**University of Milano-Bicocca - PhD Programme in Chemical, Geological and Environmental Sciences - Environmental Sciences curriculum (a.y. 2020/2021): Call for applications**

We are seeking highly motivated candidates for the upcoming PhD Programme - Environmental Sciences curriculum at University of Milano-Bicocca (deadline: 26th June 2020 at 12:00 pm - Italian time).

The PhD Programme in Chemical, Geological and Environmental Sciences receives a variable number of scholarships every year. For the XXXVI cycle, four scholarships are provided to the Environmental Sciences curriculum by the University and the Department of Earth and Environmental Sciences (Dept. Excellence Project 2018-2022).

Three scholarships are available for potential research projects dealing with:

*a.*Effects of climate and extreme events on the distribution and demography of birds

*b.*Artificial Neural Networks (ANNs) applications in Digital Soil Mapping (DSM)

*c.*Bio-Restoration: new biomaterials as innovative approach for Coral reef Restoration

*d.*Biochar for bioremediation

*e.*Evaluation and Mapping of Ecosystem Services in Protected Natural Areas

*f.*Effects of urbanisation on heavy precipitations

*g.*Quantitative Analysis of submarine geomorphological data for multidisciplinary geo environmental studies

*h.*Metal contamination: role in neurotoxicity and neurodegeneration

*i.*Evaluation of the quality of an environment through the analysis and definition of the most suitable acoustic and bioacoustic indicators characterizing the local soundscape

*j.*Factors driving bioaerosol composition and effects

One scholarship is linked to the dept. Excellence project 2018-2022 and deals with:

* Three-dimensional study of the atmospheric heating rate from Equator to the Arctic

Each project includes periods spent abroad in one or more research institutes. For further details, see the Call for Interest at:

<https://www.disat.unimib.it/it/ricerca/dottorato-scga/linee-ricerca> (Italian)

<https://www.disat.unimib.it/en/research/phd-course/research-lines> (English)

<https://www.disat.unimib.it/sites/st12/files/Allegati/Environmental%20Sciences%20-%20Call%20for%20interest%2036%C2%B0%20cycle.pdf> (English)

For the scholarship linked to dept. Excellence project see also:

<https://www.unimib.it/sites/default/files/dottori_di_ricerca/chemical_geological_and_enviromental_sciences_project_36.pdf>

The Call for applications can be found at:

<https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato> (Italian)

<https://en.unimib.it/education/doctoral-research-phd-programmes/how-apply-phd-programme> (English)

For further information, mail to: Prof. Emilio Padoa-Schioppa - [emilio.padoaschioppa@unimib.it](mailto:marco.malusa@unimib.it) (Responsible for the Environmentall Sciences Curriculum), or to Prof.ssa Maria Luce Frezzotti  - [maria.frezzotti@unimib.it](mailto:maria.frezzotti@unimib.it) (Coordinator of the PhD Course)