



Position ECOBAS 02-2018

Predoctoral Researcher in Dynamic Stochastic General Equilibrium (DSGE) models with heterogeneous agents.

Starting Date: 01/03/2018

Duration: 23 months

Remuneration: 32.250 - 39.250 € (a net wage of 1.000-1.260 p.m.) depending on qualification

Workplace: E.U.E.E. Universidade de Vigo

Work description

Project: **REsilience mechanisms for risk adapted FORest management under Climate changE**

Task: Develop and analyze the mathematical models and the numerical methods (finite differences and finite element methods) to simulate the space-time evolution of the optimal responses of the ecosystems to unexpected risks (resilience), including their computer implementation.

Requirements

- Degree: BA / MSc degree
- English: Level B1 or equivalent
- Experience: Relevant training at master level in stochastic calculus, stochastic and partial differential equations, as well numerical methods to solve them and their computer implementation. Some knowledge of financial mathematics tools is welcome.

Evaluation criteria

- **Curriculum vitae (50%)**
- **Interview (30%)**
- **Project portfolio (20%)**

Best candidates (almost two) will be selected for a physical or on-line interview.

Selection committee

- President: José María Da Rocha (PhD, Universidade de Vigo)
- Secretary: Javier García Cutrín (PhD, Universidade de Vigo)
- External Member to the project: Carlos Vázquez Cendón (PhD, Universidade da Coruña)

Candidates should send CV and two recommendation letters to ecobas@uvigo.es

Application deadline: 21h January 12th, 2018