

A light gray world map is centered in the background of the slide. The text 'EGI connect' is overlaid on the map. 'EGI' is in large, bold, red letters, and 'connect' is in white letters with a black outline and a drop shadow.

EGI connect

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Director and Research Professor
Energy & Geoscience Institute – University of Utah

ESRI PETROLEUM GIS CONFERENCE



Who is EGI

- Largest geoscience technology consortium of its kind in the world located at University of Utah
- Provides applied research in hydrocarbons and geothermal applications for government and industry
- Corporate Associate Program includes member companies from over 70 industry leading oil and gas companies



Corporate Associate Members

- | | | | |
|-----------------------|--------------------|---------------------|------------------|
| ADDAX Petroleum | Devon | Marathon | RepsolYPF |
| AFREN | DNO | Murphy Oil | ROC Oil |
| Anadarko | Encana | Newfield | RWE Dea |
| Apache | Enel | Nexen | Santos |
| AWE | Eni | Noble Energy | Seneca Resources |
| Bahamas Petroleum Co. | E.ON Ruhrgas E&P | Occidental | Shell |
| Beach Energy | Excalibur Ventures | ONGC | SK E & P |
| BG Group | ExxonMobil | Ophir Energy | Southwestern |
| BHP Billiton | GDF Suez | ORLEN | Statoil |
| BP | Hess | Parex Resources | Suncor |
| CAIRN INDIA | Hunt Oil | Petrobras | Talisman |
| Casa Exploration | ICON Energy | PetroChina | TAQA |
| Chesapeake Energy | INPEX Corporation | Petro-Hunt | Total |
| CGX Energy | JAPEX | Petronas-Carigali | TNK-BP |
| Chevron | Kosmos Energy | Plains E&P | Tullow Oil |
| CNOOC | LUKOIL | Questar | Wintershall |
| Cobalt International | Lundin Group | Red Leaf | Woodside |
| ConocoPhillips | Maersk Oil | Reliance Industries | |



Looking for a solution

- Extensive Library of reports and data from research projects
- Manual access to Library by members
- Reports and data delivered in hardcopy format
- Security issues on proprietary content



Solution requirements

- More efficient and effective access to EGI content
- Provide both spatial and textual interface
- Geographically relevant and timely searching capabilities
- Streamlined secure delivery of content



- Regions
- Projects
- Layers
- Search
- Data Viewer





Regions

- Asia Pacific
- Central and South America
- Europe
- Former Soviet Union
- Middle East and North Africa
- North America
- South Asia
- Sub-Sahara Africa

- Projects
- Layers
- Search
- Data Viewer





Regions

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Projects

Layers

Search

Data Viewer

Map		Regional List	
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	Project Proposed	Paleogene-Early Miocene tectonic deposition interaction in the Llanos foreland basin Colombia Llanos Satellite Imagery Phase 2 Llanos Basin	Reference #: IS0104 Date:
		Region: Central and South America	
		Abstract	Show on Map
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	Project Proposed	Structural Development and Depositional History of the Upper Magdalena Basin Colombia Upper Magdalena	Reference #: IS0103 Date:
		Region: Central and South America	
		Abstract	Show on Map
		View / Download Entire Report	
	EGI Study	A COMPREHENSIVE STUDY OF K-4 (MONSERATE FORMATION) CORES, NEIVA BASIN, COLOMBIA, FINAL REPORT (VOLUMES I AND II) Upper Magdalena	Reference #: IS0000 Date: 1984-03
		Region: Central and South America	
		Abstract	Show on Map
		View / Download Entire Report	
	EGI Study	A REPORT ON THE MALARGUE SUR BLOCK, MENDOZA PROVINCE, ARGENTINA Neuquen Basin	Reference #: IS0149 Date: 1982-00
		Region: Central and South America	
		Abstract	Show on Map
		View / Download Entire Report	
	EGI Study	A STRUCTURAL STUDY OF TWO BALANCED CROSS SECTIONS IN THE SOUTHERN SUBANDEAN RANGES, BOLIVIA Andean Province	Reference #: IS0651 Date: 1995-11
		Region: Central and South America	
		Abstract	Show on Map
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	EGI Study	ATRATO RIVER VALLEY, GULF OF URABA, COLOMBIA - PHASE 1: PHOTOGEOLOGY SURVEY Lower Magdalena, Choco Pacific Basin	Reference #: IS0253 Date: 1989-06
		Region: Central and South America	
		Abstract	Show on Map
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	EGI Study	BAHAMAS HYDROCARBON PROSPECTIVITY - AN EGI PEER-ASSIST REPORT FOR HARDMAN RESOURCES LTD. Bahama Platform	Reference #: IS0809 Date: 2005-06
		Region: Central and South America	
		Abstract	Show on Map
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	EGI Study	BARREIRINHAS BASIN OIL SPILL MODEL - AN EVALUATION OF OCEANSAT REPORT TO DEVON ENERGY CORPORATION Barreirinas Basin	Reference #: IS0767 Date: 2003-11
		Region: Central and South America	
		Abstract	Show on Map
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	EGI Study	BASEMENT-COVER TECTONICS ALONG THE EASTERN MARGIN OF THE CENTRAL CORDILLERA, NEIVA BASIN REGION, UPPER MAGDALENA VALLEY, COLOMBIA Upper Magdalena	Reference #: IS0078 Date: 1982-00
		Region: Central and South America	
		Abstract	Show on Map
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100080: A COMPREHENSIVE STUDY OF K -4 (MONSERRATE FORMATION) CORES, NEIVA BASIN, COLOMBIA, FINAL REPORT (VOLUMES I AND II)

