

Summer School

2021
2022

SUMMER SCHOOL FOR PHD STUDENTS AND YOUNG RESEARCHERS

*SUSTAINABLE GOVERNANCE
OF WATER RESOURCES IN
RESPONSE TO THE
GROWING THIRST FOR
WATER AND ENERGY*

INTERNATIONAL SUMMER SCHOOL FOR SECONDARY SCHOOL AND UNIVERSITY STUDENTS

*WATER FOR LIFE AND
SUSTAINABILITY*

SCIENTIFIC ORGANIZATION
INTERUNIVERSITY RESEARCH
GROUP GECOAGRI-LANDITALY



con il patrocinio di

Università
di Foggia



For registration:
<https://www.unifg.it/it/terza-missione/valorizzare-la-ricerca/grant-office/grant-academy>
For information:
www.gecoagrilanditaly.it

Centro
Cuore Blu



the World
of Water
Water for
the World



The Summer Schools, organized by the GECOAGRI LANDITALY Interuniversity Research Group Association in agreement with the University of Foggia and APS, **aim to promote awareness processes related to the water resource, using an interdisciplinary approach.**

The reality of Rieti becomes the undisputed protagonist as an open-air laboratory in which to critically observe the kaleidoscopic forms, actions and relationships **that water systems offer in a dimension of sustainable development** with regards to environmental, economic and socio-cultural aspects. **The lessons will be held by university professors, qualified experts from different disciplinary fields and with a high international scientific profile.**

The objectives of the courses aim at acquiring in-depth knowledge and specific skills on the issues of water in relation to the environment (natural frameworks, opportunities and risks), to the territory (planning, management, development and control) and to the landscape (tourist, cultural and social enhancement). The educational activities will make use of innovative experiences through the use of new technologies, laboratory activities and scientific excursions in the Rieti area.

Scientific Committee:

M. G. Grillotti Di Giacomo (President of the Interuniversity Research Group Association GECOAGRI LANDITALY, University Campus-BioMedico, Rome)

E. Cejudo Garcia (Department of Human Geography, University of Granada)

T. Dax (Federal Institute for Less Favoured and Mountainous Areas Vienna, Austria)

P. De Felice (Department of Studi Umanistici/DIPSUM, University of Salerno)

M. Labianca (Department of Economics, University of Foggia);

M. Petitta (University La Sapienza, Rome)

I. Varraso (Department of Economics, University of Foggia).

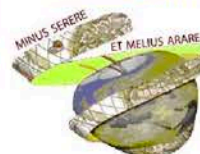


Summer
School

FOR PHD STUDENTS AND
YOUNG RESEARCHERS

Sustainable governance of water resources in response to the growing thirst for water and energy

GECOAGRI



LANDITALY

ACADEMIC YEAR

2021/2022

SCIENTIFIC COORDINATOR

Pierluigi De Felice: pdefelice@unisa.it

ORGANIZING COMMITTEE

M. G. Grillotti Di Giacomo (President of the Interuniversity Research Group Association GECOAGRI-LANDITALY)

P. De Felice (Department of Studi Umanistici/DIPSUM, University of Salerno)

M. Labianca (Department of Economics, University of Foggia)

I. Varraso (Department of Economics, University of Foggia)

Acqua Pubblica Sabina

MINIMUM NUMBER OF STUDENTS ADMITTED

4/10

SCHOLARSHIPS (FREE)

3

ADMISSION REQUIREMENTS

Graduate students; PHD or young researcher

EDUCATIONAL OBJECTIVES

Acquire in-depth knowledge and specific skills on water issues in relation to: the environment (natural frameworks, opportunities and risks), to the territory (planning, management, development and control) and to the landscape (tourist, cultural and social enhancement).

The educational activities will make use of innovative experiences through the use of new technologies, laboratory activities and scientific excursions in the Rieti area

EXPECTED LEARNING OUTCOMES	<p><i>At the end of the course the participants will have:</i></p> <ul style="list-style-type: none"> - enriched their knowledge and skills of the main issues and problems of water resources both in the environmental, economic, managerial and cultural areas, also using specific tools and operating techniques; - established relationships with institutions, companies and administrators; - acquired interest and sensitivity in the governance of the water resource
DATES	29-30-31 August 2022
COURSE DESIGN	6 lessons scheduled in 3 days with field work
DELIVERABLES	Intermediate and final reports acquired by the “Centro Cuore Blu”
USE OF RESULTS AND DISSEMINATION ACTIONS	The materials produced by the participants will be enhanced through publications, exhibitions and other scientific activities of the GECOAGRI-LANDITALY Interuniversity Research Group
METHOD OF THE TEACHING	In presence
TEACHERS	<p>M. G. Grillotti Di Giacomo (GECOAGRI-LANDITALY) M. Petitta (University La Sapienza, Rome) N. Colonna (ENEA) L. Spagnoli (CNR) M. Labianca (University of Foggia) P. De Felice (University of Salerno) qualified experts from CNR and ENEA, APS, other teachers and experts</p>
VENUE	<p>Centro Cuore Blu via Cintia, 102 Rieti, Italy</p>
SUBSCRIPTION FEE	200 Euros
CONTACTS	<p>pdefelice@unisa.it (+39-3495753750) centrocuoreblu@gecoagrilanditaly.it</p>





