



Geologic Use of Satellite Imagery Data

Scott Arko
Alaska Satellite Facility (ASF)
Geophysical Institute
Fairbanks, AK

*Note: AGS meetings will be at the BP Energy Center for 2010-2011.
Please check the website (www.alaskageology.org) and issues of the AGS newsletter for updates.
This Newsletter promotes the March luncheon of the Alaska Geological Society
to be held Thursday, March 17th, at the BP Energy Center.*

Please check the AGS website

www.alaskageology.org

to obtain the luncheon abstract
and speaker biography as they
become available.

For additional information, check
the Alaska Satellite Facility
website:

<http://www.asf.alaska.edu>

AGS Luncheon

Date & Time: March 17th, 11:30 am – 1:00 pm

Program: Geologic Use of Satellite Imagery Data

Speaker: Scott Arko, ASF

Place: BP Energy Center

Reservations: Please make your reservation before noon
Tuesday, March 15th, 2011.

Cost: Seminar only, no meal: Free

Reserve a box lunch: \$15

Reserve a hot lunch: \$20

Lunch with no reservation:
On an "as-available" basis only

E-mail reservations: vp@alaskageology.org
Or phone (907) 269-8673
(Ken Helmold, AGS VP)

For more information: visit the AGS website:

www.alaskageology.org

From the President's Desk

How time flies! We have only four months left in the current AGS business year, and it's already time to start thinking about plans and continuity for next year. Many of us are involved in planning the May PSAAPG/SPE meeting, and I know that it's a little hard to look beyond that date right now, but please also think about how you would like to be involved in our society next fall. I've asked Art Banet to serve as head of the nominations committee, and he will be compiling a slate of candidates for the May election over the next month or so. We will be electing a Vice President, President-elect, Secretary, Treasurer, and three Directors. Brief descriptions are as follows:

Vice President – A key position for our society, since the VP is responsible for the luncheon arrangements and talks and is usually involved in the annual technical conference as well.

President-elect – Serves as a Director and prepares a budget for the succeeding year. Becomes President in the succeeding year and chairs board and society meetings. Also appoints committee Chairs, signs correspondence, and communicates on behalf of the society.

Secretary – Takes the minutes at the board meetings and occasionally may handle or receive correspondence.

Treasurer – Another key position, since the Treasurer keeps the books, manages the society's funds, and prepares and files the tax return.

Directors – Attend board meetings as voting members and help conduct the business of the society.

If you are interested in any of the positions listed above, please contact Art or any of our current board members. We need volunteers willing to give a little of their time to help make our society successful.

Plans for the 2011 PSAAPG Annual Meeting, to be held at the Anchorage Sheraton Hotel May 8-11, are coming along well. You should have received the program by now, but if you did not, it is available on the AGS web site (<http://www.alaskageology.org/psaapgConvention2011.html>). Online registration is up and running as well. We hope to see you there!

- Tom

Call for volunteers Your local organization needs your help!!!

The success of our locally-hosted upcoming Pacific Section AAPG – Western Region SPE meeting is dependant on securing volunteers in three key areas:

- Oral session chairs
- Poster session chairs
- Oral & poster session judges

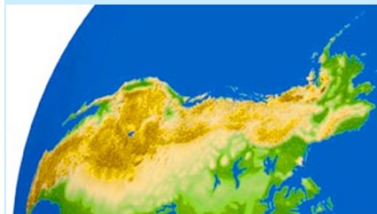
Please contact one of the technical session chairs below to volunteer your time!

Oral Session Chair:
Sandy Phillips 907.564.4587 sandra.phillips@bp.com

Poster Session Chair:
Steve Wright 907.263.7865 sswr@chevron.com

Judging Coordinator:
Pete Barker 907.248.7114 pbarker@gci.net

Arctic to the Cordillera: Unlocking the Potential



Pacific section AAPG & Western Region SPE

Technical Sessions: May 9-11, 2011 Anchorage, Alaska

Conference Co-hosting Organizations
Pacific Section American Association of
Petroleum Geologists & Western Region of the
Society of Petroleum Engineers

Supporting Organizations
Pacific Section – Society of Sedimentary Geology
Pacific Coast Section – Society of Exploration
Geophysicists



