



## 2014 DIANET INTERNATIONAL SCHOOL

*The role of natural heritage for the sustainable development of the Danube Region*

Gorizia March 22<sup>nd</sup> – 31<sup>st</sup>, 2014

Call for applications

Humankind is facing grand challenges. “Sustainable Development” is a shorthand for addressing these challenges. While decades of efforts have brought progress in some areas, the overall necessary transformation has not been adequately addressed. Interdisciplinary teamwork is a prerequisite for sustainable development, in particular, if the specific challenges of a region are to be taken into account. To address the challenges of the future, the legacies of the past have to be considered, something which is missing from a lot of sustainability-oriented teaching and research.

In the period 2013-2015, the University of Trieste in cooperation with Alpen-Adria-Universität Klagenfurt, BOKU Vienna (University of Natural Resources and Life Sciences) and University of Novi Sad offers a unique opportunity for young career researchers to familiarize themselves with issues pertinent to the sustainable development of the Danube River Basin. While the first edition in 2013 was dedicated to “Interdisciplinary Methods for the Sustainable Development of the Danube Region”, the 2014 edition will focus on “The Role of Natural Heritage for the Sustainable Development of the Danube Region”. In 2015 cultural heritage will be the main topic.

PhD Students and Post-Doc Research Fellows from AARC and DRC Universities from all countries of the Danube Basin are welcome to apply for one, two or all three schools. The organizing universities will issue a certificate of 3 ECTS for the completion of each school.

In 2014, two full-day excursions to the area of Idrija (Isonzo/Soca river, Idrija, mercury mining and pollution, day 1) and to the area of Cona Island (Isonzo mouth) and Lagoon of Grado (day 2), will offer a unique opportunity for students to engage with the sustainability challenges of river basins. During two lecture days the role of natural heritage in sustainable development will be presented and discussed from different perspectives. The second half of the school is dedicated to group work by students. Student groups will identify a project they want to develop throughout the school. Group presentations with direct feedback by an evaluation committee will end the experience.

The expertise of the involved institutions, University of Trieste, BOKU and Alpen Adria Universität Klagenfurt will ensure high scientific standards and a true facilitation of interdisciplinary student groups. Lecturers from the universities of AARC and DRC (organizing universities and other universities of the Network) and experts from FVG Regional Authorities for environmental sustainability will ensure that students get up-to-date, place-specific instruction. The School covers a wide range of subjects and teaches the management of interdisciplinary projects. Students will receive training in Ecology and Environmental Sciences, and Sustainability and Nature Conservation, and discussion will be developed based on case studies.



DIAnet 2014 can be offered to you at minimal cost, living expenses as well as tuition being covered by the European Social Fund. You might also be eligible for travel assistance by your home university.

This is a unique opportunity to learn and interact in interdisciplinary groups with a high-level international faculty. English is the only official language of the School.

The Proceedings of the 2013 DIAnet International School can be downloaded directly from the project website ([www.danubefuture.eu](http://www.danubefuture.eu) >> DIAnet School >> 2013 edition).

## WHERE

The DIAnet International Schools are held in the beautiful town of Gorizia, Italy.

The School facilities in Gorizia are fully accessible to disabled people.

## DRAFT PROGRAMME:

DAY/TIME	ACTIVITY TYPE/TOPIC	TEACHER
<b>22 SATURDAY</b>	<b>WELCOME AND INTRODUCTION</b>	
afternoon	Introduction of the 2014 Dianet Int. School - The role of natural heritage for the sustainable development of the Danube Region	Prof. Alberto Pallavicini (Uni Trieste) Dr. Gertrud Haivogl (BOKU Vienna)
<b>23 SUNDAY</b>	<b>EXCURSION 1 – ECOLOGY AND ENVIRONMENTAL SCIENCES</b>	
all day	Idrija mine and Idrica river basin	Prof. Marco Contin (Uni Udine) Dr. Gregor Torkar (Uni Nova Gorica)
<b>24 MONDAY</b>	<b>LECTURES – ECOLOGY AND ENVIRONMENTAL SCIENCES</b>	
morning	L1: Lagoons and estuaries: the physical environment  L2: Drinking ground water systems, vulnerability and possible contamination from human activities	Prof. Giorgio Fontolan (Uni Trieste)  Prof. Luca Zini (Uni Trieste)



afternoon	L3: Past and future development options for urban floodplains L4: Hydromorphological changes of the Danube river L5: Biomonitoring freshwater quality	Prof. Thomas Hein (BOKU Vienna) Dr. Severin Hohensinner (BOKU Vienna) Dr. Elisabetta Pizzul (Uni Trieste)
<b>25 TUESDAY</b>	<b>EXCURSION 2 – SUSTAINABILITY AND NATURE CONSERVATION</b>	
all day	Cona Island and Lagoon of Grado	Dr. Fabio Perco (SBIC) Prof. Pier Luigi Nimis (Uni Trieste)
<b>26 WEDNESDAY</b>	<b>LECTURES – SUSTAINABILITY AND NATURE CONSERVATION</b>	
morning	L6: Genetic conservation of freshwater fishes L7: Perspectives on Balkan biodiversity: case studies of genetic diversity conservation	Prof. Alberto Pallavicini (Uni Trieste) Prof. Elena Bužan (Primorska Koper)
afternoon	L8: Protected areas as an essential part of sustainable development L9: Agriculture, agricultural crops and biodiversity L10: Global Change and sustainable development	Prof. Heike Egner (AAU Klagenfurt) Prof. Heinrich Grausgruber (BOKU Vienna) Prof. Helga Kromp-Kolb (BOKU Vienna) - <i>tbc</i>
<b>27 THURSDAY</b>	<b>WORK GROUP INTRODUCTION</b>	
morning	L11: Project management of interdisciplinary projects L12: Designing trans-disciplinary projects for sustainable development Introduction to group work	Prof. Luca Brusati (Uni Udine) Prof. Verena Winiwarter (AAU Klagenfurt) Willi Haas (AAU Klagenfurt)
afternoon	Work group & Final daily comments	



