

CALL FOR TWO POST-DOCTORAL POSITIONS AT CNR-IRET

Study of biosphere-atmosphere interactions of an urban forest within the Real Bosco of Capodimonte in Naples (Italy).

We are looking for highly motivated individuals for two Post-Doc positions focusing on trace gases fluxes measurement and analysis by mean of eddy covariance technique.

The ideal applicant should have:

- a strong quantitative and technical background in ecology, biogeosciences, micrometeorology or similar fields
- previous experience on the application of eddy covariance technique and large dataset analysis
- the ability to work independently and effectively as part of a team

Within the framework of ICOS program (www.icos-cp.eu), the project aims to study forest interactions with the urban environment (mainly air chemistry composition) and the environmental services provided.

Specific activities will be:

- The involvement to the implementation of the eddy covariance station
- The participation to the routine checks and maintenance plan of the station
- Take part to the ICOS community
- Trace gas flux measurements and analysis
- Writing of scientific papers

SELECTION CRITERIA

Interested candidates are requested to submit:

- a **cover letter** explaining the applicant's motivation for answering this call, briefly stating what contribution she or he could bring to the research
- a **comprehensive and detailed CV**
- a list of **relevant publications**
- the List of **fields of expertise/specialization** with a consolidated and proven experience with **eddy covariance technique**

NET SALARY

The net salary will be set according to the Italian Law for postdoctoral positions (Assegno di Ricerca) ranging from 25000 to 30000 € per year depending on qualification. The position will be one or two years function of the profile and motivation.

WORKING ENVIRONMENT AND SELECTION PROCEDURE

The candidate will work in the Institute of Research on Terrestrial Ecosystems (IRET) of the National Research Council (CNR), in the section of Naples and Porano (TR), Italy (www.iret.cnr.it).

The candidate will work in the interdisciplinary Team led by Dr. Carlo Calfapietra, Director of the Institute, who is the Italian Focal Point of ICOS and coordinates the Italian Network of ICOS. He also has a recognized international leadership in the field of Nature Based Solutions, Green Infrastructure and Sustainability of Urban environment (www.carlocalfapietra.com). The Team will be also responsible for the selection procedure.

DEADLINE AND CONTACTS

Applications will be collected until position is filled. The research is expected to start in the Summer-Fall 2021 when a suitable candidate is selected. To send applications and for any inquiry, please contact Dr. Carlo Calfapietra (carlo.calfapietra@cnr.it) and Dr. Gabriele Guidolotti (gabriele.guidolotti@cnr.it).