

ALASKA GEOLOGY

Luncheon Abstract
Alaska Geological Society



Estimating Undiscovered Oil and Gas in the Arctic: The U.S. Geological Survey Circum-Arctic Resource Appraisal

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*Note: AGS meetings will be at the BP Energy Center for 2009-2010.
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This announcement promotes the April luncheon talk of the Alaska Geological Society,
to be held Thursday, April 15th, at the BP Energy Center.*

Among the greatest uncertainties in future energy supply and a subject of considerable environmental concern is the amount of oil and gas yet to be found in the Arctic. Using a probabilistic geology-based methodology, the U.S. Geological Survey has assessed the area north of the Arctic Circle and concluded that about 30% of the world's undiscovered gas and 13% of the world's undiscovered oil may be found there, mostly offshore under less than 500m of water. Undiscovered natural gas is three times more abundant than oil in the Arctic and is largely concentrated in Russia. Oil resources, while important to the interests of Arctic countries, are probably not sufficient to significantly shift the current geographic pattern of world oil production.

About the Author:

Donald L. Gautier is a geologist with the Energy Resources Program of the United States Geological Survey. Born in Los Angeles, he holds a Ph.D. in geology from the University of Colorado and worked for Mobil Oil Corporation before joining the USGS in 1977. He is the author of more than 200 publications, many of which concern evaluation of undiscovered oil and gas resources. Gautier leads the USGS World Energy Project and was the principal investigator for the recently-completed USGS Circum-Arctic Resource Appraisal. His residence is in Palo Alto, California.

AGS Luncheon

Date & Time: Thursday, April 15th, 11:30 am – 1:00 pm

Program: Estimating Oil and Gas in the Arctic

Speaker: Donald Gautier, USGS

Place: BP Energy Center

Reservations: Please make your reservation before noon Tuesday, April 13th, 2010.

Cost: Seminar only, no meal: Free
Reserve a box lunch: \$13
Nonmember: \$15

Reserve a hot lunch: \$20
Nonmember: \$22

No reservation: add \$5 to the above
(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