of the conference together with governance systems, quality of life, economic assessment, multi-functionality, and finally instruments and tools. The session topics are listed on page 3 with reference to their programme location/session numbers.

Registration: www.plurel.net/conference

KEY NOTE SESSIONS

MONDAY, OCTOBER 18TH

18:00 Registration

Ice breaker reception at the Danish Centre for Forest, Landscape and Planning, Rolighedsvej 23, 1958 Frederiksberg C

TUESDAY, OCTOBER 19TH

09:00 Registration

S1 OPENING SESSION

Room: A2-81.01

Chair: Kjell Nilsson

Rapporteur: Thomas S. Nielsen


10:30 Welcome to the University of Copenhagen, Faculty of Life Sciences

Dr. Erik Bisgaard Madsen, Dean for Research at the Faculty of Life Sciences, University of Copenhagen, DK


10:40 Welcome to the city of Copenhagen – the first CO2 neutral capital in the world

Mr. Mikkel Aarø-Hansen, City of Copenhagen, DK


11:00 General introduction to the Integrated Project PLUREL

 Dr. Kjell Nilsson, University of Copenhagen, Coordinator of PLUREL, funded by the EU 6th Framework Programme, EU/DK


11:10 Regional Spatial Policy with a Green Pillar in The Hague Region

 The Hague Region – PLUREL case study and member of the PURPLE network
Mr. Marcel Houtzager, Regional Portfolio Holder on Green Policy, Recreation and Tourism, The Hague Region, NL


11:30 Integrated approaches for a metropolitan area under hard pressure

 Warsaw Region – PLUREL case study and member of the PURPLE network
Mr. Tomasz Slawinski, Head of office for regional planning, Mazovian Province, PL

11:50 Urban forestry and nature protection for sustainable urban growth

 Hangzhou – PLUREL case study region
Youjun He, Associate Professor, Chinese Academy of Forestry, CN

12:10 A new generation of partnerships as drivers for regional development

 Greater Manchester – PLUREL case study region
Mrs. Pamela Warhurst, CBE, Chair of the Board of Forestry Commissioners, UK

12:30 Lunch break incl. photographing


S2 1ST KEY-NOTE SESSION

Room: A2-81.01

Chair: Dagmar Haase

Rapporteur: Annette Piorr

13:40 Strategies and tools for urban development and sustainable peri-urban land use relationships (PLUREL)

 Dr. Kjell Nilsson; Dr. Thomas S. Nielsen, respectively Deputy Director and Senior Researcher at the Danish Centre for Forest, Landscape and Planning, University of Copenhagen and Coordinator and Project Manager of the PLUREL Integrated Project, DK

14:30 Bridging the gap between research and policy making in peri-urban regions

Hilary Lowson, Secretary, Peri-Urban Regions Platform in Europe (PURPLE), EU

15:00 Coffee break

S3 2ND KEY-NOTE SESSION

Room: A2-81.01

Chair: Carmen Aalbers

Rapporteur: Thomas S. Nielsen

15:30 FP 7 Project SUME, Sustainable Urban Metabolism for Europe

Dipl.-Ing. Christof Schremmer, Project Co-ordinator of SUME, funded by EU 7th Framework Programme, Austrian Institute for Regional Studies and Spatial Planning, AT

16:00 The challenges of sustainable urban development in Europe and its consequences for rural-urban relationships

Mrs. Birgit Georgi, Project Manager – Urban issues, European Environment Agency, EU/DK

16:30 Urbanity, rurality, governance and resilience

Professor Bob Evans, Northumbria University, UK

17:00 End of session – Bus transfer to City Hall

18:00 Reception at Copenhagen City Hall hosted by the Mayor of Copenhagen



WEDNESDAY, OCTOBER 20TH

09:00 PARALLEL SESSIONS S4-S8

10:30 Coffee break

11:00 PARALLEL SESSIONS S9-S13

12:30 Lunch

13:30 POSTER SESSION S14

Incl. demonstration of PLUREL Xplorer and iIAT

15:00 Coffee break

15:30 PARALLEL SESSIONS S15-S19

17:30 End of session

19:00 Conference Dinner in Moltke's Palace

THURSDAY, OCTOBER 21ST

S20 3RD KEY-NOTE SESSION

Room: A2-81.01

Chair: Armin Werner

Rapporteur: Carmen Aalbers

09:00 Urban futures and rural urban relationships

Architect Jacob van Rijs, Co-founder of MVRDV, Rotterdam, NL

09:45 The Development Trend of the Rural-Urban Fringe and its Response Pattern of Planning in China

Binyi Liu, Professor, Chairman of Landscape Studies Department, Director of Landscape Science Research Institute, Tongji University, CN

10:30 Coffee break

11:00 PARALLEL SESSIONS S21-S25

12:30 Lunch

13:30 PARALLEL SESSIONS S26-S30

15:00 Coffee break

S31 4TH KEY-NOTE SESSION

Room: A2-81.01

Chair: Stephan Pauleit

Rapporteur: Dagmar Haase

15:30 Increased coordination of urban sustainability research in Europe

June Graham, Project Coordinator of URBAN ERANET, Scotland & Northern Ireland Forum for Environmental Research, UK

15:55 URBAN MATRIX: Knowledge transfer among European cities in addressing Sustainable Urban Development

Ms. Jorgina Cuxiart Cardus, EUROCITIES, Co-ordinator of URBAN MATRIX funded by EU 6th Framework Programme & Professor Rob Atkinson, University of the West of England, Academic partner of URBAN MATRIX

16:20 The Copenhagen 1948 Finger Plan – a comprehensive plan for urban growth, infrastructure and open space