Local Hosting Society
Alaska Geological Society



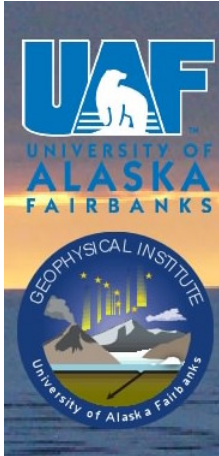


ICAM VI

The Sixth International Conference on Arctic Margins
Fairbanks, Alaska, USA; 31 May - 2 June 2011

<http://www.gi.alaska.edu/icam6/>

<http://www.gi.alaska.edu/icam6/>



*Deadlines - April 15: Abstract
Deadline*

*Rolling abstract acceptance within
one week of submission*

*April 30: Last day for online
registration*

*Venue: Davis Concert Hall, University
of Alaska Fairbanks campus*

*Travel: Symposium is timed with
direct flights from/to Europe*

Scientific sessions:

- Hydrocarbon potential and gas hydrates;
- Science issues relating to UNCLOS Article 76;
- Geodynamic significance of arctic magmatism;
- Vertical motions in the Arctic, tectonic and glacial;
- Geology and palaeogeography of the arctic continental margins;
- Evolution of the Arctic Ocean basins, including plate reconstructions, magmatism, and sedimentology;
- Modern arctic environments, including geological, climatic, and oceanographic processes; and
- Recent advances in arctic research technology

Contact the organizers: ICAM6@gi.alas

The Alaska Geological Society

LUNCHEON SCHEDULE 2010 - 2011

Updates on the web at:

<http://www.alaskageology.org>

September 2010	Thurs., Sept. 16 th , David Scholl, USGS, Earthquake and Tsunami Hazards of the Aleutians
October 2010	Thursday, Oct. 21 st , Peter Haeussler, USGS Neo-tectonics of Cook Inlet
November 2010	Thursday, Nov. 18 th , Joann Welton, EXXON, Evaluating siliciclastic reservoir quality
December 2010	Thursday, Dec. 9 th – Alison Till, USGS, Reconstruction of Arctic Alaska
January 2011	Thursday, Jan. 20 th – Chris Waythomas, USGS AVO, Eruption of Kasatochi
February 2011	Thursday, Feb. 17 th , James Coleman, USGS, Tight-Gas Sandstone Reservoirs (AAPG Distinguished Lecturer)
March 2011	Thursday, March 17 th – Lisa Wirth, UAF Alaska Satellite Facility
April 2011	Thursday, April 21 st , Erik Hulm, BP Alaska, Heavy Oil of Alaska
May 2011	Thursday, May 19 th – Robert Swenson, DGGs, Energy development in Alaska

If you would like to volunteer a talk or would like to suggest a speaker, please contact Ken Helmold at 269-8673



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SCHOLARSHIP RECIPIENTS 2011

Don Richter Memorial Scholarship Award

The Don Richter Memorial Scholarship Committee is pleased to announce the selection of a candidate for 2011. The committee received applications from Alaska and the lower 48 states for the scholarship. All defined excellent research projects in Alaska, so the decision was difficult as always. The committee selected Erin Donaghy, a third year undergraduate student at Bucknell University in Pennsylvania. Erin's project, "Sedimentology, depositional age, and provenance of sedimentary and volcanic rocks exposed along Willow Creek, eastern Susitna basin, south-central Alaska" will examine in detail rocks that have been correlated with the Arkose Ridge Formation but lack geochronologic data. Erin will map the geology along Willow Creek, measure sections and perform lithofacies analyses, constrain the age of the unit with U-Pb detrital zircon ages from the sedimentary rocks and Ar-Ar ages from the interbedded volcanic rocks, and compare the rocks to the type section of the Arkose Ridge Formation. She hopes to contribute to knowledge of the evolution of the Susitna basin and also to provide information for models of nonmarine deposition in forearc basins. Erin will receive \$1500 from the Don Richter Memorial Scholarship fund to support her investigations of the rocks on Willow Creek. Erin's research advisor is Jeff Trop.

Note: the Don Richter Memorial Scholarship is awarded to candidates in geoscience or equivalent degree programs whose project or thesis / dissertation topic focused on Alaskan geology or related geoscience topic with a preference for topics that reflect Don Richter's career interests, including but not limited to: volcanology, igneous petrology, the Wrangell Mountains, the Aleutian arc, the Talkeetna arc, and the stratigraphy of south-central Alaska.

