



Hochschule Anhalt (FH), Landschaftsinformatik – Prof. Erich Buhmann
Strenzfelder Allee, D-06406 Bernburg - Germany

Hochschule Anhalt (FH)
Anhalt University of Applied Sciences

Informatik in der Landschaftsplanung
Prof. Erich Buhmann

Status: 30 August, 2010

International Conference
ECOLOGICAL LANDSCAPE MODELLING and MANAGEMENT
FOR MEDITERRANEAN ISLANDS

Technical Chair: Prof. Erich Buhmann, Anhalt University of Applied Sciences, Germany
Local Chair: Prof. Dr. Alex Torpiano, Dean Faculty of the Built Environment, Malta University, Malta
In co-operation with Vincent Cassar, President KTP, Malta

Thursday, 21st October, 2010

08:00 **COFFEE / TEA**

09:00 **Welcome**

Conference Chairs, OPM (req.) and Minister of Gozo (req.):
Office of Prime Minister, the Hon. Lawrence Gonzi (req.):
The National Strategy – Integrating Sustainable Measures in Governmental Policies

10:30 **COFFEE / TEA**

11:30 **Governmental Issues on Sustainable Development in Malta**

Moderation: Prof. Erich Buhmann / Prof. Alex Torpiano

George Pullicino, Minister for Rural Affairs and the Environment in Malta (req.)
Ecological Hazards, Potentials and Challenges of the Maltese Islands
Prof. Dr. Beate Jessel: President Federal Agency for Nature Conservation (BfN), Germany:
Landscape Planning as Instrument of Long-range Sustainable Landscape Development within the Current European Environmental Legislation

13:00 **LUNCH**

14:00 **The Ecology of Gozo**

Moderation: Prof. Dr. Arndt / Prof. Dr. Louis Cassar

Dr. Louis F. Cassar, Director Institute for Earth Science IES, Malta University, Malta (req.):
The Influence of Landscape Change on Ecological Resources
Dr. Avertano Role, University of Malta:
Geomorphology of Gozo, Introduction to Soil Erosion and Desertification
Frans Mallia, Malta Environmental Planning Agency MEPA, Malta (req.):
Introduction to Gozo Development Plan

15:30 **COFFEE / TEA**

16:30 **The Vision of a Sustainable Gozo – Status Report**

Moderation: Prof. Dr. Andrea Haase / Vincent Cassar, KTP President

Prof. Dr. Paul Gauci, The Faculty of the Built Environment, Malta University, Malta:
Introduction to Gozo Structural Plan
Anthony Zammit, Ministry of Gozo, Malta (req.):
Implementation Strategy for a Sustainable Gozo – A Status Report
Prof. Erich Buhmann, Damian Perez and MA GIS Matthias Pietsch, Anhalt University of Applied Sciences, Bernburg, Germany:
Managing Runoff Water in Gozo, Opportunities and Constrains

18:00 **Closing panel discussion with all speakers of the day**

Field Excursion: The Landscape Ecology of Gozo
Dr. Louis F. Cassar, Director IES Malta University, Malta (req.)

20:00 **EVENING EVENT** Xlendi Bay

08:00 COFFEE / TEA

09:00 **Contribution of Ecological Landscape Modelling and Management for a More Sustainable Development**

Moderation: Prof. Dr. Beate Jessel, Präsident BfN / Dr. Paul Gauci

Prof. Dr. Dierich Bruns, ECLAS President, University of Kassel, Germany:

Implementing the European Landscape Convention in the Mediterranean

Prof. Dr. Michael Koch, University of Kaiserslautern, Germany:

Sustainable Strategies in Environmental Planning in Integration of Landscape Planning and Environmental Impact Assessment

Prof. Dr. Kai Tobias, University of Kaiserslautern, Germany:

Sustainable Landscape Development in Regional Parks

10:30 COFFEE / TEA

Main Session (cont.)

11:30 **Prof. Dr. Jusuck Koh, University of Wageningen** and **Anemone Beck Koh, Oikosdesign Landscape + Architecture**, Wageningen, Holland: On a Landscape Approach, Cultural Identity and Sustainability

Prof. Dr.-Ing. Andrea Haase, Anhalt University of Applied Sciences, Dessau, Germany :

Discrepancies between formal planning and informal settling - the chances for nature to enhance culture

Prof. Dr. Stefan Heiland, TU Berlin, Germany

Ecological Planning Response to Climate Changes

Working Group

Prof. Erich Buhmann (ECAS), Anhalt University, Germany (ECLAS) and **Andreja Tutundzic (EFLA)**, University of Belgrade, Serbia:

Defining Landscape Architecture in Europe

13:00 LUNCH

Main Session

14:00 **Climate Change and Ecological Development**

Moderation: Prof. Dr. Heiland / Avertano Role

Antoine Gatt, Landscape Architect AGL Design Malta:

