BRIDGE-BS

Blue Growth Incubators | Service Dynamics | Empowered Citizens

CALL FOR PHD POSITION WITHIN BRIDGE-BS PROJECT

PROGRAM ON SUSTAINABLE BLUE GROWTH IN THE BLACK SEA

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BRIDGE-BS: Advancing Black Sea Research and Innovation to Co-Develop Blue Growth within Resilient Ecosystems project aims to advance the Black Sea's marine research and innovation to codevelop Blue Growth pathways under multistressors for the sustainable utilisation of the ecosystem services. To do so, it will develop an ecosystem-based management framework to enable policy uptake and foster citizen engagement. BRIDGE-BS will advance knowledge and deliver research under three NODES: Service Dynamics, Blue Growth Incubators and Empowered Citizens. The NODES will be highly interlinked, feeding on and into each other.

The recognition of the importance of these and the significant influence of multistressors on the Black Sea ecosystems and its services emphasised the urgent need to identify synergistic multistressors interactions impacting ecosystem resilience and prioritized a set of actions for 'a healthy, resilient and productive Black Sea by 2030'. In order to boost the Black Sea's blue economy, it is a prerequisite that Black Sea's ecosystem services and their resilience to stressors are assessed, predicted and managed via the development and application of state-of-the-art management tools. One of the crucial objectives of BRIDGE-BS is to develop education and training programmes for upskilling and ensuring the understanding of Blue Growth services by the workforce in the Black Sea.

BRIDGE-BS will launch a novel Blue Growth PhD program, with dual supervision, for the first time, from both the Black Sea and Western Europe institutions. This PhD program will also ensure the transfer of expertise and knowledge between regions, serving as incubators and ideas for future start-ups. It will not only create mobility and enhance the capacity of the Black Sea PhD candidates in Blue Growth but will also provide the best relations between universities and research centers from the Black Sea with similar organisations in Europe.

BRIDGE-BS offers PhD research positions directly supported by the BRIDGE-BS consortium for 3 years (36 months). BRIDGE-BS partners in the Black Sea offer PhD positions at their institutions.

In the template below, you can find relevant information on the available PhD positions under BRIDGEBS and application requirements. **Please refer to the links provided below to read more and apply to the vacancies by sending your application to bridgebs@ims.metu.edu.tr within the given deadlines.** Please be aware that there are different deadlines for different institutions. In your application, clearly state which institution you are applying for in the subject: **''BRIDGE-BS PhD Application for <enter institute's name>''**

PhD Topics & Useful Information for Applications

Institution	BRIDGE-BS related Research topics (FYI: Number means different PhDs)	Application Term (please specify all terms in 2022)	Application requirements (link or briefly list here)	Required skills	Proposed start date
METU (Turkey)	i) **Oceanographic studies** of Black Sea specific biogeochemical and physical dynamics ii) **Assessment and prediction** of Black Sea ecosystems resilience and ecosystem services under the effect of multiple stressors	• Applications for the Spring Semester: 15 December 2021- 25 January 2022 • Applications for the Fall Semester: 25 April – 27 July 2022	Please find details of application criteria to Graduate Programs here on METU-IMS website (http://ims.metu.edu.tr/graduate-programs) As a single PDF file; • CV Europass format • A 2-page (max.) statement of research experience and interests • Names and contacts of at least 2 references	• Excellent knowledge of English (written and oral) • Graduated from fundamental sciences or engineering departments i) **Oceanographic studies**; • Previous experience in a laboratory, fieldwork and computational skills • Having knowledge of the Black Sea specific physical, chemical and biological characteristics ii) **Assessment and prediction**; • Having knowledge of mathematical modelling • Having knowledge of the basic coding • Having knowledge and experience in using programming and visualization platforms such as MATLAB, IDL, R, Python, C++, Fortran are desirable for analysis and visualization	January and September 2022

IO-BAS (Bulgaria)	i) Molecular assessment of fish biodiversity ii) Jellyfish ecology	• 1st announcement if an official permission is received - March (two months duration for application, followed by an exam in the field of the topic and exam in the English language). • 2nd announcement July (with the same procedure till December).	• CV Europass format • MSc in Biology/Ecology or related fields Please find more details of application criterion IO-BAS website: http://io-bas.bg/en/phdannouncements/	• Passing exams in the field of the topic and English grammar • Basic knowledge on biodiversity and ecology	October 2022 January 2023
TSU (Georgia)	i) Environmental economy ii) Human Geography	25 August 2022 – 25 September 2022	• 2 Reference Letters • CV Europass format • Interview by the application panel. • Consent of the prospective supervisor(s); • Written "Prospectus" – short description of actions to be carried out during the doctoral studies; Please find more details of application criteria on **TSU** website: https://www.tsu.ge/en/faculty/FACULTY%20OF%20SOCIAL%20AND%20POLITICAL%20SCIENCES/programs/135	• MSc/MA in relevant topics • Proof of proficiency in Georgian language (through the appropriate certificate or language exam for non-native speakers) • Knowledge of English Language • 3 years of working experience	15 October 2022

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