

Why We Need ASPO-USA

We need your help to become the "go-to" source, the professional society of record, for credible information and multidisciplinary expertise regarding all aspects of oil and gas depletion. We need your help to promote public education and further research and development stressing the critical concept of "net energy" as the benchmark for all Peak Oil mitigation strategies. Our advisory board and membership, along with our network of affiliated overseas ASPO groups, include some of the world's leading experts in the fields of petroleum geology, exploration, and extraction, the environmental sciences, and overall energy analysis.

On June 3, 2006, economist Alan Greenspan was the lone witness called by a U.S. Senate committee to testify on oil, gas, and alternative energy sources. The testimony lasted about three hours, and Mr. Greenspan and the senators invoked the words "... reaching an oil peak ... end of cheap oil ... running out of oil ... peak of production ... production eventually begins to peak ... and will go down all by itself."

Nevertheless, Mr. Greenspan went on to say, "it's not as though the oil is not there ... there are vast amounts of reserves in the ground ... 250+ billion barrels in Saudi Arabia ... foreign governments rebuff corporate technology ... hedge funds ... flexibility ... cellululosic ethanol ... coal ... nuclear ... plug-in hybrids ... markets are working ... they are working."

Greenspan rebuffed the idea of an Apollo-style government project to deal with energy issues saying, "I would hope we don't have to do that ... it would divert investment by private equity firms away from markets which are working towards a solution." He quoted EIA figures to suggest a possible peak in the 2040s, unless new technology comes to the rescue.



Former Fed Chair, Alan Greenspan

2005 Denver World Oil Conference

(Co-Sponsored by the City of Denver)
November 10-11, 2005
Intelligent Responses to Peak Oil

The 2005 Denver World Oil Conference has drawn accolades from virtually every quarter of the energy reform community. The sold-out meeting featured Matt Simmons, U.S. Congressman Roscoe Bartlett, Charles Maxwell, Henry Groppe, Jeremy Gilbert, and other international oil and gas experts.

The annual Conference is a part of ASPO-USA's mission to conduct research and public education on the growing Peak Oil challenge - the evidence that worldwide crude oil production will peak and begin a steady decline in the near future.

The evidence presented at the 2005 Conference suggests that peak and decline of worldwide crude oil production may occur sooner and with greater impact than previously projected. A great summary of the two-day Conference has been prepared by Stuart Staniford of the Oil Drum. Each Conference presentation is summarized and accompanied by a photo at the Oil Drum website:

<http://www.theoil Drum.com/story/2005/11/10/233544/36>

ASPO-USA's Distinguished Advisory Board includes Board Chair Mathew Simmons, Dr. Albert Bartlett, and Dr. Walter Youngquist (recipients of ASPO-USA's First Annual M. King Hubbert Award) Dr. Robert Hirsch, Stewart Udall, and other international energy experts also serve on the advisory board.



Mathew Simmons (left), receives award from ASPO-USA Co-founder Steve Andrews

ASPO-USA Energy Strategies - A Blueprint in Progress

Many policies and actions can, and should, be implemented right now to address the Peak Oil challenge. Below, we put a blueprint on the drawing board and rank the available options according to need, urgency, and practicality, based on current data. More data and analysis are needed to create a "feasibility filter" to prioritize the most promising options for support. Our website will detail ASPO-USA's Energy Strategies, and invite your input to help make our Blueprint in Progress a foundation on which to build a national energy reform policy. For more details and to contribute input, go to www.aspo-usa.com.

Public Education - From Main Street to Wall Street: plain talk that tells the whole story and connects the dots.

Conservation/Efficiency - Modest gains in vehicle mpg would save millions of barrels of oil per day. Our ultimate goal is to double vehicle efficiency.

Fee-Bates on New Cars - Buyers of new efficient cars earn a rebate; buyers of gas guzzlers pay a fee on the showroom floor.

Net Energy as the Guiding Principle - Selecting which new options to pursue should be based on net energy (EROEI) deliverable to society. We must count BTUs. Turning food into gasoline is bad policy.

Plug-in Hybrids - Hybrid vehicles work, electric power plants work, wall sockets work.

Future Energy Costs Must Guide Planning - Low density sprawl and massive highway building must end.

Enhanced Oil Recovery - Storing CO2 in old oil reservoirs can yield more oil, and address the climate challenge.

Windfall Profits Tax - Levy a modest windfall profits tax on major oil companies to help fund new energy technologies.

Get Depletion Data from Oil & Gas Producers - Better data on current oil depletion rates is essential, and available.

Revitalize Rail Transportation - Especially in densely populated parts of the country.

Address Population & Immigration Issues - The U.S. is adding 30 million people each decade.

Review Off-Limit Areas for Drilling - There may be room for increasing some access (but probably not ANWR).

