

SARDINIA SUMMER SCHOOL



uniss
UNIVERSITÀ DEGLI STUDI DI SASSARI

**CLIMATE CHANGE AND LAND DEGRADATION NEUTRALITY:
MODELLING TOOLS AND INTEGRATED APPROACHES**



UniNuoro
Consorzio Universitario Nuoro

**NUORO, SARDINIA, ITALY
JULY 17-21, 2017**

SARDINIA SUMMER SCHOOL

July 17-21, 2017

Nuoro, Italy

www.uninuoro.it/summerschool

OBJECTIVES PROGRAMS AND TARGETS

The concept of “Land degradation neutrality” - LDN - was proposed by the UNCCD as a central objective in the context of the sustainable development goals. However, LDN has not been investigated in detail at the higher levels of scientific research and education. The scientific debate on this topic is of interest at the scientific community level including the IPCC (Intergovernmental Panel on Climate Change) as it is relevant also for the proposed climate change mitigation policies. For instance, forecasts on the impact of climate change on agricultural and forestry systems developed by the worldwide scientific community do not take into account medium and long-term effects of climate change on soil organic carbon dynamics. Soil organic matter dynamics strongly affect the agronomic fertility, hydrology and even the mitigation potential of

greenhouse gas emissions. The summer school is designed to address these issues by integrating the application of tools for quantitative analysis (mathematical models) with discussion on case studies, to improve the participants' ability to critically understand the complex interactions between biophysical and social processes that characterize sustainable development in a context of climate change.

<http://www.unccd.int/en/programmes/RioConventions/RioPlus20/Pages/Land-DegradationNeutralWorld.aspx>

*United Nation Convention to Combat Desertification
(www.unccd.int)*

<http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

<https://www.ipcc.ch/>



LECTURERS

Pier Paolo ROGGERO

*Director of Desertification Research Centre
NRD, University of Sassari
Sassari (Italy)*

*Topic: Designing adaptive responses to climate
change in agricultural systems*

Giuseppe CORTI

*Department of Agricultural, Food and Env. Sciences
Università Politecnica delle Marche
Ancona (Italy)*

Topic: Assessing soil degradation: theory and practice

Luca DORO

*Blackland Research and Extension Center
Texas A&M AgriLife Research
Temple (USA)*

*Topic: Theory and practice of modelling climate change
impacts on soils and crops with the Apex model*

Victor CASTILLO

*Science, Technology and Implementation Unit
United Nations Convention to Combat Desertification
Bonn (Germany)*

*Topic: Operationalizing the concept
of land degradation neutrality*

Massimiliano PASQUI

*CNR, Istituto di Biometeorologia - Ibimet
Roma (Italy)*

Topic: Exploring climate change scenarios

*The final shedule will be provided during
the first week of July, 2017*





INFO PARTICIPATION AND EXTENDED ACTIVITIES

The School is targeted to graduates, doctoral and post-doctoral students in environmental disciplines, agronomy, soil science, applied biology, natural resource management, landscape planning, environmental sciences from all over the world. Given the highly interactive activities planned at the Summer School, the number of participants is **limited to 30**. Please note that the Summer School will be activated from a minimum number of **12 applicants**.

For Saturday, 22 July, 2017 an optional excursion is available for interested participants. The total cost will be provided at request. The excursion includes a mini-cruise in the Gulf of Orosei: Entrance to the Bue Marino cave and visit to the amazing beaches of Cala Luna, Cala Mariolu, Cala Sisine and Cala Gabbiani.





BENEFITS

In addition to tuition, downloadable course material and the participation diploma the course fee also covers the following:

- >> Free entry to the gym and swimming pool at Località Farcana – Monte Ortobene, Nuoro;
- >> Free entry to: MAN Nuoro Provincial Art Museum; ISRE Sardinian Ethnographic Museum; ISRE Birth place and museum Grazia Deledda (Nobel Prize for Literature, 1926);
- >> Free access to local transport.

