

LOWELL G. KESSEL

Curriculum Vitae / Resume

23771 Mariner Drive #117
Dana Point, CA 92629

(714) 709-3683
lkessel@hotmail.com

Registrations / Certifications

Professional Geologist (PG) CA 7924
40 hour Hazwoper and Supervisor Training

Education

University of California, MBA Candidate, Completion in May 2008
University of California, M.Sc. Geological Sciences, 2000 (4.0 GPA)
University of California, B.S. Geological Sciences, 1998 (3.7 GPA)

Post Graduate Supplemental Education (4.0 GPA)

PSMJ Project management Training (Summer 2005)
Supplemental Graduate Courses
Engineering Hydrology (Fall 2003)
Hydrogeologic Modeling (Fall 2003)
Advanced Aquifer Characterization and Hydrology (Spring 2003)
Well Hydraulics and Hydrogeology (Fall 2002 audit)
*Business Management (Spring, 2001)

Cal State Fullerton, CA
*Pasadena City College, CA

Work Experience

Haley & Aldrich, Inc.

Senior Hydrogeologist / Project Manager
Promoted from staff to senior scientist in technical and project management capacity over a 3-year period.

Responsibilities include: Project manager and management assistance on large multiphase investigation and remedial projects in the greater Los Angeles area; staff management; Client relationship building and client support for business fiscal and time-wise objectives; Business development and proposal preparation for local county agencies and private industry; Professional presentations at professional conferences on investigation and remedial approaches and technologies; geotechnical and hydrogeologic investigations; and remediation design and implementation.

SECOR International Inc.

Project Geologist
Promoted to Project Manager prior to separation
Responsibilities include: Project management assistance with ARCO/BP retail petroleum group on investigation and remedial projects in the greater Los Angeles area, Bakersfield, Mojave Desert, and Ventura County.

IT Corporation (The Shaw Group)

Geologist
Left company to gain project management experience and professional growth
Responsibilities include: Project assistance with Shell, Texaco, and ARCO retail petroleum groups during investigation and remediation as Sites located in the greater Los Angeles area, Riverside, San Bernardino, Bakersfield, and Mojave Desert region.

Benton Oil and Gas Company

Assistant Petroleum Geologist
Assisted senior petroleum geologists and geophysicists with data entry and correlation of down hole

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geophysics and 2-D seismic interpretations. Provided support to geologists with turbidite sequence interpretation and evaluation for petroleum reservoirs in Russia, China, and Venezuela.

University of California at Santa Barbara
Teaching Assistant (Part Time)
Department of Geological Sciences

Santa Barbara, CA
September 1998 to June 2000

University of California, Santa Barbara
Physical Science Tutor (Part Time)
Campus Learning Assistance Services

Santa Barbara, CA
January 1999 to March 1999

Internships

Southern California Earthquake Center
University of Southern California (USC)

Los Angeles, CA
July 1998 to October 1998

Research Grant for Fault Scarp Study. Authored successful proposal and completed study. Technical paper published on-line.

Professional Societies and Technical Committees

Interstate Technology and Regulatory Counsel (ITRC) since 2004 (~10% time commitment)
Emergent Chemical Task Group- England Geosystems since 2003
AEHS Soil Sediment and Water-since 2003
National Ground Water Association
AGU Water Resources Research
Groundwater Resource Association

Publications and Papers

Kessel, L. G. and Busby, C. J., 2003, Analysis of VHMS-Hosting Ignimbrites Erupted at Bathyal Water Depths (Ordovician Bald Mountain Sequence, Northern Maine), American Geophysical Union, Special Publication.

Busby, C. J., Kessel, L. G., Schulz, K., Foose, M., and Slack, J., 2003, Very Deepwater Silicic Explosive Volcanic Setting of the Ordovician Bald Mountain Massive Sulfide Deposit, Northern Maine, Economic Geology.

Professional Presentations

Speaker

“Competitive Contaminant Destruction during Ozone-Peroxide Chemical Oxidation: Implications for In-situ Remediation of 1,4 Dioxane”, Abstract and oral presentation at upcoming Association of Environmental Health and Sciences (AEHS) 15th Annual Conference, March 2005

“Folding and Faulting Along the Mojave Segment of the San Andreas Fault Near Palmdale, California: Implications for Simple Shear Mechanics,” Abstract, with A.G. Sylvester, presented at SPE/AAPG Western Regional Meeting “Working In Concert,” June, 2000, Long Beach, CA.

“Textural Interpretation of Deep-Marine Erupted Pyroclastic Deposits, Bald Mountain Terrane, Northern Maine: Implications for Eruptive Mechanics,” Abstract, with C.J. Busby, presented at Western Pacific Geophysics Meeting, National Olympic Memorial Youth Center (NYC), Shinjuku, Tokyo, Japan, June, 2000.

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Poster Presentations

“Efficacy of the Membrane Interface Probe (MIP) for Source Area Delineation of Chlorinated Solvents,”
Lowell Kessel and Paris Hajali, Haley & Aldrich, Mark Horan, Centrum Analytical, and Frank Stolfi,
Vironex Environmental. Association of Environmental Health and Sciences (AEHS) 14th Annual
Conference, March 2004

“Ex-Situ Vapor Recovery Via Enhanced Chemical Recovery: An Innovative Remedial Technology,”
Lowell Kessel and Paris Hajali, Haley & Alrich, and Carol Winell, GEO Inc., Association of
Environmental Health and Sciences (AEHS) 14th Annual Conference, March 2004

“In-Situ Remediation, an Innovative and Cost Effective Solution for Active Business Sites,” with J.
Squire, Haley & Aldrich, P. Hajali, Ph.D., P.E., Haley & Aldrich, P. Randall, Regenesys, and L. Thomas,
Environmental Program Management, Association of Environmental Health and Sciences (AEHS) 13th
Annual Conference, March 2003

Honorary Societies and Awards

National Science Foundation Fellowship in collaboration with the Geological Survey of Japan, 2000

Texaco American Association Petroleum Geologist (AAPG) Scholarship, 2000

Geological Society of America graduate research grant, 2000

American Geological Institute Graduate Scholarship, 1998–99 & 1999–2000

Outstanding Academic Achievement Award, UCSB, 1998

Ridley-Tree foundation Scholarship, UCSB, 1997–98

Genesis Research Award, UCSB College of Letters & Science, 1997–98

American Geological Institute Undergraduate Scholarship, 1996–97 & 1997–98

J & I Campbell Scholarship, UCSB College of Letters & Science, 1997

William Bushnell Memorial Scholarship, UCSB geology department, 1997

William C. Miller Memorial Scholarship in Geology, Pasadena City College, 1996

Monrovia Rock Hounders Scholarship, 1995