Senior Research Scientist
FM Global
Engineering and Research
Norwood, Massachusetts

Reference: 10255

Join a Dynamic, Global Company Committed to Serving Its Clients. There's a wide range of career opportunities at FM Global for talented, driven professionals who value the opportunity to make a difference. We're seeking resourceful problem solvers with strong communications, technology and business skills to support our clients' property insurance, risk management and loss prevention needs. We offer a work environment that's dynamic, rewarding, and encourages professional development. We invite you to explore our worldwide career opportunities.

Responsibilities
The person in this position will be responsible for planning and conducting research regarding natural hazards and catastrophes, the resulting response of structures, and subsequent property losses. He or she will be responsible for analyzing data, including the development of new techniques to identify trends in intensity, frequency and other attributes of natural hazards. Includes managing the interface between corporate databases and model input formats; implementation, evaluation and development of techniques, including computer models and experiments, to predict structural response as required to analyze property loss; preparing reports and presentations that describe the results of studies completed or in progress, the relevance of the results for loss prevention and risk management, and guidance for implementation of prevention and mitigation techniques; development of plans for strategic research that will lead to measurable, significant improvements in the ability to predict future property loss.

Qualifications
This position requires someone with significant research record in a relevant field of natural hazards and catastrophes and structural response to dynamic and static loading; knowledge of mathematical and numerical - including finite element – modeling, probability and statistics, knowledge of model verification and validation principles and practices. This person must have demonstrated project management skills; excellent written and verbal communication skills.

He or she must have a PhD with 5 plus years or master of science degree, with 10 plus years of experience in natural hazards - wind storm, rainfall, climatology, meteorology, earthquakes and resulting property loss; familiarity with databases and data integration issues.

Pay, Benefits, & Work Schedule
FM Global offers its employees a dynamic and challenging work environment that is personally and professionally rewarding. FM Global provides a wide range of growth and advancement opportunities for our employees. Professional development is also an integral part of our philosophy and our employees are encouraged to engage in appropriate training and development courses.

We recognize that employees are our greatest assets and we provide them with a competitive total compensation package, which includes a wide range of attractive benefits, including medical, dental, vision, 401k, pension, disability, life insurance, tuition reimbursement and more.

Equal Employment Opportunity
FM Global values and promotes diversity and is committed to providing an environment in which each individual is respected, supported and rewarded on the basis of personal achievement and contribution. We believe that equal employment opportunity, the diversity of our workforce and focus on employee merit contribute to the strength and success of FM Global.

Please send your resume to
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Human Resources
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