Carbon Taxes - Fuels from unconventional hydrocarbons are coming, and they're high-carbon emitters.

Electrify Transport - See above. The only thing more efficient than rail is a bicycle or a salmon.

Cellulosic Ethanol - We need to commercialize this technology as rapidly as possible.

Hydrogen - It's a possible long-term niche fuel, but don't bet the ranch at this point.

Nuclear - Problems with peak uranium, waste, design, construction, permitting costs.

Coal & Gas to Liquids, Oil Shale - Show us the EROEI, the climate impact, the carbon taxes, the money.

Why ASPO-USA Needs You

Greenspan sat alone at a small table facing the eight senators. No petroleum geologists, oil & gas experts, or alternative fuel researchers testified to the committee, or commented in news reports on the hearings. Some news stories brought clarity to the mixed message, and some did not. We have learned that it is not enough to have Peak Oil "hit the mainstream media." We know that decision makers and media outlets must get the full Peak Oil story - with clarity, accuracy, and authority - to make sure the dots get connected and the full picture is revealed.



Dr. Roger Bezdek of the Hirsch-Bezdek Report which describes mitigation steps and deadlines.

With your support, ASPO-USA

will help bring up-to-date facts and figures on oil and gas depletion to decision makers, news media, business, industry, and the general public.

We are already:

- **Conducting** a Peak Oil Briefing Program for congressional members and key staff personnel,
- **Supporting** a bi-partisan Peak Oil Caucus in the U.S. House of Representatives,
- **Publishing** the weekly Peak Oil Review, and Tom Whipple's Peak Oil News,
- **Giving presentations** to business and civic groups, publishing technical articles, and writing op-ed pieces,
- **Finalizing plans for the 2006 ASPO-USA World Oil Conference**, October 26-27 in Boston, Massachusetts.



2006 Boston World Oil Conference

(Co-Sponsored by Boston University)

October 26-27, 2006

*Time for Action
 A Midnight Ride for Peak Oil*

Key themes for the Conference include a 2006 Depletion Update; NG in North America and Europe; Transportation; Alternate & Renewable Liquids; World Demand; Energy Policy Options - From Local to International; Climate Change & Fossil Fuels; Net Energy - Modeling Energy Flow; and an Update on Congressional Peak Oil Caucus Activities.

Some of the speakers already confirmed for this year's Conference include Mathew Simmons, Ali Samsam Bakhtiari, Roger Bezdek, Milton Maciel, Robert Kaufmann, Michael Klare, Richard Heinberg, and talks are underway with several other very special speakers. Please see our website at www.aspo-usa.com for the latest developments in Conference planning.



Bi-Partisan Peak Oil Caucus Members
 Reps. Mark Udall (D-CO) and Roscoe Bartlett (R-MD)

ASPO-USA Interim Executive Director

Scott Pugh brings a wide range of relevant experience to his work with ASPO-USA. He has served as a nuclear submarine commander and dean of mathematics and science at the US Naval Academy. He has multiple technical degrees including an MS in physics. He lives in Annapolis, Maryland.



Scott Pugh, Captain, U.S. Navy (Retired)

Join ASPO-USA Help Carry the Message. Promote Intelligent Response to Peak Oil.

Membership Gifts - Audio CD of Dr. M. King Hubbert in a rare, unpublished, 1988 interview by Steve Andrews. Hear Dr. Hubbert's candid remarks about Peak Oil denials, cover-ups, and future impacts. Also, Tote Bags, Shirts, Coffee Mugs, Lapel Pins ... All for joining ASPO-USA.



Available only to Members of ASPO-USA

Print, clip, fill out & mail your check today

Name of Member-Supporter (Individual or Organization) _____

Individual _____ Organization/Business _____

Address _____

City, _____ State, _____ Zip _____

Phone _____ Fax _____ Email _____

Area of Interest or Business _____

Memberships - Annual Dues - Gifts (Please check appropriate box)

- | | |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="checkbox"/> Benefactor - \$10,000 +
(Individually Structured) | <input type="checkbox"/> Individual - \$250
(Shirt, Tote Bag, Coffee Mug) |
| <input type="checkbox"/> Founding One Hundred - \$1500
(Entire Gift Package) | <input type="checkbox"/> Non-profit - \$150
(Coffee Mug, Tote Bag) |
| <input type="checkbox"/> Corporate - \$1000
(Shirt, Lapel Pin, Tote Bag, Hubbert CD) | <input type="checkbox"/> Student/Other - \$50
(Tote Bag) |
| | <input type="checkbox"/> Non-member/Supporter - |

Everyone gets an ASPO-USA Bumper Sticker and Logo Decal

Mail your tax deductible check today to:

Association for the Study of Peak Oil-USA
 PO Box 371438 Denver CO 80237

www.aspo-usa.com