

Consultant

Expertise Geophysics, Rock Mechanics, Laboratory Testing of Mechanical Properties, Borehole Geophysics

Education B.Sc., Geosciences, 2007
M.Sc., Geosciences, 2010
Institute of Geology, Mineralogy & Geophysics
Ruhr University Bochum, Germany

Professional Experience

<i>August 2010 - present</i>	<i>Itasca Consultants GmbH, Gelsenkirchen, Germany</i>
<i>April - July 2010</i>	<i>Consultant</i>
<i>April 2008 - July 2009</i>	<i>Student Assistant</i>

<i>August 2009 - March 2010</i>	<i>Baker Hughes Inc., Celle, Germany</i>
	<i>Student Employee</i>

	<i>Ruhr-University Bochum, Germany</i>
	<i>Workgroup for Experimental Geophysics</i>
<i>January 2008 - July 2009</i>	<i>Student Research Assistant</i>
<i>August 2006 - December 2007</i>	<i>Student Research Assistant</i>

Project Experience

Numerical Modeling: 2D and 3D stability modeling for the German nuclear-waste repository 'Schacht Konrad'. Numerical modeling of the material transport through a sinter cooler and on vibrating chutes.

Geophysics & Rock Mechanics: Laboratory experiments on rock mechanical properties. Estimation of rock mechanical properties from well logs. Simulations of triaxial tests based on formation evaluation logs. Fieldwork on seismic exploration.

Publications

Woehrl, B., S. Wessling, A. Bartetzko, J. Pei and J. Renner. "Comparison of Methods to Derive Rock Mechanical Properties from Formation Evaluation Logs," in *Proceedings, 44th U.S. Rock Mechanics Symposium (5th U.S.-Canada Rock Mechanics Symposium, Salt Lake City, Utah, June 2010)*, Paper No. 10-119. Alexandria, Virginia: ARMA, 2010.