



I-SITE
CLERMONT
Clermont Auvergne Project



UCA
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ÉCOLE DOCTORALE SCIENCES ÉCONOMIQUES,
JURIDIQUES, POLITIQUES ET DE GESTION
Université Clermont Auvergne



Call for applicants - PhD scholarship CERDI/UCA (Full time, 3-years)

.NatDiVu: Natural disasters and socio-economic vulnerability (CERDI, Université Clermont Auvergne, France)

Application deadline: August 31 2019.

Institutional context and funding

NatDiVu is a starting Grant project IDEX/I-SITE CAP 20-25 (<https://cap2025.fr/research/scientific-challenges/disaster-risk-and-socio-economic-vulnerability/>). The main sponsor of this PhD position is the “Centre d’Etudes et de Recherche sur le Développement International” (CERDI, <https://cerdi.uca.fr/>), a leading research center in development economics. NatDiVu is an interdisciplinary project mixing environmental and climate economics, finance (insurance) and socio-psychology research fields.

As part of this project, we are currently recruiting a PhD candidate (start: October 2019). The successful applicant will be offered a 3-years scholarship. Our research team comprised of Michaël Goujon, Sébastien Marchand (environmental and climate economics, CERDI), Selim Mankai (Finance-insurance, CleRMa/IAE, <http://crcgm.uca.fr/lab>), Jean-Claude Croizet (social psychology, LAPSCO, <https://www.lapsco.fr/>) and Etienne Espagne (Senior economist, French Development Agency (AFD), GEMMES Vietnam Project, <https://www.afd.fr/en/page-programme-de-recherche/gemmes-new-modelling-tool-incorporates-energy-transition>).

Research background

Vietnam is particularly vulnerable to natural hazards with a large part of its territory located in low-elevated coastal zones and two large deltas exposed to sea level rise, floods and storms. The World Bank estimates that the annual cost of economic losses from natural disasters is around 1.5 % of GDP. Among these natural disasters, typhoons are particularly destructive and adaptation is seen as a political urgency. However, the question of individuals’ adaptation to typhoons remains largely unexplored. Social, economic, informational and cultural obstacles seem to dampen adaptation measures such as insurance underwriting considered as a usual *ex ante* adaptation tool, particularly in agriculture activities.

In Vietnam, risk management practices against extreme disasters are dominated by informal mechanisms and self-insurance. The main objective of the Ph.D. project is to explore the obstacles to typhoon risk insurance demand taking into account the socio-cultural context. The aim is to gain insight on people's risk perception of extreme disasters and their preferences in terms of management tools, while integrating the socio-cultural dimension. An experimental approach should provide a better understanding of these issues.



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Tasks

- Prepare a PhD thesis and participate in research projects
- Participate in experiments design and data collection
- Conduct qualitative/quantitative fieldwork and analyse the acquired data
- Take advanced doctoral courses
- Attend departmental seminars and lab-group meetings
- Teaching or supervising (under)graduate students
- Strengthening collaborations with existing projects or institutions

Requirements

- Master degree in economics, econometrics or finance with honours
- Excellent oral and written proficiency in English
- Knowledge of Vietnam is an asset
- Experience with geolocalized data/geo-spatial analysis would be an advantage
- Not more than 30 years old at the time of application
- Full dedication to the PhD project

What we offer

A full-time position is available for a duration of 36 months with a net monthly salary approximately of € 1,460. The selected candidate will benefit from the health-care coverage, provided under the social security system. CERDI, based in Clermont-Ferrand, together with other research partners offer an exciting research environment, with working groups and seminars. Clermont-Ferrand is a provincial medium-size town that offers a safe life environment close to the Natural Park of Auvergne Volcanoes (<http://www.auvergne-tourism.com>). The University of Clermont Auvergne gathers 35,000 students with a strong international openness (<http://en.ucaweb.new.uca.fr/>).

Application and selection process

Applications should be sent by email to Sébastien Marchand (sebastien.marchand@uca.fr) with in the subject "PhD application + name".

Applications should include:

- 1) A detailed CV (copies of degree certificates or attestations)
- 2) A copy of the applicant's master dissertation (or a section of an ongoing dissertation).
- 3) A cover letter with a justification of the interest in participating in the project (max. 2 pages)
- 4) A research project the applicant would like to conduct within the NatDiVu project. The document will be 2 to 3 pages long (*time new roman 12pt, single-spaced*) and will include the proposed research question, literature review, some key theoretical references, and the proposed methodology for data collection.
- 5) Two recommendation letters/Two references.



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Two rounds for selection process:

Round 1: Shortlisting of candidates

Round 2: Final selection (interview on September 9, 2019)

Only fully completed applications will be examined by the research challenge/project Executive Committee. An equal opportunity policy in recruitment is applied and University Clermont Auvergne is committed to the European HRS4R policy.