For more than forty years, the National Science Foundation's (NSF), Infrastructure Management and Extreme Events (IMEE) program has supported basic research on societal planning, mitigation, response and recovery in the context of hazards and disasters. In the last ten years, the program has grown strongly multidisciplinary, with core contributions from engineering, social science, and computing sciences, among other areas. This talk describes the program and identifies established and emerging research themes, methods and data within it. Also addressed are current, related research opportunities at NSF. Ample time will be made available for discussion.

Bio

David Mendonca directs the Infrastructure Management and Extreme Events (IMEE) Program at the National Science Foundation (NSF). He is an Associate Professor in the Industrial and Systems Engineering Department at Rensselaer Polytechnic Institute. He is a member of INFORMS, IEEE and the Cognitive Science Society.
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• Post-disaster emergency response & restoration
• Use of statistical & computational models

Selected Service and Accomplishments
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• Instructor, Human performance modeling and support: applications in competitive sports
• Member, INFORMS, IEEE, and the Cognitive Science Society