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I AM LOOKING FOR : A PARTNER (FOR MY PROJECT) A PROJECT TO JOIN

BRIEF DESCRIPTION OF YOUR PARTNER SEARCH (*) (2-3 lines to be published on the website – the complete form will be available to download)

Each ecosystem process including biodiversity is restricted by environmental conditions. Me and my research group are focusing on modelling of the climate change impacts on the terrestrial, and marine ecosystems, analysing the ecological risks, adaptation strategies of the target species, developing new mitigation strategies related to the climate change. For our aims, we are using our own distribution model, and a very well-known Earth System Model.

Please complete the information below depending if you are looking for a partner (to join your project), or a project (you would like to join) – Max 1 page.

DESCRIPTION OF YOUR EXPERTISE /SKILLS

Earth System Modelling, Modelling of Climate Change Impacts on Terrestrial Ecosystems, Modelling of Interactions between Atmosphere-Terrestrial Biosphere-Marine Ecosystems, Modelling of Plant Distribution, Ecosystem Productivity, Collaboration in international projects, FP7 projects, HORIZON2020 projects

DESCRIPTION OF YOUR PROJECT / THE PROJECT YOU WOULD LIKE TO JOIN

Since beginning the industrial revolution, the emission of greenhouse gases (GHG) by anthropogenic activities has been drastically increasing on the entire World. The rapid increase of the GHGs has enormous impacts on the atmosphere and thereby on the Earth's climate and ecosystems. Number of species unfortunately cannot handle with the rapid change of the climate in their habitats and therefore their existence are endangered. In this project, we will aim to determine the physical boundary of the target species and their environmental requirements for modelling of their distribution and species-species interactions. Therefore, the project we would like to join in should have a strong backgrounds in mathematical modelling and understanding of functional ecology.

DESCRIPTION OF THE EXPERTISE/SKILLS YOU ARE LOOKING FOR IN YOUR PROJECT

Skills in understanding mathematical modelling, functional ecology, impacts of climate, terrestrial ecosystem, atmosphere-land interactions, strong background in related fields, experienced in collaboration in EU projects

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