

CLUSTER MEETING – 04th Oct 2012

Dear colleagues and friends,

GeoScience Wales Ltd are delighted to announce our next Cluster meeting on the evening of Thursday, 04th Oct 2012 at 6.00pm (the talk to start at 6.30pm). Refreshments and buffet food will be available to all who attend but if you are interested in attending, please let me know by return so we can be sure of our catering supplies.

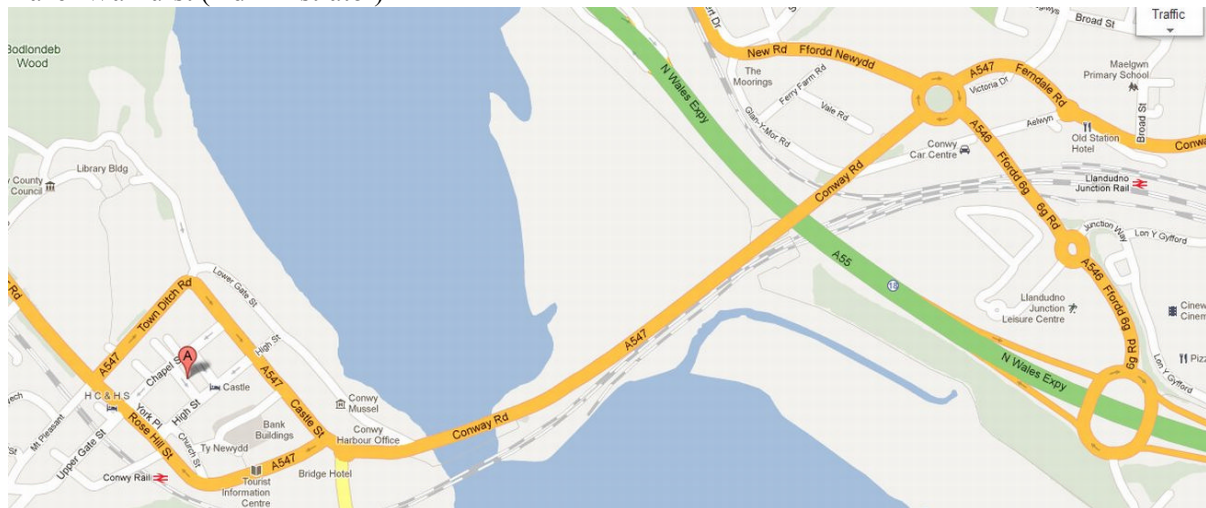
The talk will take place at the Royal Cambrian Academy, Crown Lane, Conwy, LL32 8AN, as per the details in the attached pdf file. I also attach below a small map below showing directions for those who do not know the geography of Conwy too well. Although parking spaces can be found in the streets near to the venue, on street parking may be unsuitable for some vehicles of the larger variety. There is a 'pay and display' car park off Rose Hill Street near the castle, on the one way system and this is only a short walk from the venue.

GWL has organised seminars and field trips in the surrounding area for the last 6 years and has an established track record in the provision of high calibre speakers as well as providing attendees with the opportunity to network with other geological professionals.

Geoscience Wales Ltd. invites those of you who are not yet members to join as Associates so that you can benefit from the events we organise, the networking opportunities and the marketing opportunities we can offer both passive (website etc.) and through our active global marketing effort. If you would like to gain more information on becoming a member of GWL, please contact us by email at admin@geoscience-wales.co.uk. We welcome members of all backgrounds in the earth and related sciences and fees for Associates (small businesses and sole traders) are currently only £50 per annum, renewed at the beginning of each year.

Warm regards

Hazel Warhurst (Administrator)





GWL Cluster Meeting

Thursday 04th October 2012; 6:00 for 6:30 pm

Interpretation of Tectonics of Passive Margin of NE Greenland from New Seismic Reflection Data and Geological - Geophysical Constraints

Venue: Royal Cambrian Academy in Crown Lane, Conwy @ 6:30. Refreshments @ 6:00.

Speaker Biography:

Dr Menno G. Dinkelman joined ION-GX Technology in 2005. He is Chief Geologist BasinSPAN Programs with primary focus on the interpretation of the Arctic, North Atlantic and SE Asia programs. Prior to joining ION-GXT Dr Dinkelman was principal geologist at Gaffney, Cline & Associates. Throughout the 1980's he was a senior research scientist /geologist at Conoco and ARCO, and exploration advisor for the Ministry of Oil and Mineral Resources in the Yemen Arabic Republic. From 1973 to 1980 he was on the faculty of the Department of Geology at Florida State University. He has intermittently worked as an independent consulting geologist in Europe and the US. Dr Dinkelman holds degrees in the Natural Sciences and Geology from the ETH in Zürich and a PhD in Geological Oceanography from Oregon State University. He is a member of HGS, GCAGS, SEPM and SEG.

Abstract:

Three phases of deep 2D seismic acquisition and PSDM processing over the past 4 years provide regional coverage of the NE Greenland Atlantic passive margin. It is a Tertiary volcanic-rich passive margin developed upon a Caledonian orogenic crust and its cover. A foundation of Late Paleozoic successor basins, Mesozoic extensional basins, and earliest Tertiary transpressional zones are characterized by complexity now inherited in the segmentation and geometry of the passive margin prism. The array of basins and their deep architecture suggests a west to east, chronological progression of pre-rift, sag and oceanic rift basins in the NE Greenland shelf and slope. This presentation reviews the geology of the NE Greenland margins, one of the few remaining, completely undrilled major petroleum basins, incorporating the knowledge from recent seismic imaging.

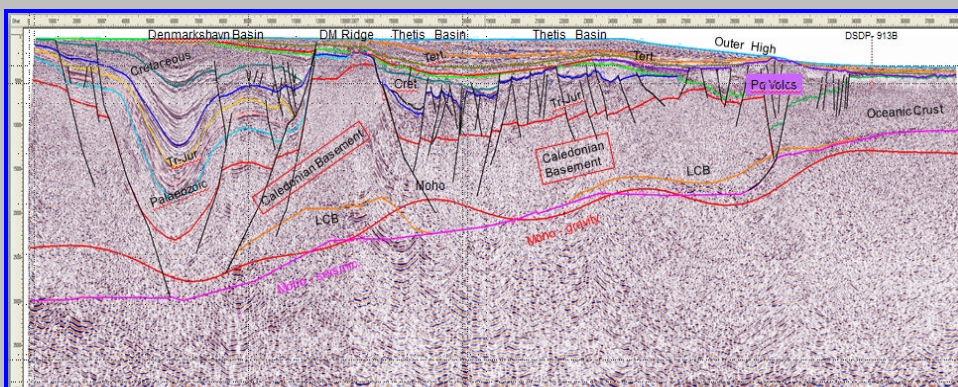


Fig. 1. PSDM Profile 1800, 380 km long, 40 km deep. Note both seismic and gravity interpretation of Moho. V.E. x 2.5