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.

United Nation Convention to Combat Desertification (www.unccd.int)
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 schedule will be provided during the first week of July, 2017
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.
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.

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 Ortopene, 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.
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:  
segreteriadidattica@uninuoro.it and ssscc2017@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
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 accommodation 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 segreteriadidattica@uninuoro.it and sscscc2017@gmail.com.

The final deadline for applying to the Summer School is June 30, 2017.
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.mobylines.com/
https://en.tirrenia.it/
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 TERMINAL
http://www.atpnuoro.it/

BUS and TRAIN web address
http://arst.sardegna.it
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