Expanding Ecological Niches into the Maltese Urban Landscape

Baris Ergen and Zeynep Ergen, Bozok University,

Turkey: Management of Conflicting Habitat Needs in the Mediterranean

Prof. Dr. Erik Arndt, Anhalt University of Applied Sciences, Bernburg, Germany:

Natura 2000 - aims and commitments

Working Group

Prof. Dr. Dierich Bruns (ECAS), University of Kassel, Germany and **Fritz Auweck (EFLA)**, University of Weihenstephan, Germany: Recognition of Landscape Architecture in the Mediterranean

15:30 COFFEE / TEA

Main Session

16:30 **Interdisciplinary Case Studies on Ecological Development**

Moderation: Prof. Dr. Andrea Haase / Vincent Cassar, President KTP

Anemone Beck Koh, Oikosdesign Landscape + Architecture Wageningen, Netherlands:

Design for Transformative Experience: Fostering Ecological Awareness and Stewardship, Wageningen, Netherlands

Prof. Rainer Schmidt, Beuth Hochschule Berlin:

Landscape Design Response to Climate Changes

Working Group

Prof. Erich Buhmann (ECAS), Anhalt University, Germany (ECLAS) and **Andreja Tutundzic (EFLA)**, University of Belgrade, Serbia:

Standardisation of Landscape Architecture Education in Europe and the Mediterranean

18:00 Main Session

Closing panel discussion with all speakers of the say

Field Excursion: The Landscape Heritage of Gozo

Godwin Vella, Heritage Malta Chief Executive Officer (req.) | Josef Bezzina, Malta University, Malta (req.)

20:00 EVENING EVENT: The Citadel of Victoria

08:00 **COFFEE / TEA**

09:00 **Visual Landscape Resource Management**

Moderation: Prof. Dr. Andrea Haase / Frans Mallia

Prof. Dr. Jim Palmer, SUNY Syracuse, N.Y., United States

The Successful Implementation Strategies of VRM in the US

Dr. Saviour Formosa and Stephen Conchin, University of Malta and MEPA, Malta:

Visualisation of Digital Landscapes as a Potential Instrument for VRM in Malta

Dr. Thomas Schauppenlehner, University for "Bodenkultur", Vienna, Austria: The Landscape Puzzle - Making Land Use Modelling Data spatially Explicit for Structure and Visual Analysis

Frank Roser, University of Stuttgart, Germany: Adapting Methods for Improving Large Scale Visual Landscape Evaluation in the Mediterranean

10:30 **COFFEE / TEA**

11:30 **Applying GIS in Environmental Planning**

Moderation: Prof. Dr. Arndt / Dr. Louis Cassar

Dr. Muki Haklay, Director Chorley Institute and Claire Ellul University College London: Supporting Sustainability through Geographic Information and Public Participation

Dr. Saviour Formosa, University of Malta and MEPA, Malta:

Access of Governmental GIS data versus Private data for the Benefit of Environmental Monitoring: the Aarhus Impact

Prof. Erich Buhmann and Matthias Jähne, Anhalt University of Applied Sciences, Bernburg, Germany

Use of Biotope Mapping in Germany, Designing the Next Generation of GIS Data in Environmental Planning Based on Forty Years Experience

13:00 **LUNCH**

14:00 **Sustainable Development and Participation**

Moderation: Prof. Erich Buhmann / Vincent Cassar

Prof. Dr. Roman Lenz, Hochschule für Wirtschaft und Umwelt, Nürtingen-Geislingen, Germany:

GIS-based Landscape Modeling and Participation

Dr. Maria Attard, Director, Institute for Sustainable Development and Lecturer in Geography, University of Malta: Civic Science and Stakeholder Involvement in the Eco Gozo Project

Daniele Fantechi, Gozo, Malta:

Participation of Local Farmers for Sustainable Farming

15:30 **COFFEE / TEA**

Working Group 1

Working Group 2:

16:30 **Participation processes**

Implementation Strategies for Ecological Development

Main Session

17:30 **Closing Panel with all Speakers – Summarizing the results of the conference**

20:00 **EVENING EVENT at Hotel Ta'Cenc**

Registration:

3-Day Participation: 100 Euro (reduced 50 Euro) / 1-Day Participation: 50 Euro (reduced 25 Euro)

Reduced fees are applying for first and second degree students.

Please send your email registration to Anhalt University/Hochschule Anhalt on behalf of Prof. Erich Buhmann to la@loel.hs-anhalt.de

Further Information on the conference: www.digital-la.de >> GIS Events

Contact for speakers: atelier.bernburg@t-online.de

Publication:

Papers of the presentations will be published within the update of the Studio Brochure on Alternative Landscape Developments .

Further Information on the studio: www.digital-la.de >> Projects + Studios

Location: Hotel Ta'Cenc www.vjborg.com

International visitors may ask for conference "Landscape" arrangements in all categories