



## Call for applications for a doctoral grant



### Mitigation banking: economic and environmental efficiency

#### Scientific presentation

Biodiversity offsetting accompanies the "No Net Loss" objective, allowing the emergence of "mitigation banks". A market is developing for trading biodiversity credits that allows giving a price to biodiversity. However, issuing and trading biodiversity credits raises several questions regarding their environmental and economic efficiency. If ecological assets are compensable, a methodology to measure biodiversity must be defined. Hence analysing biodiversity compensation requires a close collaboration between economics and environmental sciences. As regards economic efficiency, will tradable credits enable a compensation at a lower cost? Will a "good price" for biodiversity emerge? Should trading rules be implemented to achieve the economic efficiency criterion? The thesis will have to analyse these questions. The main objective of the thesis is to theoretically analyse of mitigation banking whereby contributing to the economic literature of economic instruments for biodiversity conservation.

#### Institutional context

The thesis, which will begin in autumn 2018, will be under the supervision of Pascale Combes Motel (Professor of Economics, University of Clermont Auvergne), Sonia Schwartz (Professor of Economics, University of Clermont Auvergne), Anne Bonis (Research Fellow, CNRS) and Irène Till-Bottraud (Research Director, CNRS). The duration is 3 years. The thesis is funded by the Auvergne Rhône-Alpes Regional Council. It takes place within the framework of the CPER Attrihum challenge and the BIOECO research project entitled "Choosing economic instruments to save biodiversity". The doctoral student will enroll the "Law-Economy-Management" Doctoral School ED245 of the University Clermont Auvergne. He will be assigned to CERDI (Centre d'Etudes et de Recherches sur le Développement International, UMR CNRS 6587 - University of Clermont Auvergne, <http://cerdi.org/> ) and GEOLAB (Laboratoire de Géographie Physique et Environnementale, UMR CNRS 6042 - University of Clermont Auvergne, <http://geolab.uca.fr/>)

#### Profile sought

The candidate must hold a Master's degree in economics or an equivalent title. He must have a solid background in economic theory, more specifically in public economics and environmental economics.

#### Application form

The application file will include a detailed CV, a cover letter, the Master's transcripts, the Master's thesis and possibly a letter of recommendation. Documents must reach Pascale Combes Motel and Sonia Schwartz electronically before Sunday, June 8, 2018. ([pascale.motel.combes@uca.fr](mailto:pascale.motel.combes@uca.fr) and [sonia.schwartz@uca.fr](mailto:sonia.schwartz@uca.fr))