Assoc. Professor Henrik Vejre, University of Copenhagen, DK

17:30 Policy session for registered participants

The evening is free

FRIDAY, OCTOBER 22ND

S32 FINAL SESSION

Room: A2-81.01

Chair: Simon Bell

Rapporteur: Thomas Sick Nielsen

09:00 Presentation of Conference Conclusions by the Rapporteurs

Round table discussion

10:30 Field trip

Lead by Professor Jørgen Primdahl, Danish Centre for Forest, Landscape and Planning, University of Copenhagen

Busses will leave from the parking area at Thorvaldsensvej 40

16:00 Drop off at CPH Airport

KEY NOTE SESSIONS





PARALLEL SESSIONS

WEDNESDAY, OCTOBER 20TH

09:00 PARALLEL SESSIONS S4-S8


S4 Urban-rural regions in a globalised world – driving forces on land use change


Room: A2-70.04

Chair: Vegard Skirbekk

Rapporteurs: Baptiste Boitier; Konstantinos Lalenis

- Diverging European cities – The drivers of urban population development 1990-2008
PLUREL  Dagmar Haase; Nadja Kabisch
Helmholtz Centre for Environmental Research – UFZ
Department Computational Landscape Ecology, DE

- Spatial Planning Systems in E.U. and North America: still members of an extended family?
PLUREL  Konstantinos Lalenis; Dimitrios Kalergis
University of Thessaly, GR

- Possible European futures: 4 scenarios elaborated based on population; energy price; world economic activity; R&D investments; and carbon price drivers
PLUREL  Baptiste Boitier; Pierre Le Mouel; Paul Zagame
Laboratoire ERASME – Ecole Centrale Paris & Université de Paris 1, FR

- The Effects of Capital on Land Use in Rural Areas through the Process of Globalization in Turkey – Bursa Cargill Case
İbrahim Akgül; Dr. Ayşegül Altınörs Çırak; Instructor Dr. Levent Ünverdi; Dr. Neriman Yörür
Dokuz Eylül University, TR


- Counteracting sprawl and land consumption in the urban-rural interface of the European agglomerations Milan and Cologne/Bonn: framework conditions and planning approaches
Sophie Schetke; Paolo Pileri; Theo Kötter; Luca Tomasini
University of Bonn; Politecnico di Milano, DE, IT


S5 Land-use relationships and the structure of the rural-urban system: European and regional models

Room: A2-70.02

Chair: Dagmar Haase

Rapporteurs: Hedwig van Delden; Nina Schwarz

- Urban Compactness: Measures, drivers and barriers: a land use modelling perspective
PLUREL  Sarah Mubareka; Carlo Lavallo; Christine Estreguil
European Commission – Joint Research Centre, EU/IT

- Agent-Based Models for simulating peri-urban Land Use Relationships: A Proof-of-Concept Study
PLUREL  Dave Murray-Rust; Verena Rieser; Mark Rounsevell
University of Edinburgh, UK

- Choosing agent types for a spatial decision support system for Auckland city
Hedwig van Delden; Garry McDonald; Jasper van Vliet
Research Institute for Knowledge Systems, NL

S6 Instruments and tools for Sustainability Impact Assessment


Room: A2-70.03

Chair: Armin Werner

Rapporteurs: Katarina Fricke; Jan Peters-Anders

- The PLUREL Xplorer – Developing an information platform for rural-urban land use relationships
PLUREL  Katharina Fricke, Katharina Helming, J.-Martin Hecker, Jan Peters-Anders, Wolfgang Loibl
ZALF – Leibniz-Centre for Agricultural Landscape Research, DE; Austrian Institute of Technology, DE, AT

- PLUREL iIAT: A new tool for user specific analysis of sustainability impacts of urbanisation at various scales
PLUREL  Armin Werner; Dirk Pohle; Dagmar Haase; Nina Schwarz; Ingo Zasada; Regine Berges; Annette Pierr
Leibniz-Centre for Agricultural Landscape Research (ZALF); Helmholtz Centre for Environmental Research – UFZ, DE

- Quality of Life Simulator – predicting residents responses to changing land use conditions
PLUREL  Affonso Zuin; Simon Bell
Edinburgh College of Art, UK

- Will the Strategic Environmental Assessment (SEA) Get an Effective Control of the Rural Development Programme (RDP) Effects on Rural Space Quality? Agata Spaziante; Chiara Murano
Dipartimento Interateneo Territorio, Politecnico e Università degli Studi di Torino, IT

S7

Sustainable multifunctional landscapes in peri-urban areas

Room: A2-70.01

Chair: Henrik Vejre

Rapporteurs: Ole Hjort Caspersen; Darryl Low Choy

- Multifunctional Perspectives of Peri-urban Agriculture – The Example of Horse-keeping Farms in the Berlin Metropolitan Region
Ingo Zasada; Julia Hilgendorf; Annette Piorr
Leibniz-Centre for Agricultural Landscape Research – Müncheberg, Germany, University of Potsdam, DE

- An analysis of interactions between farm households and their local economies: a story of the changing relationship between rural and urban areas?
Kate Pangbourne; Deborah Roberts
University of Aberdeen Business School, Edward Wright Building, Old Aberdeen, UK

- Peri-urban Lifestyle Farming
Ole Hjorth Caspersen
University of Copenhagen, DK

- Peri-Urban Planning & Management Challenges: Addressing the Myths of Peri-urbanisation
Darryl Low Choy
Urban Research Program, Griffith University, AU

S8 Growth management and governance systems in rural-urban regions – locally adapted strategies

Room: A2-81.01

Chair: Carmen Aalbers

Rapporteurs: Hilda Blanco; Simon Swaffield

- Peri-urban areas in Europe: comparative analysis of governance patterns
Katarina Eckerberg; Carmen Aalbers
Stockholm Environment Institute; Alterra; SE, NL

- Urban sprawl, environment and local land use policy determinants
Laurence Delattre
French National Institute of Agricultural Research, FR

- Reinventing spatial planning in the urban rural interface
Simon Swaffield
Lincoln University, NZ

