

Scheda di dottorato 37 ° ciclo – Bando PON “Ricerca e Innovazione” 2014 – 2020



UNIONE EUROPEA
Fondo Sociale Europeo



PROGRAMME'S NAME	INNOVATIVE TECHNOLOGIES AND SUSTAINABLE USE OF MEDITERRANEAN SEA FISHERY AND BIOLOGICAL RESOURCES (FISHMED-PhD)
CONVENTIONED PARTIES	National Research Council (Consiglio Nazionale delle Ricerche – CNR)
DURATION	3 years
PROGRAMME START DATE	01/01/2022
LANGUAGE	English, Italian
COORDINATOR	Prof. Stefano Goffredo (s.goffredo@unibo.it)
CURRICULA	N/A
RESEARCH TOPICS	Detailed list at the bottom of the present document
PHD POSITIONS	1
ADMISSION PROCEDURE	Qualifications and research proposal evaluation

Available Positions and Scholarships

Actions	Post o n.	Financial Support	Research Topic
Action IV.5 – “PhDs on green topics”	1	PhD Scholarship	Interactions between human disturbance and non-indigenous species in the restoration of coastal marine habitats

Required and Supporting Documents to be attached to the application

(only documents in Italian, English, French, German and Spanish shall be considered as valid and be assessed by the Admission Board)

Only qualifications obtained during the last 5 calendar years shall be taken into consideration, except for the University Degree. **The Admission Board will assess the relevance of the supporting documents to the criteria listed in Art. 3 of the Ministerial Decree 1061/2021 (see also Art. 4 of the Call for applications).**

REQUIRED DOCUMENTS	
Identity document	Valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae	No specific CV format is required
Degrees	Documents attesting the awarding of the first and second cycle degrees (see Art. 3 of the Call for Applications)
Research proposal	Multi-annual research proposal that the applicant proposes to carry out within the PhD programme. The proposal must meet the following requirements: <ul style="list-style-type: none"> - it must have a minimum length of 7,000 characters and a maximum length of 20.000 characters, including spaces and formulas, if present. This figure does not include: the title, the outline, references and images (such as graphs, diagrams, tables etc. - where present); - it must be written following the template provided for Action IV.5 “PhDs on Green topics”. The template is attached to the Call for Application and available for download on the University website.

SUPPORTING DOCUMENTS	
Publications	Lists of publications (i.e. monographs, articles on scientific journals), minor publications (conference papers, etc.), abstracts and posters presented during national and international conferences, etc.

Evaluation criteria

The results of the evaluation of qualifications and of the research project will be available from **03/11/2021** on [Studenti Online](#) (select “summary of the requests in progress” > “see detail” and open the .pdf file at the bottom of the page). No personal written communication will be sent to applicants concerning the evaluation results.

Scores will be expressed in points out of 100, as follows.

Minimum score for eligibility: 60 points

Qualifications evaluation	University degree final mark. Graduands shall be evaluated according to the Weighted Average Mark (WAM)	10 points max - 10 points for 110 and honours - 8 points for 109 to 110 included - 6 points for 105 to 108 included - 4 points for 101 to 104 included - 3 points for 95 to 100 included
	Publications	10 points max - 3 points for each publication in ISI / Scopus journals; - 1 point for conference proceedings, for both oral and poster communications at Congresses or other publications
Research proposal evaluation	Scientific value and innovative nature of the proposal	20 points max
	Ability of the project to encourage the synergy between research and the productive world	20 points max
	Identification of parameters allowing the measurability of expected results	20 points max
	Adherence of the proposal to the objectives of the Action PON R&I 2014-21	20 points max

Research Topics

n. 1 - GREEN

Thematic area SNSI 2014-20	5.3.4. Blue Growth - Smart and sustainable industry, energy, and environment (Development trajectory: Innovative and environmentally friendly materials) - Tourism, cultural heritage, and creativity industry (Development trajectory: Technologies and applications for the conservation, management, and enhancement of cultural, artistic and landscape heritage)
PNR 2021-2027*	Great scope of research and innovation: food products, Bioeconomics, Natural Resources, Agriculture, Environment Ambit 6.5: Knowledge, technological innovation, and sustainable management of marine ecosystems Articulations: 1. Knowledge of marine ecosystems and the coastal areas 3. Infrastructural innovation for the development of a new sustainable marine economy 4. New models for the sustainable development of marine resources 5. Observation tools for the understanding of the marine and coastal ecosystems

Project title	Interactions between human disturbance and non-indigenous species in the restoration of coastal marine habitats
Project description	The PhD aims to analyse the interactions among anthropogenic disturbance, climate change, and non-indigenous species in coastal marine subtidal habitats (e.g., harbours, lagoons, sandy and rocky shores) to improve nature-based solutions for their conservation and restoration. It will run in collaboration with companies dealing with coastal development and blue growth and comply with the UN Sustainable Development Goals (14.2), EU Green Deal and Biodiversity Strategy, the current Italian PON (Action IV.5), PNR (Ambito 6.5, Art.1-3-4-5) and SNSI (5.3.4 Blue Growth).
Mandatory traineeship	6 months
Company type	Company with an international profile that deals with the design and implementation of eco-sustainable and environmentally friendly solutions for the coastal defence, the conservation and restoration of coastal habitats, as well as for the monitoring of these environments.
Stay abroad	6 months

*the translation of PNR 2021-2027 has been carried out by the PhD Unit