<b>28 FRIDAY</b>	<b>WORK GROUP</b>
morning	Work group
afternoon	Work group & Final daily comments
<b>29 SATURDAY</b>	<b>WORK GROUP</b>
morning	Work group
afternoon	Work group & Final daily comments
<b>30 SUNDAY</b>	<b>WORK GROUP</b>
morning	Work group
afternoon	Self-managed work time
<b>31 MONDAY</b>	<b>CONCLUSIONS</b>
morning	Work group presentations Feedback & greetings

Other experts will be involved in the lectures and excursions.

Willi Haas (Alpen-Adria-Universität Klagenfurt) is the work group facilitator.

More information about teachers and programme, and about Gorizia, can be found in the official website: [www.danubefuture.eu](http://www.danubefuture.eu) >> DIAnet SCHOOL >> 2014 Edition.



## APPLICATION PROCEDURE

Every candidate has to send the completed Application form, and a Europass CV, to his/her Institution by the deadline set by the same Institution.

The Institution will select and rank its candidates and forward the final list to the Organizing Committee by December 6<sup>th</sup> 2013.

The candidates will be selected by the Organizing Committee of the School: preference will be given to PhD students and to recent post-docs.

Participants will be notified by December 20<sup>th</sup> 2013. In case of withdrawal, the next person on the list will be chosen. The selected participants will then receive instructions about registration, and the deadline to register is January 14<sup>th</sup> 2014.

## SCHOOL RULES

### 1. SCHOOL ORGANIZATION

The Organizing Committee of the School is composed by:

Prof. Alberto Pallavicini, as Director  
Dr. Gertrud Haidvoogl, as Leader  
Prof. Verena Winiwarter  
Prof. Mauro Tretiach

Staff by the University of Trieste.

### 2. REQUIREMENTS FOR APPLYING

The DIAnet School is open to PhD Students and to Post-Doc Research Fellows who study or work at one of the AARC or DRC Universities. Due to requirements by ESF, there is an age limit of 40.

The candidate has to fill in the Application Form and attach a Europass CV.

### 3. SERVICES OFFERED BY the University of Trieste

With the financial support of the European Social Fund and the CARIGO Bank Foundation, the University of Trieste offers to participants:

- lodging in a student hostel for the full duration of the school;
- lunch, dinner and coffee breaks;
- free tuition (there are no application fees).

Travel costs are not included.

### 4. ATTENDANCE

The 2014 DIAnet International School has a duration of 10 days: 7 full days (7.5 hours of activity) and 3 half days. The DIAnet International Schools are funded by the European



Social Fund which defines very precise criteria for attendance and funding of participants. These criteria are:

- a. Participants have to attend all activities of the schedule.
- b. Participants have to register by Saturday 22<sup>nd</sup>, 16.00. Only in case of well justified reasons (e.g. public transport connections) a participant is allowed to be registered by the evening of Saturday 22<sup>nd</sup> and to check out on Sunday 30<sup>th</sup> evening.
- c. In case of absence from the School due to illness, a participant has to send a mail to the DIAnet staff to justify his/her absence.
- d. Participants have to sign their presence each day (and every time the DIAnet Staff needs a signature in an official registry). The DIAnet Staff is in charge of the official registries.

#### 5. SCHOOL CERTIFICATES

All participants will be awarded an Official Certificate of Participation to the 2014 School edition, stating the 3 ECTS credits granted by the Organizing Committee.

At the end of the School, all participants who attended the School activities, may ask for an Attendance Certificate to certify their actual presence at the School.

#### 6. PROCEEDINGS

At the end of the School, the University of Trieste will prepare and publish the proceedings of the edition. Participants grant the right to the University of Trieste to disseminate documents prepared by them during the School and to indicate participants' names.

#### 7. OTHER INFORMATION

The participants have to register at the official website: [www.danubefuture.eu](http://www.danubefuture.eu) >> user/register, and upload the personal documents requested in the registration form.

After the registration, and by March 17<sup>th</sup> 2014 at the latest, the participant has to send the completed ESF questionnaire of the FVG to the DIAnet staff. It asks for some personal information necessary for the FVG Region's statistics on co-financed actions.

At the end of the School, all participants will be asked to complete the Participants' Feedback Questionnaires.

#### 8. ACCEPTANCE OF THE RULES

By applying the candidate declares to know and accept the rules of the School.

Should you require further information, please contact [dianetschool@units.it](mailto:dianetschool@units.it).