- Planning Quality of Life in Urban-Rural Regions – Seven Approaches in the Baltic Sea Region
Petri Kahila; Stefanie Lange; Peter Schmitt
Nordregio, SE

11:00 PARALLEL SESSIONS S9-S13

S9

Urban-rural regions in a globalised world – driving forces on land use change

Room: A2-70.04

Chair: Vegard Skirbekk

Rapporteurs: Mads Farsø; Antti Vasanen

- Understanding patterns and driving forces of the Swiss periurban landscape through benches, signposts, and a wealth of other small objects
Anna M. Hersperger; Dominik Langhamer; Thomas Dalang
Swiss Federal Research Institut WSL, CH

- The impact of residential preferences on peri-urban spatial structure in the urban region of Turku, Finland
Antti Vasanen, University of Turku / Regional Council of Southwest Finland, FI

- Casablanca between planning and informal development
Patricia Jacob
Bergische Universität Wuppertal, DE

- The concept of landscape in landscape(d) urbanism
Mads Farsø
Danish Center for Forest, Landscape and Planning, University of Copenhagen, DK

S10

Land-use relationships and the structure of the rural-urban system: European and regional models

Room: A2-70.02


Chair: Dagmar Haase

Rapporteurs: Hedvig van Delden; Nina Schwarz

- Land Use Change and Sustainability Performance of European Region Types
Annette Piorr; Ingo Zasada; Regine Berges; Wolfgang Loibl; Piotr Korcelli; Ivan Tosics; Kostas Lalenis; Susana Alves
Leibniz-Centre for Agricultural Landscape Research; Austrian Institute of Technology; Polish Academy of Science; Metropolitan Research Institute; University of Thessaly; Edinburgh College of Art

PARALLEL SESSIONS

- MOLAND-Light: Supporting planners with a generic land use model for European regions
 *Jasper van Vliet; Roel Vanhout; Alessandro Sarretta; Carlo Lavallo; and Hedwig van Delden*
Research Institute for Knowledge Systems; European Commission, Joint Research Centre


- Interaction between urban and peri-urban: the case of commuting
 *Mika Ristimäki; Panu Kontio; Thomas Sick Nielsen; Ville Helminen*
Finnish Environment Institute; University of Copenhagen; FI, DK

S11 Quality of Life and ecosystem services in rural-urban regions

Room: A2-70.03

Chair: Simon Bell

Rapporteurs: Franziska Kroll, Sandra Gentin

- A rural-urban gradient analysis of ecosystem services demand and supply dynamics
 *Franziska Kroll; Felix Müller*
University of Kiel, DE

- Integration and trade-offs between urban ecosystem services in rural-urban regions
 *Dagmar Haase; Nina Schwarz; Franziska Kroll; Michael Strohbach; Nadja Kabisch*
Humboldt University Berlin; Helmholtz Centre for Environmental Research – UFZ; University of Kiel; DE

- Valuation of Terrestrial Ecosystem Services in a multifunctional peri-urban space (VOTES)
Nicolas Dendoncker
Department of Geography, FUNDP, UC Louvain, BE

S12 Sustainable multifunctional landscapes in peri-urban areas

Room: A2-70.01

Chair: Henrik Vejre

Rapporteurs: Lone Kristensen; Andrew Butler

- Landscape urbanism for old industrial peri-urban areas
Ana Lúcia Virtudes; Filipa Almeida
University of Beira Interior, PT
- Landscape as silent conflict
Andrew Butler
SLU, institutionen för stad och land, SE

- Agro-urban open space as a component of agricultural multifunctionality
Luis Miguel Valenzuela Montes; Rocío Pérez Campaña, Granada University, ES

S13 Growth management and governance systems in rural-urban regions – locally adapted strategies

Room: A2-81.01

Chair: Carmen Aalbers

Rapporteurs: Ivan Tosics; Katarina Eckerberg

- Towards a Sustainable Urban Form Theory
Hilda Blanco
University of Washington, US
- The interest and the tools of the public sector to fight urban sprawl
 *Iván Tosics*
Metropolitan Research Institute, Budapest, HU
- Peri-urban Dilemmas: A Time for Change
Darryl Low Choy; Michael Buxton; Jenny Wadsworth
Griffith University; RMIT University, AU
- Urban-rural interaction in sustainable land management
Nadin Gaasch; Thomas Weith; Kristin Schulz
Leibniz-Centre for Agricultural Landscape Research (ZALF), DE



15:30 PARALLEL SESSIONS S15-S19

S15 Quality of life and ecosystem services in rural-urban regions

Room: A2-70.03

Chair: Simon Bell

Rapporteurs: Christian Fertner; Affonso Zuin

- Moving or staying – understanding how quality of life is affected by land use change, using residential choice as a mechanism
 *Affonso Zuin; Simon Bell; Peter Aspinall*
Edinburgh College of Art, UK
- Ecosystem services as a factor for increasing of quality life in rural-urban regions
 *Marek Degórski*
Institute of Geography and Spatial Organization, Polish Academy of Sciences, PL

- Anti-urbanisation as development chance for rural areas. In-migration and self-employed business in the countryside around Copenhagen
Lise Herslund; Christian Fertner
University of Copenhagen, DK

- »Quality of life« under pressure in peri-urban areas: who are the culprits?
von der Dunk, Andreas; Grêt-Regamey, Adrienne; Hersperger, Anna M.
ETH Zürich, Institute for Spatial and Landscape Planning IRL; Swiss Federal Research Institute WSL, CH

S16 Remote sensing and GIS for sustainable urban development science

Room: A2-70.02

Chair: Maik Netzband; Hannes Taubenböck

Rapporteurs: Thomas S. Nielsen; Jean-Pierre Chery

- Monitoring and modelling of urban land-cover/land-use by means of remote sensing and GIS – an overview
Maik Netzband
Ruhr-Universität Bochum, Geography Department, Remote Sensing Group, DE