Acknowledgements to Sue Karl for organizing the selection committee

Alaska Geological Society Scholarships

Hirotsugu Mori – PhD candidate at UAF, \$2000
Migration of the Late Cretaceous Arctic Hadrosaurs of North Slope, Alaska

Jake Mongrain – PhD candidate at UAF, \$500
Sedimentological, Stratigraphic and Paleoclimatic Investigations of a Tertiary Nonmarine Forearc Basin

Amy Dethlefs – MS candidate at APU, \$1000
Nutrient Limitation of the Snow Algae "Chlamydomonas nivalis" and its role in surface melt on the Harding Ice Field, Alaska

Erin Donaghy – BS candidate at Bucknell University, \$1000
Sedimentology, Depositional Age, and Provenance of Sedimentary and Volcanic Rocks exposed along Willow Creek, Eastern Susitna Basin, South Central, Alaska
NOTE: Also Richter Scholarship award

Brian Kramp – BS candidate at APU, \$1000
Processes Governing the Temporal and Spatial Patterns of Oxygen Isotopes in Winter Precipitation in South Central, Alaska

Acknowledgements to Robert Blodgett for organizing the selection committee

***The Alaska Geological Society is a 501c3 nonprofit organization.
Donations to these scholarship funds are tax deductible.***

Meeting Information

The **American Geological Institute** provides a comprehensive list of national and international geoscience meetings at: <http://calendar.agiweb.org>

Local Meetings:

American Water Resources Association—Alaska Section

<http://www.awra.org/state/alaska/index.html>

Alaska Geological Society

<http://www.alaskageology.org>

Lunch meetings are held monthly September through May in Anchorage. For more information, contact Jim Clough, 451-5030.

Alaska Miners Association

<http://www.alaskaminers.org/>

The Anchorage branch of the AMA holds weekly meetings at 7 AM every Friday at the Denny's on Northern Lights and Denali. They hold regular luncheon meetings in association with SME. For more information, contact the AMA office at 563-9229.

American Institute of Professional Geologists

<http://www.aipg.org>

AIPG holds regular quarterly evening Section meetings in Anchorage and Fairbanks. For more information contact Mark Lockwood, President, at Shannon & Wilson, Inc., in Fairbanks, 907-458-3142.

Chugach Gem & Mineral Society

<http://www.chugachgms.org>

CG&MS holds all meetings at the First United Methodist Church on 9th Avenue. Contact their hotline at 566-3403 for information on regular monthly business meetings, monthly potlucks, and guidebook sales, including the new Alaska Rockhound Guidebook.

Geophysical Society of Alaska

<http://gsa.seg.org/>

Luncheon meetings are held monthly September through May at the ConocoPhillips Tower. For more information, contact Phil Rorison, 265-6321

Society of Petroleum Engineers

<http://alaska.spe.org/>

UAS Environmental Science Program

<http://www.uas.alaska.edu/envs>

National Association of Geology Teachers (NAGT)

<http://www.nagt>

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The Alaska Geological Society, Inc.
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On the web at: <http://www.alaskageology.org>

The Alaska Geological Society is an organization which seeks to promote interest in and understanding of Geology and the related Earth Sciences, and to provide a common organization for those individuals interested in geology and the related Earth Sciences.

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MEMBERSHIP INFORMATION

AGS annual memberships expire November 1. The annual membership fee is \$20/year. You may download a membership application from the AGS website and return it at a luncheon meeting, or mail it to the address above.

Contact membership coordinator Greg Wilson with changes or updates (e-mail: gregory.c.wilson@conocophillips.com; phone: 907-263-4690)

All AGS publications are now available for on-line purchase on our website. Check to see the complete catalogue.

<http://www.alaskageology.org/publications>

ADVERTISING RATES

Advertisements may be purchased at the following rates:
1/10 Page--\$190/9mo, \$75/1mo; size=1.8 x 3.5 inch
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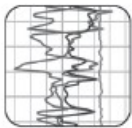
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2010 - 2011 Alaska Geological Society Board

Note: e-mail addresses now contain "at" instead of "@" Please change to @ when typing.

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AAPG Delegate & 2011 Conf. Chair	David Hite	258-9059	Hitelamb at alaska.net	Geological Consultant
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