Executive Summary:

This is an initial and final report on data collected and analyzed for the comprehensive petrographic study of three cores from the Monserrate Formation (K-4), Colombia, South America.

The purpose of the study was: i) To determine the mineral composition of the framework grains and identify the clays and cements, if present. ii) To determine the diagenetic history. iii) To describe the effects of tectonics on the K-4, i.e. fracture patterns.

The project was divided into two phases: 1. Field description of the core and selection of samples for detailed petrographic analysis. 2. Detailed petrographic analysis of the samples. The core analysis consisted of a detailed field description, recording composition, textures, primary bedding characteristics, and tectonic fracture patterns. Cores from Tello-9, Palogrande-9 and Cebu-5 wells were used as the database for the study. One hundred and seventy nine samples were cut into thin sections, one hundred and five samples analyzed by X-ray diffraction and thirty samples examined using scanning electron microscopy.



Regions

- Asia Pacific
- Central and South America**
- Europe
- Former Soviet Union
- Middle East and North Africa
- North America
- South Asia
- Sub-Sahara Africa

- Projects
- Layers
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Map: Regional List (1-25 of 324)

Project Proposed
Paleogene-Early Miocene tectonic deposition interaction in the Llanos foreland basin Colombia Llanos Satellite Imagery Phase 2
Llanos Basin
Region: Central and South America Reference #: IS0104 Date:
[Abstract](#) [Show on Map](#) [View / Download Entire Report](#)

Project Proposed
Structural Development and Depositional History of the Upper Magdalena Basin Colombia
Upper Magdalena

Downloads for 100080

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Project Proposed
Barrocinax Basin
Region: Central and South America Reference #: IS0787 Date: 2003-11
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Project Proposed
BASEMENT-COVER TECTONICS ALONG THE EASTERN MARGIN OF THE CENTRAL CORDILLERA, NEIVA BASIN REGION, UPPER MAGDALENA VALLEY, COLOMBIA
Upper Magdalena
Region: Central and South America Reference #: IS0076 Date: 1982-00
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ASIN, COLOMBIA, FINAL REPORT (VOLUMES I
SUBANDEAN RANGES, BOLIVIA
SURVEY
ARDMAN RESOURCES LTD.
TO DEVON ENERGY CORPORATION