- From satellite imagery to spatial planning practice in urban areas
H. Taubenböck; T. Esch, M. Wurm; W. Heldens; S. Dech
German Aerospace Center (DLR) – Oberpfaffenhofen, DE

- GMES Services – Urban Atlas
Stefan Kleeschulte; Mirko Gregor
Geoville Environmental Services, LU

- Simulation of future urban growth scenarios for the Madrid Region (Spain) using GIS and multicriteria evaluation techniques
W. Plata Rocha; M. Gómez Delgado; J. y Bosque Sendra
Ciudad Universitaria; Universidad de Alcalá, ES

- To consider agronomical potential a strategic heritage: spatial indicators on urban sprawl and consumption of agricultural lands. The Languedoc case study
Maud Balestrat; Jean-Pierre Chery; Eric Barbe; Stéphane Dupy; Pierre Martinand
FR

- Analysing urbanisation: the role of remote sensing in multi-dimensional measurement concepts
Stefan Fina; Stefan Siedentop
Institute of Regional Development Planning (IREUS), University of Stuttgart, DE

S17 Sustainable Urban Development in Emerging Economies

Room: A2-70.04

Chair: Stephan Pauleit

Rapporteurs: Mads Farsø; Cecil Konijnendijk

- Riding the tiger: strategies for sustainable land use in peri-urban areas of rapidly developing cities of China. The case of Hangzhou
Youjoun He; Jianjun Yang; Jingjing Ni; Irene Burkhardt; Martin Spiekermann; Fei Yang and Stephan Pauleit
Chinese Academy of Forestry; University of Zhejiang; MUDI; Technical University of Munich; CN, DE

- Play the Positive Role of the Urban Rural Interface during Urbanization of the Metropolis
Liang Zhang
Institute of Regional and Urban Economics of Renmin University of China, Beijing, CN

- From urban sprawl to eco-settlements: prospects for Arnavutkoy
Arzu Kocabas; Murat Diren; Gulnur Kadayifci Mimar Sinan
Fine Arts University; GIMM; Arnavutkoy Municipality, TR

- How island countries use coastal areas spatial planning to cope with climate change? – The case of Taiwan
Yen-Sheng Ho
Institute for Physical Planning & Information; the visiting scholar in Institut für Geodäsie und Geo-information, Bonn University, DE

- The Role of the United Arab Emirates Federal Governance System in Rural-urban Regions: Case Study Industrial Solid Waste Management
Saif Al Qaydi
UAE University, AE

PARALLEL SESSIONS

S18 Economic evaluation of policies affecting land use in rural-urban regions

Room: A2-70.01

Chair: Tim Taylor

Rapporteurs: Marco Boeri; Gabriel Rotger

- Economic Assessment of Peri-Urban Land Use Change: Application of cost-benefit analysis to case studies

PLUREL

Tim Taylor; Wan-Jung Chou; Alberto Longo;

Marco Boeri; Eda Ustaoglu; Brendan Williams;

Sara Scatasta

University of Bath; Queens University of Belfast;

University College Dublin; UK, IE

- Monetary valuation of peri-urban land use change: A tale of three cities

PLUREL

Marco Boeri; Alberto Longo; Timothy Taylor

Queen's University Belfast; University of Bath, UK

- Transport Infrastructure as a Key Determinant in Regional Growth Trends in Plurel Regions

PLUREL

Brendan Williams; Eda Ustaoglu

UCD/School of Geography, Planning and Environmental Policy, IE

- Interaction of geographical clustering of economic activity and local labour market dynamics

PLUREL

Gabriel Pons Rotger

Danish Institute of Governmental Research, DK

S19 Growth management and governance systems in rural-urban regions – locally adapted strategies

Room: A2-81.01

Chair: Hilda Blanco

Rapporteurs: Terry v. Dijk; Duane De Witt

- The importance of visions for amplifying likely paths of peri-urban development

PLUREL

Terry van Dijk; Ward S. Rauws

University of Groningen, NL

- Creative Intervention in Dynamic Urban Regions: a Sustainability Assessment Approach of Interim Use Strategies for Shrinking Cities

Dagmar Haase; Emily D. Lorance

Humboldt University of Berlin and Helmholtz Centre for Environmental Research – UFZ; Technical University Munich

- Citizen driven community based nature conservation at the peri urban edge

Duane De Witt, University of California, Berkeley, US

- Land use changes in peri-urban areas and transformation of regional identities

PLUREL

Fred de boer; Pat van der Jagt; Terry van Dijk

Wageningen University; Alterra; University of Groningen, NL

THURSDAY, OCTOBER 21TH

11:00 PARALLEL SESSIONS S21-S25

S21 Land-use relationships and the structure of the rural-urban system: European and regional models

Room: A2-70.01

Chair: Dagmar Haase

Rapporteurs: Hedvig van Delden; Nina Schwarz

- Interrelations between economic and population change and land use patterns in European rural-urban regions

PLUREL

Piotr Korcelli; Elbieta Kozubek

Stanislaw Leszczycki Institute of Geography and Spatial Organization, Polish Academy of Sciences, PL

- Exploring and simulating land-use patterns in the urban-rural interface

Lena Hallin-Pihlatie

Finnish Environment Institute, FI

S22 Rural-urban land use dynamics – impacts on resource demands and utilisation

Room: A2-70.04

Chair: Annette Piorr

Rapporteurs: Regine Berges; Julien Grunfelder

- Modelling the consequences of urbanisation for the ecological capacity in European regions

PLUREL

Regine Berges; Ingo Zasada; Annette Piorr

Leibniz-Centre for Agricultural Landscape Research (ZALF), DE

- Peri-urban municipality structure as a competitive environment triggering accelerated settlement growth – patterns, effects and solutions promoting sustainable peri-urban development

PLUREL

Wolfgang Loibl; Sophie Rickebusch; Annette Piorr; Ivan Tosics; Mario Köstl

Austrian Institute of Technology; University of Edinburgh; ZALF; Metropolitan Research Institute, AT, UK, DE, HU

