

Call for a Post-doctoral Fellowship in Ecological Economics for the Fapesp-supported project  
“Urban growth, vulnerability and adaptation: social and ecological dimensions of climate  
change on the Coast of São Paulo”

Supervisor: Daniel Joseph Hogan

Period: November 2009-May 2013

This research project on climate change is essentially a collaborative effort between social and ecological sciences. The fellow is expected to complement the research team and reinforce efforts to analyze vulnerabilities, mitigation and adaptation possibilities of cities on São Paulo’s North Coast, with a view toward identifying and proposing more appropriate alternatives for local and regional development. The post-doctoral researcher is expected to work closely with the research team, complementing the work of the sociological, demographic and ecological teams.

Project components in which the fellow will participate include:

1. The evaluation of impacts on Caraguatatuba and its region of the intensive infra-structure development under construction and planned for the immediate future, including estimates of the number of jobs to be created and the skill/salary levels of these jobs; estimates of tax revenues accruing to municipal governments; other changes in the economic structure of these municipalities resulting from expected changes.

2. Projection of population growth and distribution in the region. The post-doctoral fellow is expected to collaborate with the demographers responsible for this work, adjusting the analysis, contributing to a formalization of a model of climate/land use/urban morphology, and adapting the instruments used with the incorporation of economic processes and data. He or she will also participate in the effort to characterize the seasonal population and the development of a methodology to estimate and characterize this population on a regular basis.

3. The analysis of municipal preparedness for changing demands and availability of water for domestic and industrial consumption. The post-doctoral fellow is expected to contribute to introducing more precise data on potential costs for different scenarios of climate change, concerning changing water demands.

4. The analysis of fishing communities’ responses to climate change. The post-doctoral fellow is expected to evaluate alternative employment for traditional fishermen; estimate the evolution of fishermen’s income under different scenarios; and complement the socio-ecological analysis of the communities to be studied.

Candidates should hold a doctoral degree in Ecological Economics, Resource Economics, Environmental Economics or a related field, and should send a curriculum vitae; graduate school

transcripts; and a letter describing experience and interest in this field. While command of Portuguese is not a pre-requisite, the fellow is expected to devote time learning the language.

While the fellow is expected to support project activities (already defined), there is room for the development of an individual project to be carried out simultaneously. The candidate may present a proposal of such a project, to be evaluated as to its relevance to the larger project.

The Fapesp fellowship pays a monthly stipend of R\$ 4.508,10 and a supplement in the value of 15% of the annual award.

Questions prior to submitting required documentation may be directed to Daniel Hogan, [hogan@nepo.unicamp.br](mailto:hogan@nepo.unicamp.br)

**Application deadline: September 30, 2009**