I Module
Marco Petitta (La
Sapienza University, Rome)

The water resource between opportunities and risks

Action

Inspections of hydrographic sites of considerable interest, field work

Results

Intermediate Report

II Module
Nicola Colonna
(ENEA)

The governance of the water resource between impacts and sustainability

Action

Visit to the springs of Peschiera and the Piana di San Vittorino, field work

Results

Intermediate Report

III Module
Luisa Spagnoli
(CNR)

The water resource between nature and culture

Action

Visit to the historical landscape of the city of Rieti to discover the relationship between resource / population / urban development

Results

Intermediate Report

Enhancement of the Summer School organized by the GECOAGRI-LANDITALY Interuniversity Research Group

The Summer School will have visibility at national and international level. See European Summer School in Europe portal (<https://www.summerschoolsineurope.eu/course/17162/sustainable-governance-of-water-resources-in-response-to-the-growing-thirst-for-water-and-energy>)

International Summer

Water for life and Sustainability

FOR SECONDARY SCHOOL
AND UNIVERSITY STUDENTS



ACADEMIC YEAR

2021/2022

SCIENTIFIC COORDINATOR

Marilena Labianca: marilena.labianca@unifg.it

ORGANIZING COMMITTEE

M. G. Grillotti Di Giacomo (President of the Interuniversity Research Group Association GECOAGRI-LANDITALY)

P. De Felice (Department of Studi Umanistici/DIPSUM, University of Salerno)

M. Labianca (Department of Economics, University of Foggia)

I. Varraso (Department of Economics, University of Foggia)

Acqua Pubblica Sabina

MINIMUM NUMBER OF STUDENTS ADMITTED

8

SCHOLARSHIPS (FREE)

4

ADMISSION REQUIREMENTS

Students (secondary school, university), young experts from different countries

EDUCATIONAL OBJECTIVES

The International Summer School “Water for life and sustainability” aims to investigate the water resource from an interdisciplinary and applicative approach, trying to explore the complex relationships between water, resources and the environment. The aim of the Summer School is to provide students, experts and interested people with knowledge and acquisition of application skills to understand the functions, management models, biochemical properties, different forms of water use and the complex relationships of human communities with the environment from multiple points of view (medical, tourism, ecological, cultural). The teaching activities, through an interdisciplinary approach, will make use of innovative experiences through the use of new technologies

EXPECTED LEARNING OUTCOMES

At the end of the course the participants will have: enriched their knowledge and skills of the main themes and problems of water resources both in the environmental, economic, managerial and cultural areas using specific tools; acquire basic concepts and application skills to understand and interpret aspects of water management with a view to sustainability

DATES

1-2-3-4 September 2022

COURSE DESIGN

4 days

DELIVERABLES

Intermediate and final reports acquired by the “Centro Cuore Blu”

USE OF RESULTS AND DISSEMINATION ACTIONS

The materials produced by the participants will be enhanced through publications, exhibitions and other scientific activities of the GECOAGRI-LANDITALY Interuniversity Research Group



METHOD OF THE TEACHINGOnline

TEACHERS

M. G. Grillotti Di Giacomo
(GECOAGRI-LANDITALY President)
N. Colonna (ENEA)
P. Di Carlo (GECOAGRI-LANDITALY)
M. Labianca (University of Foggia)
L. Nicoletti (University of Salento)
M. Petitta (La Sapienza University, Rome)
M. Santonico (University Campus Biomedico, Rome)
I. Tozzi (GECOAGRI-LANDITALY)
I. Varraso (University of Foggia)

VENUECentro Cuore Blu
via Cintia, 102 Rieti, Italy

SUBSCRIPTION FEE200 Euros

CONTACTSmarilena.labianca@unifg.it (+39 3402998265)
centrocuoreblu@gecoagrilanditaly.it

Activity Plan TRAINING

INTERNATIONAL SUMMER FOR SECONDARY SCHOOL AND UNIVERSITY STUDENTS

WATER FOR LIFE AND SUSTAINABILITY



I Module
Marco Santonico
**(University Campus Biomedico
Rome)**

Analysis and monitoring of the water resource.
Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

II Module
Isabella Varraso
(University of Foggia)

Organizational, economic and management aspects of the
water resource.
Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

III Module
Marilena Labianca
(University of Foggia)

Analysis of documentary sources relating to water resources and relations with the agricultural landscape through open access databases, elaborations and thematic cartography. Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

IV Module
Marco Petitta
(La Sapienza University, Rome)

Main concepts and applications of hydrogeology
Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

V Module
Liberata Nicoletti
(University of Salento)

Water as a resource for health and well-being.
Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