- Travel Related Zones of the Urban Form – Case Peri-urban
Mika Ristimäki; Hanna Kalenoja; Maija Tiitu
Finnish Environment Institute, FI
- Natural resource management problems in peri-urban and urban areas – new dynamics of land use in coastal areas
Karl Bruckmeier; Gunilla A. Olsson
Gothenburg University, SE
- Urban-rural interaction patterns and dynamic land use: Further thinking for urban-rural integration in China
Yuheng Li
Royal Institute of Technology, Stockholm, SE

S23 Scenarios: futures for rural-urban regions

Room: A2-70.03

Chair: Mark Rounsevell

Rapporteurs: Vegard Skirbekk; Brendan Williams

-  Prospects for later-life migration in urban Europe
Vegard Skirbekk; Nikola Sander
International Institute for Applied Systems Analysis, IIASA, AT
-  Land use scenarios based on a participative design
Annette Bauer; Dagmar Haase
Helmholtz Centre for Environmental Research – UFZ, DE
-  Regional urban growth in four land-use change scenarios: a comparative analysis of the PLUREL case study regions
Sophie Rickebusch; Corentin Fontaine; Mark Rounsevell
School of GeoSciences, University of Edinburgh, UK
- European Urban-Rural Regions – A Scenario Assessment Tool for Decision Making; Case Study, Greater Dublin Region 2026
Brendan Williams; Harutyun Shahumyan; Laura Petrov; Sheila Convery
UCD Urban Institute Ireland; DG EUROSTAT, IE, EU/LU
- Grand Casablanca 2025 – new roles for the urban-rural relationship?
Michael Heinze; Christoph Kasper
Bergische Universität Wuppertal; Technische Universität Berlin, DE

S24 Urban forestry and urban greening in developing countries

Room: A2-70.02

Chair: Cecil Konijnendijk

Rapporteurs: Sandra Gentin; Stephan Pauleit


- The Pattern Selection of Forestry Land Multifunctional Use of Peri-urban Areas under the Background of Urbanization in Beijing
Li Zhiyong; Zhang Decheng
Research Institute of Forestry Policy and Information, Chinese Academy of Forestry, CN
- Agents of Change – Development of urban parks in the Israeli Negev
Anat Gold
Planning department southern region Israel JNF, IL

S25 Growth management and governance systems in rural-urban regions – locally adapted strategies

Room: A2-81.01

Chair: Katarina Eckerberg

Rapporteurs: Nick Green; Tommy Firman

-  Expressions of the compact city paradigm in peri-urban planning across European city regions – how do planners deal with sustainability trade-offs?
Judith Westerink; Dagmar Haase; Annette Bauer; Anton Perpar; Mirosław Grochowski; Joe Ravetz; Carmen Aalbers
Alterra; UFZ, University of Ljubljana; Polish Academy of Sciences; University of Manchester, NL, DE, SI, PL, UK
- The English Problem – Planning for peri-urban nation
Nick Green
University of Salford, UK
- Does scale affect the presence of the urban-rural interface? Managing this interface on a small island state: the case of Malta
Antoine Zammit
University of Malta, MT
- Conflicts and Governance of Landfills in a Developing Country City, Accra
Dr. George Owusu; Robert L. Afutu-Kotey
ISSER, University of Ghana, GH

PARALLEL SESSIONS

13:30 PARALLEL SESSIONS S26-S30

S26 Instruments and tools for Sustainability Impact Assessment

Room: A2-70.01

Chair: Armin Werner

Rapporteurs: Jan Peters-Anders; Tomaz Vernik

- Integrating macro-economic developments and land use allocations in simulating urban dynamics
Hedwig van Delden; Garry McDonald; Jasper van Vliet
Research Institute for Knowledge Systems, NL
- Tools for urban soil management
Borut Vrščaj; Tomaž Vernik
Agricultural Institute of Slovenia, SI
- A method to assess transport consumptions in sub-urban areas
Anne-Françoise Marique; Sigrid Reiter
LEMA – University of Liege, BE
- The Indicator of Land Consumption Risk (ILCR): a methodological approach to manage periurban areas
Chiara Mazzocchi; Fabio Villa; Stefano Corsi
Department of Environmental Sciences, University of Studies of Milan-Bicocca, University of Studies of Milan, IT

S27 Rural-urban land use dynamics – impacts on resource demands and utilisation

Room: A2-70.04

Chair: Annette Piorr

Rapporteurs: Marina Pintar; Anton Perpar

- Will the best agricultural land in the Municipality of Koper be overbuilt?
 *Marina Pintar; Anton Perpar; Tomaž Kralj; Marko Zupan; Andrej Udov; Georgi Bangiev; Davor Deranja; Tjaša Babi*
University of Ljubljana; Municipality of Koper, SI
- Accounting for urban metabolism in urban planning: The FP7 Project BRIDGE
N. Chrysoulakis; C.S.B. Grimmond; E. Magliulo; R. San José; M. Jones; Z. Mitraka; C. Borrego; J. Klostermann; M. Santamouris
Foundation for Research and Technology – Hellas; King's College London; Consiglio Nazionale delle Ricerche; Technical University of Madrid; Trinity College Dublin; University of Aveiro; Alterra B.V.; National and Kapodistrian University of Athens, GR, UK, IT, ES, IE, PT, NL

- Strategies and Instruments for Shaping Urban and Peri-Urban Dynamics in Grand Casablanca, Morocco
Frank Helten
Technische Universität Berlin, DE
- Analysis of soil protection effectiveness in cities of central Europe
Grzegorz Siebielec; Lopatka Artur; Stuczynski Tomasz; Kozak Malgorzata; Gluszynska Magdalena; Koza Joanna; Zurek Anna
Institute of Soil Science and Plant Cultivation, PL
- Predicting the cumulative effects of local development plans in the peri-urban region of Milan, Italy
Chiara Bragagnolo; Davide Geneletti
University of Trento, IT