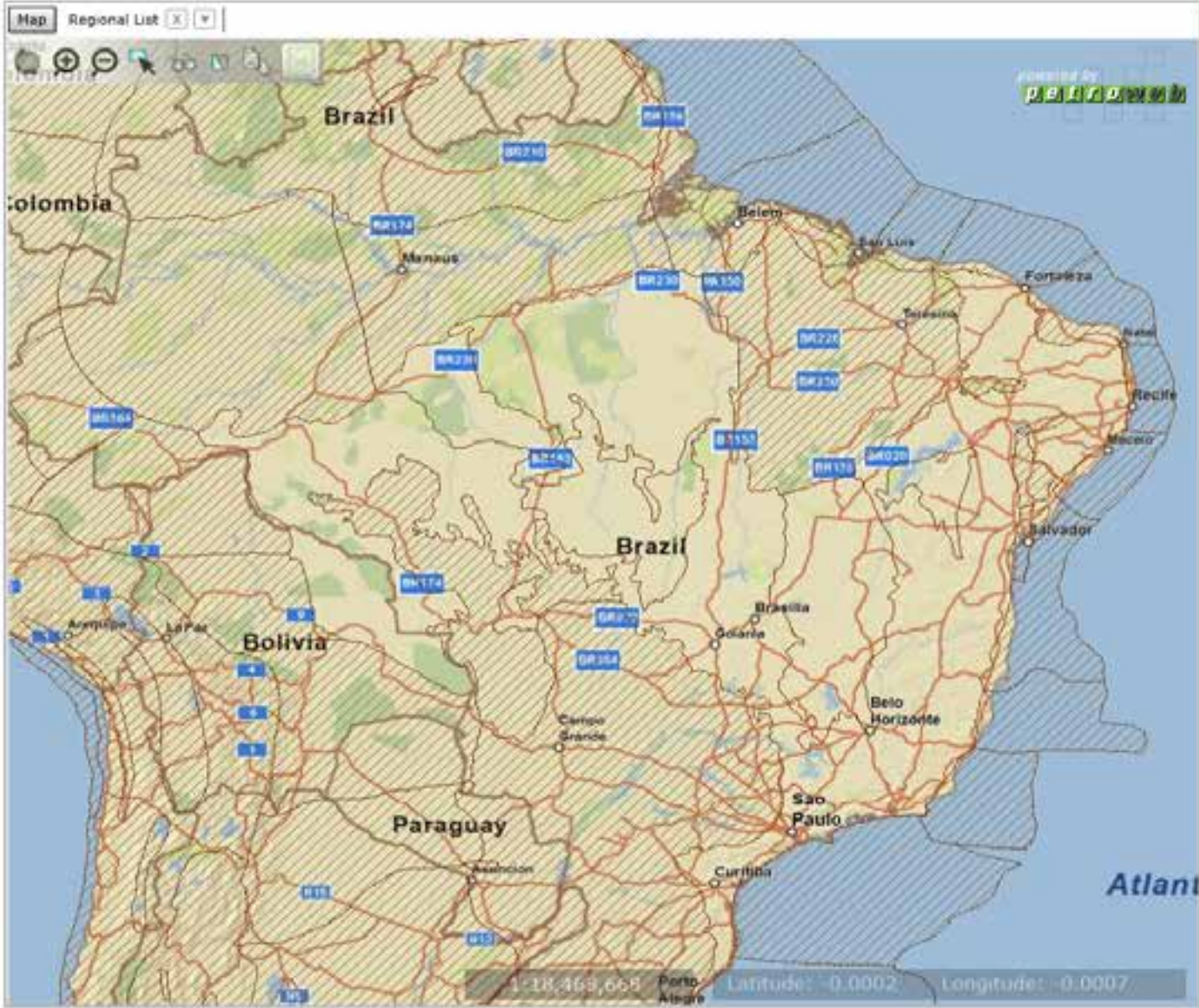
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A Report on the Malargue Sur Block Mendoza Province, Argentina