VI Module
Ileana Tozzi
(GECOAGRI-LANDITALY
Interuniversity Research Group)

Water as a historical-cultural factor in the organization of the territory. Examples of applications to concrete cases

Intermediate results

Summary report/applications proposed by the teacher

VII Module
Nicola Colonna
(ENEA)

Water ecology (pollution, drought, risks).
Examples of application to concrete cases

Intermediate results

Summary report/applications proposed by the teacher



VIII Module
Piero Di Carlo
(GECOAGRI-LANDITALY
Interuniversity Research Group)

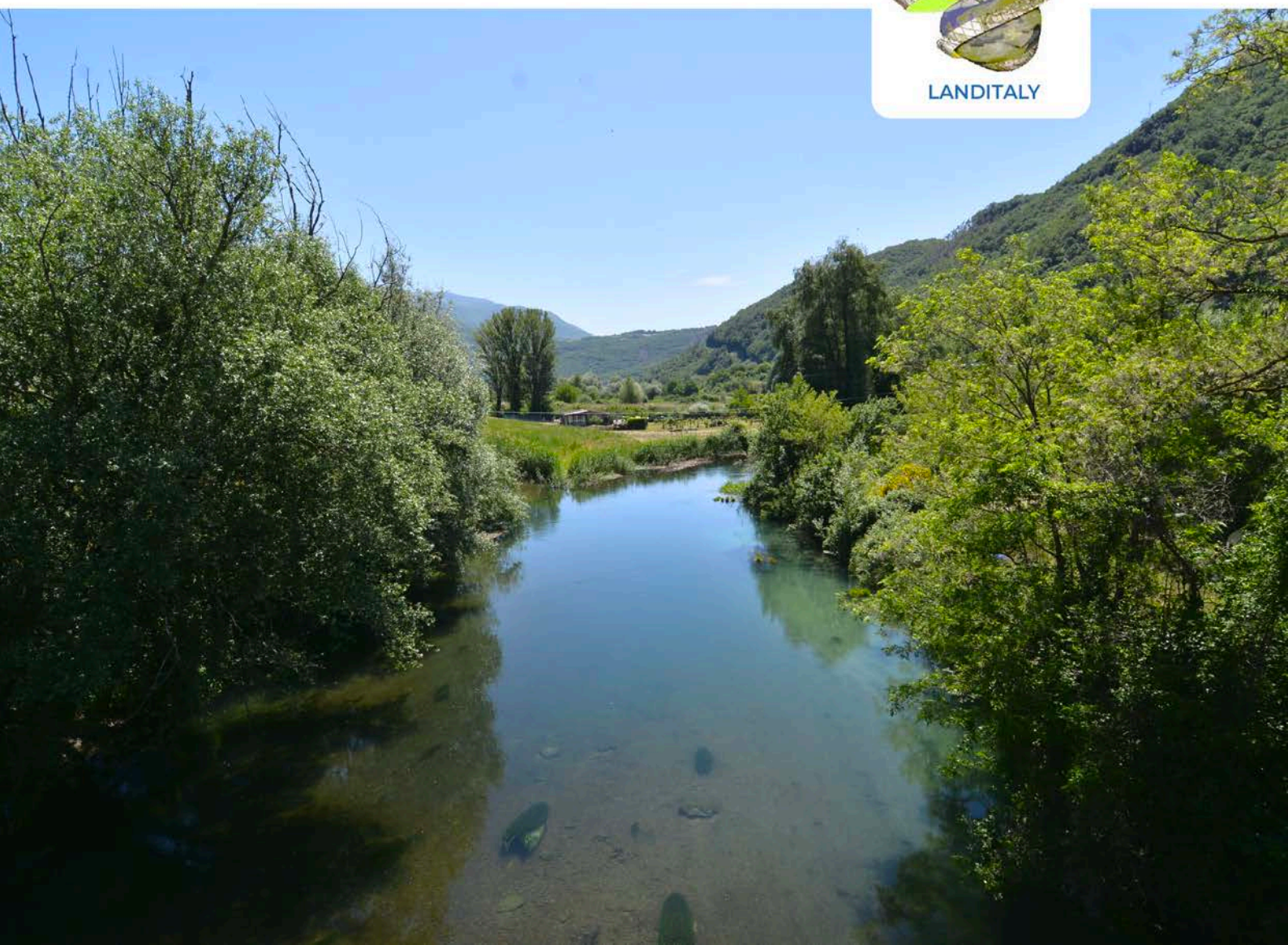
Hydro-Virtual Tour, didactic-scientific excursion on the extraordinary hydrographic concentration present in the Rieti territory. Augmented reality will be used on the three main areas

Intermediate results

Summary report/applications proposed by the teacher

Enhancement of the Summer School organized by the GECOAGRI-LANDITALY Interuniversity Research Group

The Summer School will have visibility at national and international level. See European Summer School in Europe portal:
(<https://www.summerschoolsineurope.eu/course/17163/water-for-life-and-sustainability>)



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2021
2022

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