ACCOMODATION

Summer School participants may take advantage of a special inclusive price of 350 Euros per person, for seven nights (arrival July 16, 2017; departure July 23, 2017) at a local 3-star hotel. This price covers accommodation in a double room together with half pension (breakfast and one meal per day). If you are interested in this offer, please note this in your enrolment e-mail. There is a surcharge of € 20.00 per day for the single room at the hotel.



FEE AND PAYMENTS

Applicants will be requested to pay a participation fee of **EUR 150**. By June 30, 2017 payment of a deposit of € 50,00 for those who intend to attend the Summer School by bank transfer. Balance of the remaining sum by July 2, 2017, by bank transfer. The deposit will be refunded only in case the school is not activated because there will not be enough participants or the applicant exceeds 30 participants.

Applications will be accepted in the order of arrival. In order to complete the registration, a copy of the completed bank transfer and a copy of the ID document in PDF format must be sent by email to:

segreteria didattica@uninuoro.it and sscc2017@gmail.com.

BANKING DATA

**TESORERIA BANCO DI SARDEGNA
FILIALE DI NUORO**

IBAN: **IT03Y0101517300000070420885**

PAYMENT REFERENCE: **Climate Change Summer School Fee - July 2017**

RECIPIENT: **Consorzio per la promozione degli Studi universitari
nella Sardegna centrale, Via Salaris n. 18, Nuoro.**

BIC (swift code): **BPMOIT22XXX**

UNIVERSIDADE
UNIVERSITA'

APPLICATION FORM AND DEADLINE

FIRST NAME(S) _____

FAMILY/LAST NAME _____

GENDER _____

HOME UNIVERSITY _____

DEPARTMENT _____

DEGREE COURSE (IF APPLICABLE) _____

COUNTRY _____

NATIONALITY (as in your passport) _____

E-MAIL ADDRESS _____

TELEPHONE NUMBER _____

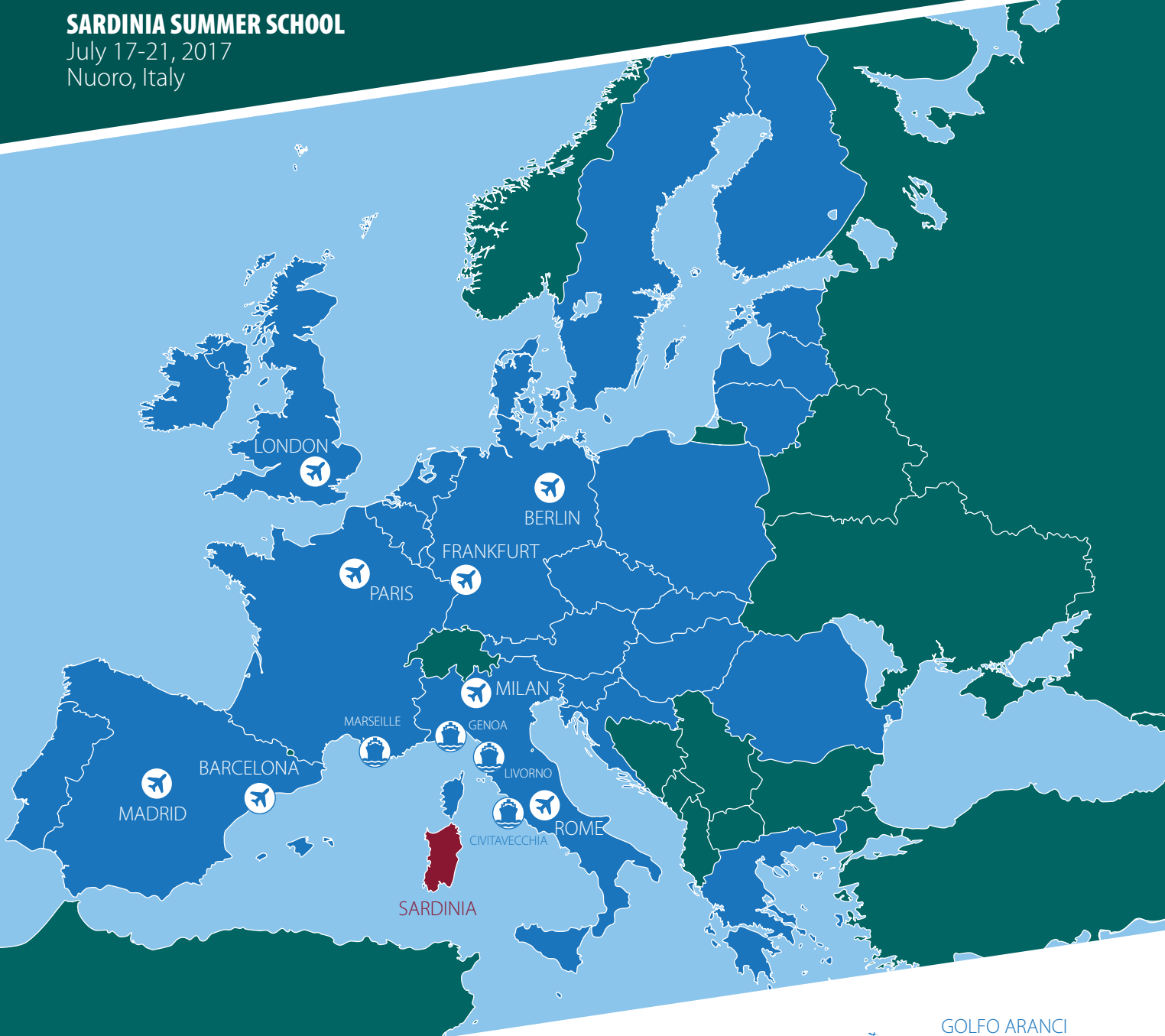
ACCOMODATION (please state if you need an accomodation for your stay in Nuoro. For further information please see the ACCOMODATION section): YES/NO.

