

**PATRIK K. MEYER**

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<b>Education</b>	<b>HARVARD UNIVERSITY, Kennedy School of Government</b> Master in Public Administration, expected June 2008 Concentration: international policy and conflict resolution	Cambridge, MA
	<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b> Master in Civil Engineering, 2006 (GPA 4.8/5) Concentration: structural dynamics and low-cost housing	Cambridge, MA
	<b>UNIVERSITY OF CALIFORNIA, BERKELEY</b> Bachelor of Science in Civil Engineering, 2002 (GPA 3.63/4)	Berkeley, CA
	<b>BEIJING INSTITUTE OF FOREIGN LANGUAGES</b> Two-year program in Mandarin and Economic Cooperation, 1993-1995	Beijing, China
	<b>ISLAMIC STUDIES</b> Studied in a number of centers from 1984-1986	Cairo, Egypt
<b>Languages</b>	Fluent in German, French, and Spanish; intermediate level in Arabic, Mandarin, Catalan, and Italian; beginner level in Japanese and Urdu.	
<b>Professional Experience</b>	<b>FULBRIGHT</b> <b>Development of Landslide Awareness Program</b> 2006-2007 <ul style="list-style-type: none"><li>• Designed simplified manual on landslides</li><li>• Presented research at university level</li><li>• Developed Web site for public access</li></ul>	Santiago, Chile
	<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b> <b>Research Assistant</b> 2004-2006 <ul style="list-style-type: none"><li>• Conducted research on improving seismic performance of low-cost housing</li><li>• Traveled to earthquake-stricken regions (Iran, India, Pakistan, and Morocco)</li><li>• Published results in internationally renowned journal (Earthquake Spectra)</li></ul>	Cambridge, MA
	<b>OXFAM-USA</b> <b>Shelter Advisor</b> 04-05 2006 <ul style="list-style-type: none"><li>• Identified structural deficiencies of housing in remote areas of Northern Pakistan</li><li>• Developed structural improvements based on local skills, materials, and resources</li><li>• Designed and taught workshops for local population and trained local engineers</li></ul>	Kashmir, Pakistan
	<b>AL-KAHTANI CO.</b> <b>Project Manager</b> 1996-1997 <ul style="list-style-type: none"><li>• Managed two-thousand hectare desert irrigation project</li><li>• Reconverted production from subsidy-dependent to profitable</li><li>• Conducted research to identify feasible and profitable crops</li></ul>	Al-Jouf, Saudi Arabia
	<b>TRANS WORLD TRAVEL</b> <b>Marketing Director</b> 1995-1996 <ul style="list-style-type: none"><li>• Planned design, promotion, marketing of programs and routes to explore Borneo jungle</li><li>• Introduced and promoted eco-tourism in region</li></ul>	Miri, Malaysia

**SWISS INVEST**  
**Project Manager**

Zurich, Switzerland

- 1989-1992
- Identified attractive real-estate projects in Spanish coastal regions
  - Managed construction of tourist complex of hotel and 240 bungalows
  - Promoted project internationally, achieving 100% occupation

**CONSTRUCTUR SA**  
**Construction Supervisor**

Barcelona, Spain

- 1986-1989
- Planned and supervised construction of several projects in Spain
  - Obtained necessary construction and exploitation permits

**POST-EARTHQUAKE AND FIELD WORK EXPERIENCE IN DEVELOPING COUNTRIES**

<b>THE GLOBAL CHILD:</b> School design (2007)	Structural design	Siam Rep, Cambodia
<b>APROVECHO:</b> Wood-burning stoves (2006)	Field work and design	Tamil Nadu, India
<b>OXFAM:</b> Post-earthquake training (2006)	Taught workshops	Kashmir, Pakistan
<b>IIES:</b> Post-earthquake report (2004)	Field inspection/Report	Bam, Iran
<b>ABIYAN</b> (2002)	Designer & field work	Gujarat, India

- Publications:** Meyer, P.K., Ochsendorf, J., Germaine, J., Kausel, E.: "High Frequency / Low Energy Waves: An Unaccounted for Source of Collapse for URM," Earthquake Spectra, published Feb. 2007.  
Meyer, P.K. and Mosalam, K.M., "Bhunga: Cylindrical Subcomponent Shear Test," Berkeley Scientific Journal, Spring 2004.  
Meyer, P.K, and Ostertag, C., "Burlap Reinforcement for Improved Toughness of Low-Cost Adobe Residential Structures," Berkeley Scientific Journal, Spring 2003.

- WebPages:** **PolicyEngineering** ([www.policyengineering.org](http://www.policyengineering.org))  
Helping to save lives is commendable; helping to shape appropriate policies so fewer lives need to be saved is essential and this is the foundation on which this Web site was created.

**Engineering For The World** ([www.engineering4theworld.org](http://www.engineering4theworld.org))  
This Web site was designed to be a platform from which different engineering-related projects related to improving living conditions in developing world can be launched.

**Major Fellowships and Scholarships:**

- 2006 Fulbright Fellowship to conduct research in Chile for ten months  
2005 Hugh Hampton Young Memorial Fund Fellowship at MIT  
2005 NSF travel grant to conduct research at IIT Bombay/India  
2001, 2002 Bay Area ASCE Scholarships, UC Berkeley

- Lectures:** 2007: Guest speaker at Universidad de Chile, Santiago, Chile  
2006: Three construction training workshops in NWFP and Kashmir, Pakistan  
2005: Guest speaker at Elisava University, Barcelona, Spain

- Personal:** American and Swiss citizenships, 46y.o. (2007), single, interested in conflict resolution, empowering communities, discovering and blending into cultures, adventure sports.