S28 Quality of life and ecosystem services in rural-urban regions

Room: A2-70.03

Chair: Simon Bell

Rapporteurs: Michel Kiers; Sandra Gentin

- The peri-urban zone and the quality of life of city dwellers: recreation as (missing) link.
 *Jan Clement; Janneke Roos; Michel Kiers; Sjerp de Vries*
Alterra, Wageningen UR, NL
- Assessing the impact of afforestation on accessibility to forest areas as a recreational resource
Henning Sten Hansen
Aalborg University, DK
- To the Great Outdoors
Dr. Joke Luttkik; Ir. Peter Veer
Alterra Wageningen UR, NL
- Assessing the development of outdoor recreation in the urban-rural interface in Beijing, China
Jun Yang; Lvyi Ma; Wenjuan Zhang
Beijing Forestry University, CN
- Transformation of housing patterns in the urban-rural fringe of the metropolitan area of Warsaw
Robert Kocewicz
Technical University of Madrid, ES

S29 Urban forestry and urban greening in developing countries

Room: A2-70.02

Chair: Cecil Konijnendijk

Rapporteurs: Jingyi Yang; Stephan Pauleit



- Evaluating urban greening efforts in China – are current evaluation systems adequate?
Jingyi Yang; Jun Yang; Luyi Ma
Beijing Forestry University, CN
- China's Urban Forest Benefit Assessment Model and Case Application
Ye Bing
Chinese Academy of Forestry, Beijing, CN
- Urban agriculture and a sustainable systems science and design approach: Implications for climate change adaptation and urban-regional resilience
Andrew Adam-Bradford
Department of Geography, University of Sheffield, UK

S30 Growth management and governance systems in rural-urban regions – locally adapted strategies

Room: A2-80.01

Chair: Katarina Eckerberg

Rapporteurs: Judith Westerink; Joe Ravetz

- Integrating governance & research in the peri-urban: responding to the joined-up climate change policy agenda around Europe
 *Joe Ravetz*
School of Environment & Development, HBS, Manchester, UK
- Changes in governance, improvement in spatial planning: how a new local government implements a powerful planning tool to manage urban-rural sustainable relationships. Montpellier Agglomeration Plurel case study
 *F. Jarrige; JP Chery; J Buyck; JP Gambier*
Montpellier Supagro; AgroParisTech Montpellier; Montpellier Agglomération; Alfred Peter Paysagiste, FR
- The »making« of place-based community in the urban-rural fringe; the significance of shared visions of quality of life and sustainability
Marie Mahon; Frances Fahy; Micheál Ó Cinnéide
Department of Geography, School of Geography and Archaeology, IE

- Making sense of nonsense: urban sprawl and social representations in the Quebec metropolitan area
Florent Joerin; Pierre Rondier
Laval University, CA

Policy session

Room: A2-70.01

Chair: Annette Piore; Joe Ravetz; Ivan Tosics

Rapporteurs: Thomas Sick Nielsen

- Peri-urbanisation in Europe: Towards European Policies to Sustain Urban-Rural Futures



A discussion workshop session on the PLUREL Synthesis Report for Policy-Makers: policy conclusions and messages – what will PLUREL provide and suggest?

Places are limited so participants are requested to sign up on the conference notice board

POSTER SESSION

WEDNESDAY, OCTOBER 20TH

13:30 POSTER SESSION S14
Room: A2-81.01

Topic Urban-rural regions in a globalised world: driving forces on land use change

- Permaculture as a Tool for Sustainability in Cities
Meliz Akyol; Hayriye Esbah
Istanbul Technical University, TR

Topic Scenarios: futures for rural-urban regions

- RE: Re-cycle, Re-use, Re-frame
Beatrice De Carli, Politecnico di Milano, IT
- A comparative study on future land use scenarios in four European cities
Francisco Escobar; Sarah Mubareka; Cara Rocha Gomes; Carlo Lavalle
European Commission – Joint Research Centre, EU/IT

Topic Land-use relationships and the structure of the rural-urban system: European and regional models

- Land Use Changes and the Mediterranean City – Urban Ecology face to face Urban Geography: A preliminary contribution
Luca Salvati; Sofia Bajocco, CRA-CMA, Rome, IT

Topic Rural-urban land use dynamics: impacts on resource demands and utilisation

- Land use/land cover changes in the urban-rural interface in the Bucharest metropolitan area
Ines Grigorescu, Romanian Academy, RO
- A land use policy shock in the Estonian urban fringe
Antti Roose; Ain Kull; Martin Gauk
University of Tartu, EE

Topic Quality of life and ecosystem services in rural-urban regions

- Megacity Casablanca – a rural-urban region
Christoph Kasper; Meggi Pieschel; Prof. Undine Giseke
TU Berlin (UAC Research Project), DE

- Above-belowground linkages as affecting nitrogen dynamics in urban soils
Vauramo, S.
University of Helsinki, Department of Environmental Sciences, FI

Topic Growth management, governance systems, locally adapted strategies

- What is the peri-urban control in France today? Case of the individual detached house into the first ring of Rouen's urban area
François Raulin
University of Rouen, MTG Laboratory (UMR IDEES), FR
- Instruments for Planning and Managing an Agro-Urban Park in a Mediterranean Delta
L.M. Valenzuela Montes; A. Matarán Ruiz; R. Pérez Campaña
Universidad de Granada, ES
- Assessment on the inner city rural areas development dynamics: the Case of İzmir-Doğançay Neighbourhood
Mercan Efe; Tolga Çilingir,
Dokuz Eylül University, TR
- Peri-urban Development in the Age of Limits: An Examination Landuse Planning in New South Wales, Australia
Paul McFarland
University of New England, AU
- Dealing with urban sprawl. Development trends and planning approaches in Denmark, France and the US-state of Oregon
Julien Grunfelder; Christian Fertner
University of Copenhagen, DK
- Proposal for concept of urban soil management
Sigbert Huber
Environment Agency Austria, AU
- Cerro de San Pedro: grass roots movements in co-operation and conflict to stop a living city from disappearing
José G. Vargas-Hernández
Universidad de Guadalajara, MX



