

Inland Geological Society

January 2011

Newsletter of the Inland Geological Society

Volume 27 No. 1

This Meeting:

**Thursday,
January 6th**

Time:

**Social: 6:00pm
Dinner: 6:30pm
Lecture: 7:00pm**

Location:

**LSA Associates
1500 Iowa Ave
Suite 200
Riverside, CA
92507**

(Map on Pg. 4)

Coming to

Dinner?

Please RSVP:

**By Monday 01/03
(951) 784-2168
dixie.lass@att.net**

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January Speaker:

Lisa A. Pierce

LSA Associates, Inc., Riverside, CA

San Bernardino Valley Water Conservation District, Redlands, CA



**3D GIS modeling for the Petra
Preservation Project in Petra, Jordan**

Abstract

Ms. Lisa A. Pierce presently works in environmental/ water resources management and geographical information systems sciences. She studied geology at New York's Oneonta State University before transferring to the School for International Training in Brattleboro, Vermont where she received her B.A. in International Environmental Studies. She received her M.A. from Clark University in Worcester, Massachusetts from the interdisciplinary, Environment, Technology and Society Program. Her master's thesis evaluated a riverine and estuary water balance analysis of a River basin in Argentina, focusing on non-traditional economic evaluation of benefits such as groundwater protection from salt water intrusion, estuary valuation for fisheries and birding tourism benefits. Lisa presently works at LSA Associates and San Bernardino Valley Water Conservation District supporting GIS and water resource management efforts.

Her presentation is the result of a 2003 two month World Bank Grant where she was a visiting scholar to the Jordanian Hashemite University's -Queen Rania's Institute of Tourism and Cultural Heritage supporting cultural heritage management and 3D archaeology data creation and visualization methods for the Petra Preservation Project.

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DEBBIE ANNETTE KUNATH

OBJECTIVE

Staff Geologist

EDUCATION

BA, Geology - California State University San Bernardino, June 2008
AS, Business Administration - Victor Valley Community College, May 2002

QUALIFICATIONS

GIT certificate - State of California, Board for Geologists and Geophysicists, April 2009
Good writing and communication skills
Experience in exploratory trenching and safety practices
MS Office, Word, and Excel
Adobe Acrobat
AutoCAD

PROFESSIONAL EXPERIENCE

June 2007 to December 2010 **John R. Byerly, Inc.** - Bloomington CA
Geotechnical Engineering and Engineering Geology

Staff Geologist

Worked closely with Certified Engineering Geologists, Senior Geologists, and Geotechnical and Civil Engineers. Conducted Engineering Geology Investigations to evaluate geologic and geomorphic conditions and identify potential geologic hazards or constraints which may have impacted school and housing tract development. Tasks included, but were not limited to, writing of geologic reports, review of available reports and data, review of stereoscopic aerial photographs, development of maps and cross-sections, geologic field reconnaissance, geologic assessment of geotechnical boring logs and samples, planning of exploratory trenching projects, logging of exploratory trenches and cut-walls, geologic mapping, and ground motion analyses using NGA's.

PREVIOUS WORK EXPERIENCE

July 2005 to June 2007
Substitute Teacher

Snowline Joint Unified School District –
Phelan, CA

August 2002 to July 2005
Instructional Associate

Snowline Joint Unified School District –
Phelan, CA

January 2002 to August 2002
Substitute Office Clerk

Victor Valley Union High School District -
Victorville, CA

July 1995 to January 2002
Medical Assistant-Transcriptionist

Doctor's Foot and Ankle Center –
Victorville, CA

Upcoming Meetings/Events

Rock & Gem Shows—Various locations

Various rock and mineral shows will be throughout So. California. To find one near you, visit www.rockngem.com/showdates.asp

2011 North American Environmental Field Conference and Exposition

The topic for this years' conference will be "Advances and Innovations in Environmental Site Characterization, Sampling, Monitoring & Remediation Technology". The event will be held **January 10-13, 2011** at the Hilton Resort & Spa on Mission Bay, San Diego, CA. For more info. and to register for the event, visit www.envirofieldconference.com/

SME—SoCal Section Field Trip



SME will be hosting a field trip, led by Steve Mulqueen and Doug Shumway, to Tecopa and several mine sites in the Mojave Desert near Baker, CA. The event will be on **January 15-16,**

2011. For more info., visit www.smenet.org/

Los Angeles Basin Geological Society—LA Association of Petroleum Landmen Joint January Meeting



Don Gautier from the USGS is tentatively scheduled to present a talk on "Growth Reserves of the LA Basin". The meeting will be on **January 23, 2011** at The Grand at Willow Street

Conference Center. For more info, visit www.labgs.org.

IGS Meeting Schedule

February 2, 2011 (Wednesday)

Kent Norton, The Planning Center
CEQA basics or CEQA Q + A relative to geotechnical issues

March 3, 2011 (Thursday)

Bob Reynolds & Lloyd Sample, LSA Associates
SCE El Casco Substation: Construction excavation monitoring salvages an early Irvingtonian (middle Pleistocene) fauna and flora

April 6, 2011 (Wednesday)

Dr. Alan L. Smith, CSU, San Bernardino
TBA

May 5, 2011 (Thursday)

TBA

June 1, 2011 (Wednesday)

TBA

Dixie Lass Retired!!

Congratulations to Dixie Lass, the Secretary for IGS, for her recent retirement from the Santa Ana Regional Water Quality Control Board!

Please make note of her new contact information:

Phone #: (951) 784-2168
and
Email: dixie.lass@att.net

IGS MEETING LOCATION:

**LSA Associates, Inc.
1500 Iowa Ave, Suite 200
Riverside, CA 92507**

**2010 IGS OFFICERS****President**

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