

Energy for Ireland's Future

Professor Pat Shannon

(this lecture is sponsored by the Institute of Geologists of Ireland, Burren Connect, Shannon Development, RIA, PAD/PIP, Trinity College, Dublin)

Dublin

Wednesday 7th May 2008 at 18:00
Trinity College Dublin

Clare

Thursday 8th May 2008 at 20:00
Glór Theatre Ennis

The renewed interest in future energy supplies has been driven by higher prices and the impact on our climate of the various choices facing us. This talk will delve into the nature of petroleum accumulations, review Ireland's oil and gas potential and explore the issues facing Ireland in meeting its energy needs in the coming years.

Pat is a petroleum geologist and an acknowledged expert and writer on the petroleum potential of the sedimentary basins offshore Ireland. He has been involved with exploration-related research on the Irish offshore for almost 30 years. He is Professor of Geology at University College Dublin and worked previously at the Irish Petroleum Affairs Division, the Geological Survey of Ireland and the University of Newcastle upon Tyne.

GSI/The Irish Examiner Public Lecture Series.

The International Year of Planet Earth

Earth Sciences for Society

(Triennium 2007-2009)

The International Year of Planet Earth, as proclaimed by the United Nations during its 60th General Assembly, is a 3-years event (2007-2009) aimed at promoting the contribution to sustainable development of society by using knowledge and information provided by the geosciences. The International Year of Planet Earth is a joint initiative by the International Union of Geological Sciences (IUGS) and UNESCO, supported by 12 Founding Partners and 26 Associate Partners, sponsors and donors.

www.yearofplanetearth.org

Planet Earth in our Hands (pdf, 1.2 MB)

<http://www.yearofplanetearth.org/content/downloads/planetearth.pdf>

Groundwater - towards sustainable use (pdf, 3.3 MB)

<http://www.yearofplanetearth.org/content/downloads/Groundwater.pdf>

Hazards – *minimising risk, maximising awareness* (pdf, 4 MB)
<http://www.yearofplanetearth.org/content/downloads/Hazards.pdf>

Earth & Health – *building a safer environment* (pdf, 2.2 MB)
<http://www.yearofplanetearth.org/content/downloads/EarthAndHealth.pdf>

Climate – *the ‘stone tape’* (pdf, 1.8 MB)
<http://www.yearofplanetearth.org/content/downloads/ClimateChange.pdf>

Resource issues – *towards sustainable use* (pdf, 5.7 MB)
http://www.yearofplanetearth.org/content/downloads/Resources_2.pdf

Megacities – *going deeper, building safer* (pdf, 4.8 MB)
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Deep Earth – *from crust to core* (pdf, 1.7 MB)
<http://www.yearofplanetearth.org/content/downloads/DeepEarth.pdf>

Ocean – *abyss of time* (pdf, 2.2 MB)
<http://www.yearofplanetearth.org/content/downloads/Ocean.pdf>

Soil – *Earth’s living skin* (pdf, 2.3 MB)
<http://www.yearofplanetearth.org/content/downloads/Soil.pdf>

Outreach – *bringing earth sciences to everyone* (pdf, 1.5 MB)
<http://www.yearofplanetearth.org/content/downloads/Outreach.pdf>

Earth & Life – *the origins of diversity* (pdf, 3.9 MB)
<http://www.yearofplanetearth.org/content/downloads/EarthAndLife.pdf>

Objectives

The Year's Objective, encapsulated in its strapline Earth sciences for society, is to: Reduce risks for society caused by natural and human-induced hazards, reduce health problems by improving understanding of the medical aspects of Earth science, discover new natural resources and make them available in a sustainable manner, build safer structures and expand urban areas, utilizing natural subsurface conditions, determine the non-human factor in climatic change, enhance understanding of the occurrence of natural resources so as to contribute to efforts to reduce political tension, detect deep and poorly accessible groundwater resources, improve understanding of the evolution of life, increase interest in the Earth sciences in society at large, encourage more young people to study Earth science in university.

The Year aims to raise \$20 million from industry and governments and will spend half on co-funding research, and half on outreach activities. It will be the biggest ever international effort to promote the Earth sciences. All living, non living and Human beings on the surface of earth will benefit with activities of this year.
http://en.wikipedia.org/wiki/International_Year_of_Planet_Earth