

TEMPLATE FOR ADVERTISING RESEARCH POSTS

based on indications given by par. 4.4.1 of the

"Report of the Working Group of the Steering Group of Human Resources Management under the European Research Area on Open, Transparent and Merit-based Recruitment of Researchers"

Recruiting Department/Research Unit: Department of Economics and Law

Title:

CATASTROPHIC RISK. ECONOMIC AND FINANCIAL IMPACT, RESULTING NEEDS OF EXPOSED PARTIES, PROTECTION DEMAND VIA INSURANCE PRODUCTS AND FINANCIAL INSTRUMENTS TO HEDGE THE INTERMEDIARY'S RISK.

Offer description:

The research activity will start from the analysis of the economic and financial impact of catastrophic risks - first and foremost the seismic one - at a more or less extended territorial level (including the particular reference to the Province of Macerata and the Marche Region). All this, both in terms of an ex ante identification of the impact and a subsequent ex post measurement. Hence, the recognition of the primary and prevailing needs of the parties potentially exposed to the risk deriving from catastrophic events and, as a result, the consequent identification and modelling of ad hoc insurance products to protect against them. This will be followed by a study of the actual feasibility of offering such insurance products, given that their actual distribution by insurance companies will inevitably be affected by the latter's real possibility of hedging the risks underwritten with the different contracts via recourse to more or less complex financial instruments (e.g. Insurance Securitisation, Catastrophic Bonds - Cat-Bonds - and Catastrophic Equity Put Options - CatEPuts).

Researcher career profile:

- *R1 First Stage Researcher (up to the completion of PhD)*

For further details <https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors>

Location: Macerata, Italy

Type of contract:

- *temporary*

Job status

- *full time*

Expected start date and duration of the contract: 12 (twelve) months the exact start date will be provided after the selection process.

Annual gross salary: € 19.367,00

Selection criteria: Master's degree in economics, mathematical-statistical science, political science, physics, geological science

Preferential selection criteria:

- a) PhD in economics, mathematics and statistics, quantitative methods for the analysis and measurement of financial and economic topics, quantitative methods for applied sciences, physics, geological science.
- b) Quantitative and computer skills
- c) good knowledge of the English language.

Application deadline: 10/03/2024, 1 p.m.

Full details are available at: <https://www.unimc.it/it/ateneo/bandi-e-concorsi/finanziamenti-ricerca/bandi-assegni-ricerca>

Enquiries can be made to Ufficio Ricerca Scientifica e Dottorato – ufficio.ricerca@unimc.it

DISCLAIMERS

- The University of Macerata has adopted an OTM-R (Open, Transparent and merit-based Recruitment) policy within the framework of its Human Resources Strategy for Researchers; see <https://www.unimc.it/it/ricerca/hrs4r/la-policy-otm-r-open-transparent-and-merit-based-recruitment-of-researchers>
- The University of Macerata pursues an equal opportunities and diversity policy as well. Among facilities, a kindergarten is available for university's employees. Specific facilities and services are also dedicated to employees with disabilities (transportation services, specific technologies for studying).