



CENTRAL & NORTH ATLANTIC

CONJUGATE MARGINS CONFERENCE
DUBLIN 2012

THIRD CONJUGATE MARGINS CONFERENCE 2012



COUNTY CLARE, REPUBLIC OF IRELAND - FIELD TRIP GUIDE

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Field Trip - County Clare, West of Ireland

Leaders

Dr Peter Haughton and Professor Patrick Shannon, School of Geological Sciences, University College Dublin

Location

Loop Head and adjacent areas, County Clare, West of Ireland

Geology

The Atlantic coastline and outer Shannon estuary of south County Clare, western Ireland, are renowned for their world-class exposures of deep water, slope and delta deposits dating from the Upper Carboniferous period (c.340 million years old). In addition, the area includes spectacular examples of soft sediment deformation features (structures produced after the sediment was deposited by disturbance when still poorly consolidated). One of the main attractions of the area is that high sea cliffs provide large, 'reservoir-scale' slices through the various deposits. This is thus a well-trodden area for both academic and industry field parties seeking a rare glimpse of how sedimentary rocks are arranged at 100m to km length scales. In recent years this area of Co. Clare has also become a test bed for sequence stratigraphy, with far-reaching applications in the search for and exploitation of hydrocarbons and understanding how basins fill.

Related articles in the March edition of the AAPG Explorer:

Ireland Outcrops Still Yield Deep Secrets
Clare Research Has Far-Reaching Impact
A Geologists' Mecca

www.aapg.org/explorer/2012/03mar/ireland0312.cfm
www.aapg.org/explorer/2012/03mar/clare_research0312.cfm
www.aapg.org/explorer/2012/03mar/ireland0312.cfm

Outline Itinerary

Pick up in Dublin on Friday 17th August 2012 at 9.00 am and travel to Kilkee. Then three days based in Kilkee area with short trips around the Loop peninsula, a boat trip on the Shannon Estuary, and then returning to Dublin on Tuesday 21st 2012 via the Cliffs of Moher and the Burren. [Details TBA].

Friday

17th

August

- 09.00 depart Trinity College, Dublin and travel to Kilkee. Stay at Stella Maris Hotel for 4 nights

Three days based in Kilkee area with short trips around the Loop peninsula. If weather permits it will include a boat trip along the cliff sections in the Shannon Estuary

Tuesday **21st** **August**

- 09.00 return via the Cliffs of Moher and the Burren
- 16.00 arrive Trinity College, Dublin

Cost

Single	Room	€800
Sharing	Twin Room	€650
*Student	Sharing Twin Room	€325

**Student refers to MSc and PhD Researchers who have papers or posters accepted by the conference committee.*

Cost includes coach pickup from Trinity College, Dublin, travel to location, bed and breakfast accommodation for four nights, dinner for four nights, boat trip in Shannon Estuary. Cost does not include lunch or any gratuities.

Numbers

Numbers Limited to 21 delegates plus the organisers. The organisers reserve the right to cancel the trip if less than 12 paid delegates have booked.

A copy of Dr. Ronán Hennessy's document "The Burren - A brief geological Tour" is available [HERE](#)



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Ross Formation



Karst Limestone Pavement at Murroughtoohy



The Cliffs of Moher



The Cliffs of Moher



The Burren



The Burren



Karst Limestone Pavement at Doolin Pier



Shale cliffs south of Doolin Pier



Gull Island Formation at Doolin



Fisherstreet Slide, south of Doolin



Tullig Sandstone



Rig coring Ross Sandstone near Loop Head



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