- Applying urban regeneration approach in the peri-urban district planning – a case study of Farahzad district, Tehran
Sina Shahab; Mojtaba Araste; Amir Aslan Fila
University of Tehran, IR

- The PLUREL Xplorer – Technical Implementation of an Information Platform for Rural-urban Land Use Relationships
Jan Peters-Anders; Katharina Fricke; J.-Martin Hecker; Katharina Helming; Wolfgang Loibl
Austrian Institute of Technology, AT; Leibniz-Centre for Agricultural Landscape Research (ZALF), DE



Topic Sustainable multifunctional landscapes in peri-urban areas

- The periurban area of Perugia. A strategic scenario of sustainable landscape planning
Sandra Camicia
University of Perugia, IT
- Historical roots, structures and changes in fluvial periurban landscapes. Settlements, infrastructures, land use in Tiber Valley of Perugia
Lunella Ferri
University of Perugia, IT
- Land Degradation and the City: Environmental Sensitivity and Regional Disparities in a Changing Economic and Ecological Landscape
Luca Salvati; Luigi Perini; Marco Zitti
Council for Research in Agriculture, Rome, IT

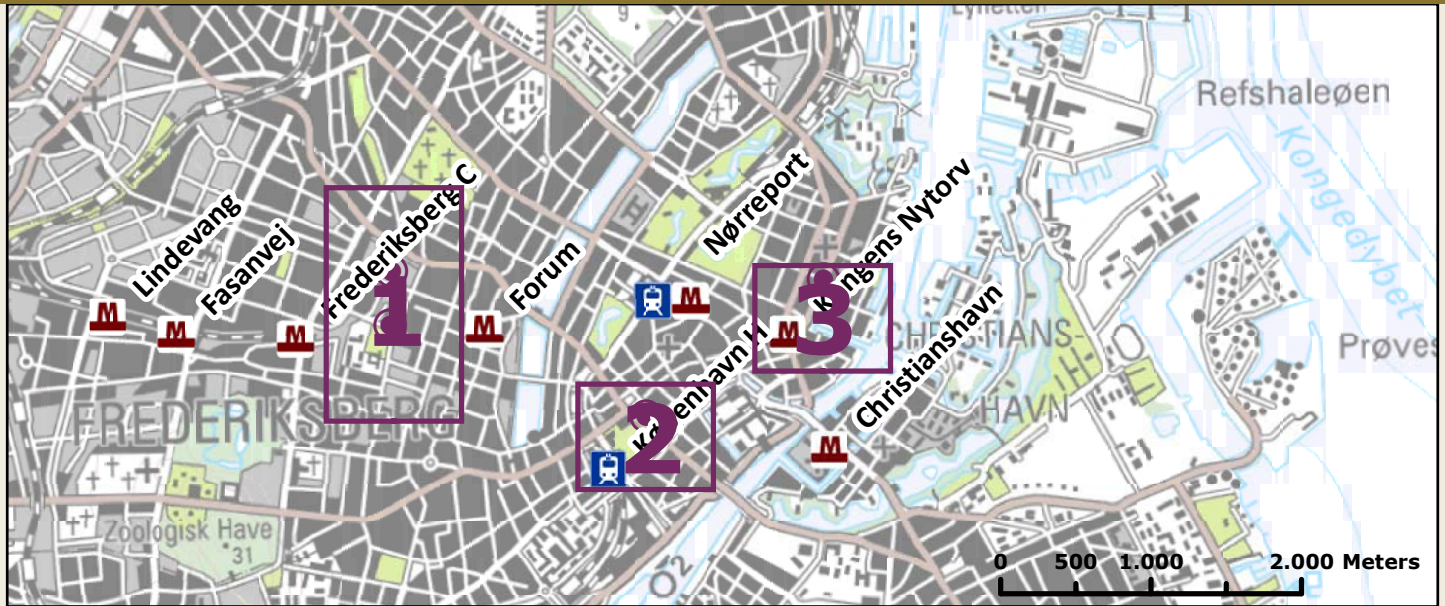
Topic Economic evaluation of policies affecting land use in rural-urban regions

- The health benefits of improvements to the physical environment
Alberto Longo; Mary Lynch; George Hutchinson
Queen's University Belfast, UK
- The Common Agricultural Policy (CAP) and regional planning: a study of a contradiction. The case of the south peri-urban area of the city of Girona, Catalonia
Anna Roca Torrent; Cristina Tous; Marc Xifra
Agroterritori Foundation, ES

