



## ***Blended Intensive Training Program Water management and remote sensing for sustainable agricultural intensification***

### **ART. 1 - Indiction**

The Department of Agricultural, Food, Environmental and Forestry Sciences and Technologies (DAGRI), with the support of the IHEA Foundation (<https://fondazioneihea.it>) and in collaboration with the University of Carthage, establishes the Blended Intensive Training Program entitled "Water management and remote sensing for sustainable agricultural intensification" tailored for Ph.D. students and researchers.

The program, focused on innovative concepts and technologies for the sustainable management of water resources, includes integrated training on the link between water and food security. It will be structured with:

- a series of online sessions (remote seminars) from 16th November to 8th December 2023
- a week of in-person training in Tunis in January 2024 at the University of Carthage, provisionally at the Institut National Agronomique de Tunisie (INAT).

The maximum number of participants is 26, the program will not start with less than 10 participants.

The Program will cover the following topics:

- Sustainable water resources management, water-energy-food-ecosystems nexus and ecosystem services (**module WEFE**)
- Use of non-conventional waters for sustainable water management (**module NCW**)
- Assessment of the impacts of climate change on water systems (**module CCWS**)
- Remote sensing technologies and applications for water management (**module RSWM**)

At the end of the Program, participants will be able to:

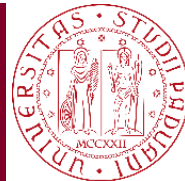
- Constitute and/or consolidate specific knowledge around water-related challenges according to the topics addressed
- Achieve a global dimension in their research on water management and sustainable agriculture in a current context of accelerating socio-environmental changes
- Build a network of potential contacts with international experts

The administrative fees for the 26 students selected will be paid by the IHEA Foundation. Any expenses for travel, food and accommodation will be borne by the individual participants.

Participants who complete the entire course program (48 hours) will be able to be recognized with 6 CFU (training credits according to the Italian system).

### **ART. 2 - Application for participation**

The application for participation in the program must be send to DAGRI by 5/11/2023 via e-mail to [didattica@dagri.unifi.it](mailto:didattica@dagri.unifi.it) having by subject "Intensive Training Program Water Management". Applications submitted with different times and methods will not be accepted.



The documents to be provided with the message (possibly in .pdf format) are:

- A description of your research project of 500 words maximum, written in English.
- An updated English CV with a scanned copy of relevant supporting documents in the attachment.
- A language certificate (level B2 in English or equivalent), or proof of previous studies held in English.
- A motivation letter written in English.
- Proof of the status of the applicant (letter/certificate of the University or of the research center for researchers, or a certificate of registration for the Academic Year 2023-2024 for doctoral students).
- A valid identity document.

### ART. 3 - Recipients

The course is open to:

- Enrolled Ph.D. students
- Researchers employed in University or Research Centers

### ART. 4 - Commission

The Selection Commission, appointed by decree of the Director of DAGRI, will be composed of 3 members selected among the Researchers and Professors of the Universities of the IHEA Foundation and the University of Carthage. The selection of candidates will be carried out on the basis of the application submitted.

### ART. 5 - Evaluation criteria

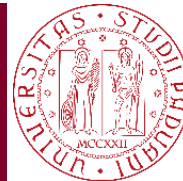
Applications will be evaluated according to the following criteria:

- Age (maximum 5 points – 30 years or lower: 5 points, from 31 to 35 years: 3 points; from 36 to 40 years: 1 point; others: 0 points)
- Suitability of the research project with the general topic of the event (maximum 5 points)
- CV (maximum 10 points – Academic CV: maximum 5 points; Professional CV: maximum 5 points)
- Motivation expressed with the motivation letter (10 points)

The results of the final evaluation will be communicated by the Commission through a specific report, to be sent to the Director of DAGRI for the approval. The judgment of the Commission is final.

### ART. 6 - Ranking of admitted students

A ranking will be established by the Commission to fill the 26 available places. A strict 50-50% gender balance rule will be applied (namely, after the selection of 13 candidates of one gender, the other candidates of the same gender will not be considered until 13 candidates of the second



gender are selected or until they are no other candidates of the second gender). In case of a tie, the youngest candidate will be preferred.

The final ranking, drawn up based on the results of the evaluation made by the Commission of selection, will be deliberated with a specific decree of the Director of DAGRI, and will be announced by publication on the website of the Department ([www.dagri.unifi.it](http://www.dagri.unifi.it)). Selected candidates will be informed, by e-mail, of the results of their applications.

#### **ART. 7 - Publicizing the announcement**

This announcement, as well as any further information, changes or additions to the same, will be announced by publication on the Department's website ([www.dagri.unifi.it](http://www.dagri.unifi.it)) and the website of the University of Carthage (<https://ucar.rnu.tn>).

#### **ART. 8 - Treatment of personal data**

Personal data transmitted with the request for admission to the competition announcement, pursuant to Legislative Decree 10 August 2018, n. 101 containing "Provisions for the adaptation of national legislation to the provisions of EU Regulation 2016/679 (GDPR) of 27 April 2016, concerning the protection of natural persons with regard to the processing of personal data, as well as the free circulation of such data and repealing Directive 95/46 / EC (general regulation on data protection)" will be processed for the purpose of managing the selection procedure. The interested parties may at any time exercise their rights under the aforementioned legislation.

#### **ART. 9 - Responsible for the procedure**

The person in charge of the procedure is Riccardo Martelli of DAGRI - Piazzale delle Cascine n. 18, Firenze - e-mail: [riccardo.martelli@unifi.it](mailto:riccardo.martelli@unifi.it).

The Director of the Department  
Prof. Simone Orlandini

