

Hermann Fritz

Professor, Civil & Environmental Engineering at Georgia Tech College of Engineering
Atlanta, GA, US

Hermann Fritz's research centers on fluid dynamic aspects of natural hazards such as tsunamis, hurricane storm surges and landslides.

Biography

Dr. Hermann Fritz is a professor of civil engineering at the Georgia Institute of Technology (Georgia Tech). He is an expert on tsunamis and coastal hazards, such as hurricane storm surges, landslides and submarine volcanic eruptions, as well as their mitigation and coastal protection. Dr. Fritz has led or participated in more than a dozen post-disaster reconnaissance campaigns encompassing tsunami, hurricane, landslide, and earthquake events. Dr. Fritz's research centers on fluid dynamic aspects of natural hazards such as tsunamis, hurricane storm surges and landslides as well as their mitigation and coastal protection. Dr. Fritz obtained his Doctorate degree (Dr. sc. ETH Zurich) in 2002 from the Swiss Federal Institute of Technology in Zurich (Switzerland).

Areas of Expertise

Fluid Dynamic of Natural Hazards, Hurricane Storm Surges and Landslides, Tsunamis, Coastal Systems

Education

Swiss Federal Institute of Technology
Ph.D. Civil Engineering

Swiss Federal Institute of Technology
M.S. Civil Engineering

Selected Accomplishments

Plinius Medal, Natural Hazards Division, European Geosciences Union (EGU, Munich, Germany)
received at EGU General Assembly 2014 in Vienna, Austria.
2014

Thank a Teacher certificate, Student Government Association (SGA), Center for the Enhancement of Teaching and Learning (CETL), Georgia Institute of Technology, Atlanta, GA, USA.
2014

Thank a Teacher certificate, Student Government Association (SGA), Center for the Enhancement of Teaching and Learning (CETL), Georgia Institute of Technology, Atlanta, GA, USA.
2013

Research Excellence Award, Georgia Institute of Technology, Savannah, GA, USA.

2006

Excellence in Research Award, School of Civil and Environmental Engineering, Georgia Institute of Technology, Atlanta, GA, USA.

2006

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