

Austin Holland
Department of Geosciences
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Education

Ph.D. Candidate, Department of Geosciences, University of Arizona

M. S. in Geophysics, University of Texas at El Paso, El Paso, TX, 2002

B. S. in Geology, University of Idaho, Moscow, ID, 1997

Publications

Holland, A.A. (2003), Earthquake Data Recorded by the MEMS Accelerometer: Field Testing in Idaho, Seismological Research Letters Vol. 74 No. 1, pp. 20-26.

Holland, A.A. (2002), Microearthquake Study of the Salton Sea Geothermal Field, California: Evidence of Stress Triggering, 2002, M.S. Thesis University of Texas at El Paso.

Conferences and Symposiums

Holland, A.A., and R.A. Bennett (2007), Analysis of time-variable crustal velocity using Continuous GPS Time-Series , Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract G23A-03

Holland, A.A.(2003), Upgrade of INEEL Seismic Stations and Strong Motion Accelerographs to Digital Field Acquisition and Telemetry, Seismological Society of America Spring Meeting, Seismological Research Letters Vol. 74 No. 2, p. 229.

Holland, A.A. (2002), Microearthquake Study of the Salton Sea Geothermal Field, California: Evidence of Stress Triggering, Seismological Society of America Spring Meeting, Seismological Research Letters Vol. 73 No. 2, p. 265.

Holland, A.A.(2001), Location of Microearthquakes in the Salton Sea Geothermal Field Using a 3D Anisotropic Velocity Model, Seismological Society of America Spring Meeting, Seismological Research Letters Vol. 72 No. 2, p. 292.

Professional Associations

Seismological Society of America

American Geophysical Union

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Experience

Research and Teaching Associate Department of Geosciences University of Arizona, 2006 to Present

Scientist at the Idaho National Laboratory from 1999 to 2006

- Seismic Analysis and Seismic Reports
- Seismic Hazard Analysis
- Proposal Writing and Project Management
- Computer Programming including but not limited to: Web Presentation and Process Automation
- Seismic monitoring Hardware Maintenance and Instrument Response
- Embedded Computing and Computer Hardware
- Digital and Analog Communications
- Computer System Administration and Security
- Permanent and Campaign GPS surveys
- Forensic Seismology

Teaching Assistant Department of Geological Sciences, University of Texas at El Paso from 1998 to 1999

Scholarships and Grants

John and Nancy Sumner Scholarship Fund, Dept. of Geosciences 2008
Summer Research Support scholarship for Arizona Campaign GPS to Determine Crustal Deformation Rates.

Awards and Honors

Outstanding graduate student in Geophysics from the College of Science, University of Texas at El Paso, 2002