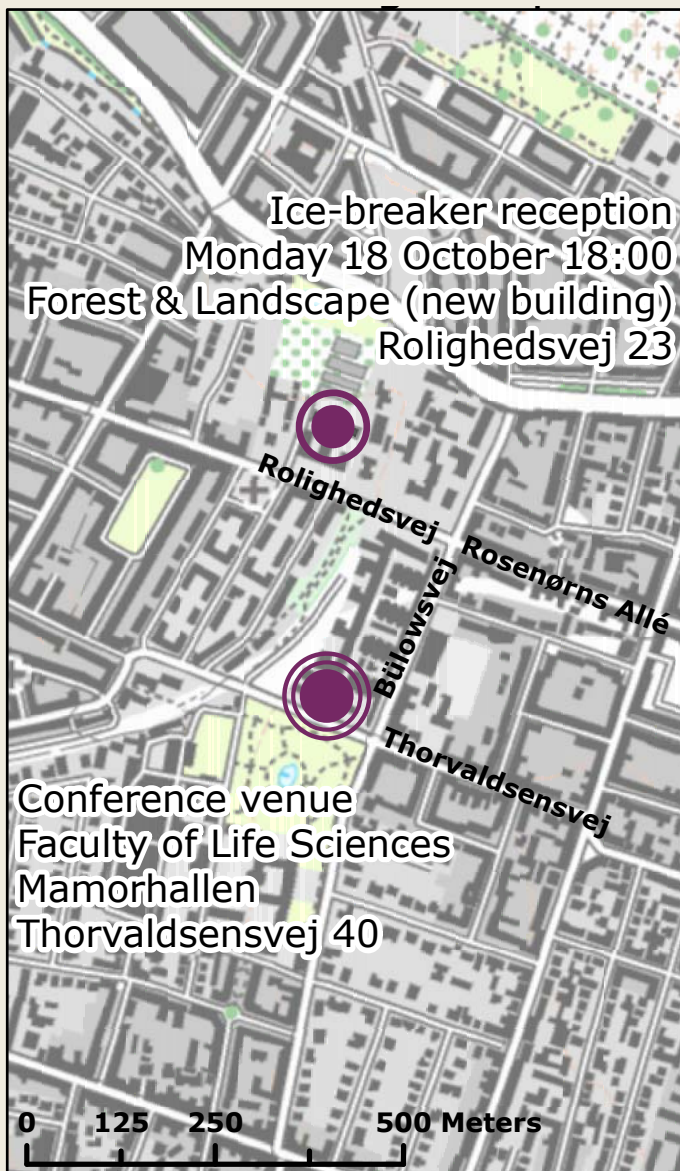
Topic Instruments and tools for Sustainability Impact Assessment

- Instruments and tools for the management of geospatial data in the PLUREL project
Jean Dusart; Alessandro Sarretta; Jan Peters-Anders; Carlo Lavalle
EC-DG Joint Research Centre; AIT Austrian Institute of Technology GmbH, EC/IT, AT

CONFERENCE LOCATIONS



1: FREDERIKSBERG CAMPUS



2: CITY HALL

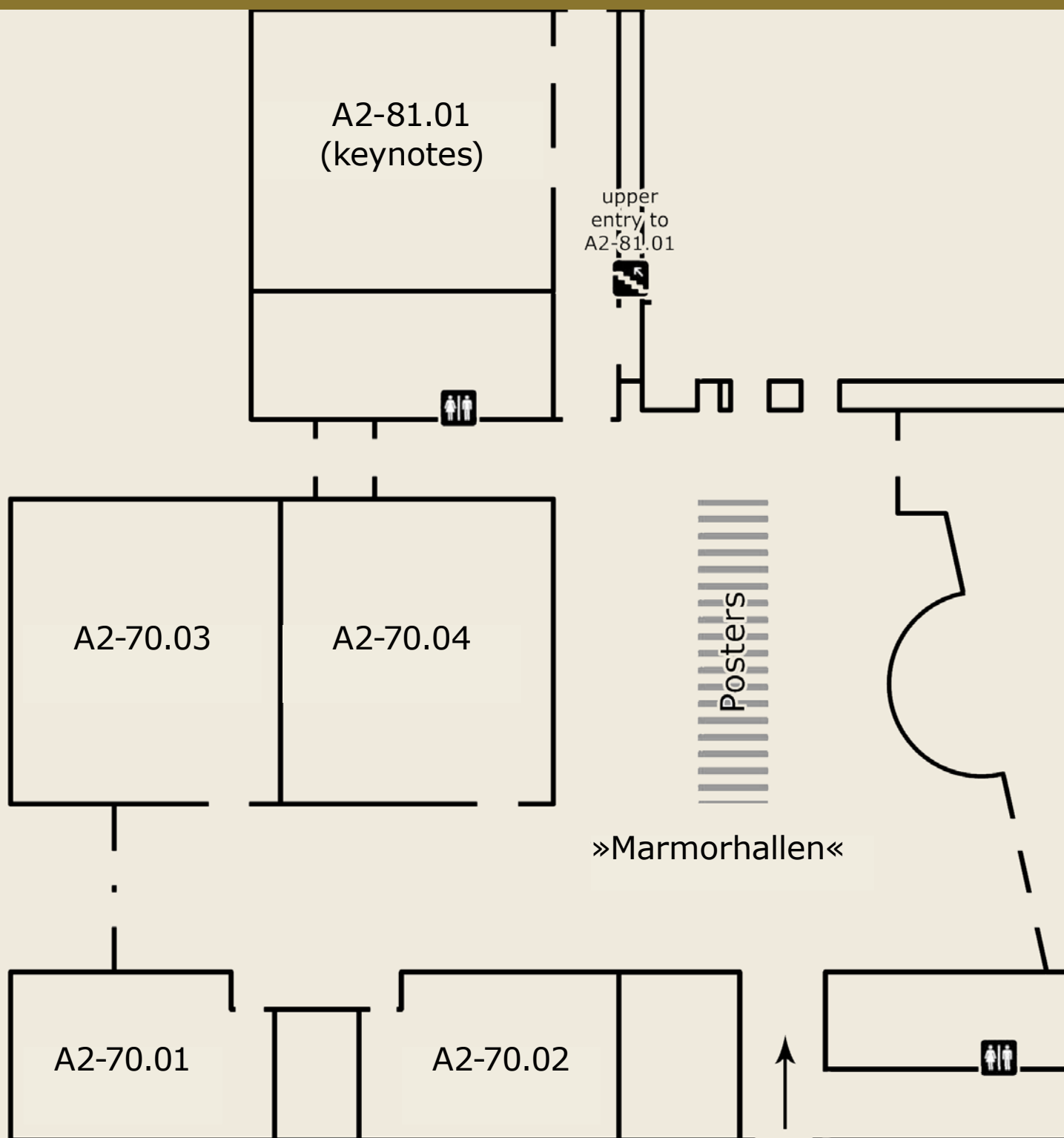


3: CONFERENCE DINNER



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