Postdoc position in Conservation Science at the National University of Singapore

I would like to invite applications for a postdoctoral position on conservation science. The position focuses on the study of the impacts of international trade on the biodiversity and sustainability of tropical exporting countries.

Increasing global population and per capita consumption generate strong demand for agricultural products worldwide. High-income countries demand for food is increasingly met by producers beyond their borders, thus "displacing" land from low-income countries. The "tele-connectedness" of agricultural production is a recent and poorly understood phenomenon that can create strong and rapid land-use signals and feedbacks across the planet.

The high speed of these land-use signals and the lack of attachment of consumers with the environmental impacts caused by their consumption pose a fundamental challenge to conservation science today. To overcome this challenge, through this project, we aim to understand how international trade is influenced and influences land-use and impacts biodiversity in exporting regions. We also aim to identify policies that could mitigate the biodiversity impacts of international trade.

The postdoc will contribute to develop bioeconomic models to link land-use to global trade dynamics and biodiversity impacts and is expected to lead article writing. There will also be flexibility to develop new ideas and research questions in the interface between international trade and conservation.

The successful applicant will join the BioEcon Lab at the Department of Biological Sciences of the National University of Singapore. The Department of Biological Sciences has over 60 faculty and 300 graduate students. Facilities and research support are world-class and the university and department are highly regarded internationally.

The postdoc will further interact with project collaborators at the University of Oxford, University of Sheffield, Kansas State University and the Department of Economics of the National University of Singapore.

Funding and requirements

Funding for the postdoc is available for 2 years. The annual salary is £33,700–36,500 British pounds (US$52,600–57,000; Euro 48,000–52,000). Assistance for relocation and medical insurance are also provided.

The candidate would be in the last year or have completed a relevant PhD in disciplines related to Conservation Science, Conservation Biology, Environmental or Agricultural Economics or Geography. Familiarity with statistical or simulation modelling would be considered an advantage.

To apply, please send an up-to-date CV, briefly state your research interests as they relate to the project and describe past modelling experience and software platforms used.

Contact

Please email Dr. L. Roman Carrasco, Assistant Professor, Department of Biological Sciences, National University of Singapore. Email: dbsctlr@nus.edu.sg.
Lab webpage: http://staff.science.nus.edu.sg/~ecoelenlab/index.html

Deadline for applications

1st of June of 2016.