



Program of the Summer School

***Ecosystem Restoration and Nature Conservation  
- Interdisciplinary Approaches -***

at Matera, Basilicata, Southern Italy  
July, 19<sup>th</sup> - 26<sup>th</sup> 2015

organized by Prof. Stefan Zerbe (Free University of Bozen-Bolzano)

in cooperation with

Prof. Mantilla Contreras & Nina Kirchhoff (University of Hildesheim)

and

Florian Goedecke (University of Göttingen)

and

Dr. Tiemo Timmermann (University of Greifswald)

and

Prof. Dr. Cristos Xiloyannis (University of Basilicata)



AG Ökologie & Umweltbildung



ARCHITETTURA, AMBIENTE  
PATRIMONI CULTURALI  
Dipartimento delle Culture  
Europee e del Mediterraneo



ERNST MORITZ ARNDT  
UNIVERSITÄT GREIFSWALD



with financial support of the Stemmler Foundation within the  
*Stifternverband für die Deutsche Wissenschaft*

<b>Day</b>	<b>Activities</b>
Sat 18.07.	Arrival from Bozen, Hildesheim and Greifswald at Matera, Basilicata Accommodation: Hostel Le Monacelle, Matera
Sun 19.07.	8.00 breakfast 9.00 - 10.00 <i>Welcome address, introduction of teachers and participants, course introduction, lecture contents</i> (S. Zerbe, J. Mantilla Contreras, T. Timmermann, N. Kirchhoff, F. Goedecke) 10.00 - 13.30 <i>Introduction to Restoration Ecology</i> (S. Zerbe) 13.30 - 15.30 lunch pause 15.30 - 17.00 <i>Sustainable agriculture in South Italy to restore fertility and carbon in the soil and improve water use efficiency</i> (C. Xiloyannis) 17.00 - 18.00 <i>Casa Noha</i> (history of Matera, entrance fee 4,- Euro):
Mon 20.07.	8.00 breakfast 9.00 - 11.30 <i>Forests in Central Europe, forest history, and restoration of forests</i> (S. Zerbe) 12.00 - 13.30 <i>Restoration of mangrove ecosystems in Latin America and South East Asia</i> (N. Kirchhoff) 13.30 - 15.30 lunch pause 15.30 - 18.00 <i>Student presentations I</i> (students) 18.00 - 19.30 <i>Guided tour through Matera</i>
Tue 21.07.	7.30 breakfast 8.00 - 19.00 <i>Excursion to the National Park Pollino, southern Basilicata</i> (lunch & water self-supply)
Wed 22.07.	8.00 breakfast 9.00 - 11.30 <i>Predicting potential restoration sites using GIS and modelling techniques</i> (F. Goedecke ) 12.00 - 13.30 <i>Peatland restoration</i> (T. Timmermann) 13.30 - 15.30 lunch pause 15.30 - 19.00 <i>Student presentations II</i> (students)
Thu 23.07.	8.00 breakfast 9.00 - 11.30 <i>Ecosystem Restoration and Environmental Ethics</i> (T. Timmermann) 12.00 - 13.30 <i>Soil conditions and soil organisms in restoration</i> (N. Kirchhoff) 13.00 - 15.30 lunch pause 15.30 - 17.00 <i>Biological invasions and restoration</i> (S. Zerbe) 17.00 - 18.30 <i>Geology of Matera and surroundings (Murgia materana): a short introduction</i> (M. Tropeano)
Fri 24.07.	8.00 breakfast 9.00 – 17.00 <i>Excursion southern Murgia - Cristo la Selva e Villaggio Saraceno with City Bus</i>
Sat 25.07.	8.00 breakfast 9.00 - 17.00 <i>Paper presentation and discussion by student groups</i> 17.00 - 19.00 <i>Final discussion and conclusion</i> 21.00 Farewell party (students organize)
Sun 26.07.	8.00 breakfast and departure