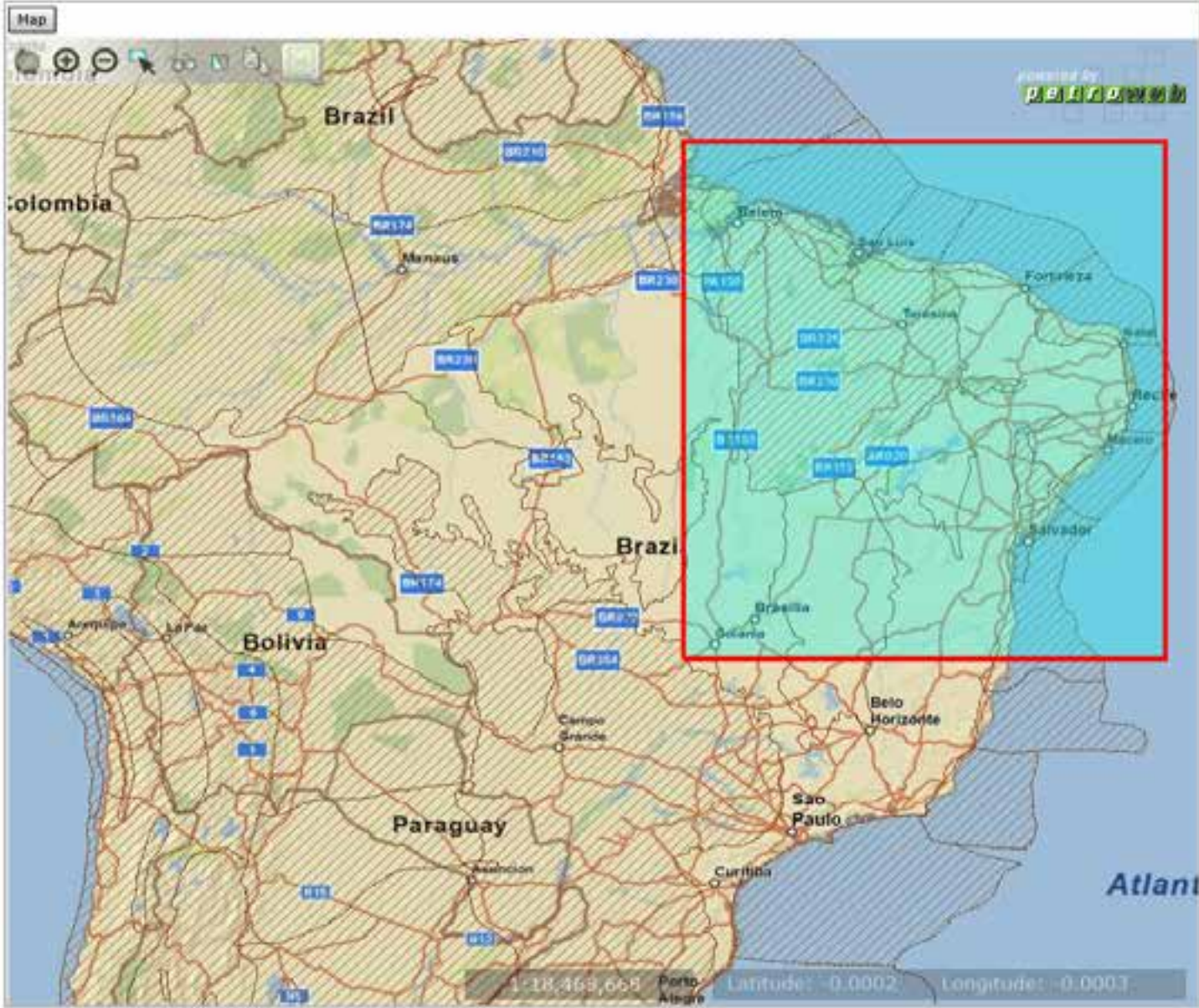
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- Regions
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EGI Basin Studies (19)



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- Regions
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EGI Basin Studies (19)

Study List



Study List

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	<p>BARREIRINHAS BASIN OIL SPILL MODEL - AN EVALUATION OF OCEANSAT REPORT TO DEVON ENERGY CORPORATION Barreirinhas Basin Region: Central and South America Reference #: 100767 Date: 2003-11</p> <p>Abstract Show on Map View / Download Entire Report</p>
	<p>BM-ES-11 METEOCEAN CONDITIONS San Luis Basin Region: Central and South America Reference #: 100745 Date: 2002-07</p> <p>Abstract Show on Map View / Download Entire Report</p>
	<p>EVALUATION OF DATA AVAILABLE FOR A GEOLOGIC RESEARCH PROJECT OF THE OFFSHORE FOZ DO AMAZONAS REGION OF NORTHERN BRAZIL Foz de Amazonas Basin Region: Central and South America Reference #: 100778 Date: 2001-04</p> <p>Abstract Show on Map View / Download Entire Report</p>



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A Report on the Malargue Sur Block Mendoza Province, Argentina



View over Malargue, Argentina



Opening the flood gates

- Immediate adoption by Corporate Associate Members
- Rediscovery of the value of the Data Library through the new GIS interface
- Increased Corporate Associate membership value proposition
- **“This is great but what’s next”**



EGIconnect – the EGI Portal

- Add and blend complimentary 3rd party data sources
- Enhanced functionality for sorting, group and filtering
- Indexing across all content to perform Google-like searches
- New spatial layers (enhanced basin layer, world basemap, worldwide field outlines, etc.)
- Ability to preview EGI developed studies as ArcGIS projects