Please send the Application Form together with a single .pdf file containing a complete curriculum vitae to the Summer School Secretariat segreteria didattica@uninuoro.it and sscc2017@gmail.com.

The final deadline for applying to the Summer School is June 30, 2017.

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HOW TO ARRIVE IN SARDINIA

BY PLANE

<http://www.sogaer.it/en/> (CAGLIARI)

<http://www.geasar.com/eng> (OLBIA)

<http://www.aeroportodialghero.it> (ALGHERO)

BY SHIP

<https://www.corsica-ferries.co.uk>

<http://www.gnv.it/en/>

<https://www.grimaldi-lines.com/en>

<http://www.moby.com/>

<https://en.tirrenia.it/>



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NUORO



MAIN VENUES

SUMMER SCHOOL ADDRESS

Via Salaris, 18

BUS TERMINAL

Viale Sardegna, 43

BUS STOP FOR SWIMMING POOL

Piazza Vittorio Emanuele, 18

TRAIN STATION

Piazza Berlinguer

TAXI

+39 392 2182350

BUS and TRAIN web address

<http://arst.sardegna.it>

LOCAL PUBLIC TRANSPORT

<http://www.atpnuoro.it/>



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CONTACTS

Summer School Director

Pier Paolo ROGGERO

Department of Agriculture (University of Sassari)

pproggero@uniss.it

Summer School Secretariat

Gian Franco CAPRA

Department of Architecture, Design and Urban Planning (DADU, University of Sassari)

pedolnu@uniss.it



ORGANIZERS



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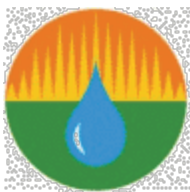
PARTNERSHIPS



REGIONE AUTONOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA



United Nations
Convention to Combat
Desertification



GNDRI

GLOBAL NETWORK OF DRYLAND RESEARCH INSTITUTES

DesertNet
International



TEXAS A&M
AGRI LIFE
RESEARCH

