

## **Titles of Meeting Papers and Publications by DIGs and Associates**

### **Southeast Asia Petroleum Exploration Society: SEAPEX Press (Quarterly)**

Ongoing series from July 2020 on Basins of the South China Sea Region by William Dickson and James Granath, based on a regional petroleum systems study by Christ, Dickson & Granath

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### **SEAPEX-PESGB Asia Pacific E&P Conference, London, Jun 18-19, 2024**

What's my line? A passing fancy or here to stay?

William Dickson, James Granath

### **HGS/PESGB Africa Conference, London, Sep 20-21, 2023**

Marginal Musings on Africa's Atlantic basins: a High Spark For Low-Relief Plays.

William Dickson

### **SEG & AAPG IMAGE-3, August 2023, Houston**

Exploration detective stories: Augmenting seismic with other disciplines in the Niger Delta and Brazil's Sergipe and southern Santos Basins (pp. 1783-1786).

William Dickson

### **SEAPEX Exploration Conference, Singapore, March 5-6, 2023.**

SE Asian Basins on a Shoestring: A Look Underneath at Basin Formation around the South China Sea, some Potential Play Fairways and a Wistful Comparison to Atlantic Margin Super-plays <https://www.seapexconf.org/technical-programme-2023>

William Dickson

### **SEG & AAPG IMAGE-2, August 2022, Houston**

The curious case of the oddball oils: A Merluza mystery in Southern Santos (pp. 1501-1505).

Dickson, W., Schiefelbein, C., Gamboa, L.A., Granath, J.W. and Odegard, M.E.,

### **SEAPEX-PESGB Asia Pacific E&P Conference, London, Jun 28-30, 2022**

Tectonic Evolution of the South China Sea Region: Looking Deeper and Broader with SEATIGER

William Dickson, James Granath and Mark Odegard

### **AAPG(LACR)-ABGP-VTS: Optimizing E&D Opportunities in Brazil's New Regulatory Scenario, Jun 22-23, 2021**

Sergipe Surprises and Suppositions: Deepwater Test Area for Source, Reservoir and Trap Development

William Dickson, Mark Odegard, Craig Schiefelbein, David Rajmon and Seva Egorov

### **AAPG(LACR)-ACGGP-VTS: E&D in S Caribbean Frontier Basins, Mar 17-18, 2021**

COGS (Columbus-Orinoco-Guyana-Suriname) Petroleum Systems: Settled Science Versus Debatable Space

William Dickson, Kyle Reuber and Mark Odegard

### **AAPG-LACR-VTS: South Atlantic Basins, Dec 3-4, 2020**

The Same But Different: Extrapolated Exploration for Brazil's Southeast Basins. What Still Applies, What Needs New Thinking, and What About Pelotas?

William Dickson, Craig Schiefelbein and Mark Odegard

**HGS/PESGB Africa Conference, Houston (virtual), Oct 2020**

Karoo-related basin-forming fault systems of northern Namibia  
James Granath, Ansgar Wanke, William Dickson and Mark Odegard

From the Eastern Brazilian Rift Systems (EBRIS) to the entire South Atlantic Margin:  
Geochemical Classification of 1500 Crude Oils

Craig Schiefelbein, William Dickson, Carlos Urien and John Zumberge

**AAPG-LACR-VTS: SE Caribbean & Guiana Basins, Sep 17-18, 2020**

'Turning to the Right' in the COGS (Columbus-Orinoco-Guyana-Suriname) Basins: Digging into their Gross Architecture, Filling and Hydrocarbon Generation Stories

William Dickson and Mark Odegard

**Interpretation, v7, n4, Nov 2019:** <https://doi.org/10.1190/INT-2018-0204.1>

Defining a supergiant petroleum system in Brazil's Santos Basin with multidisciplinary methods:  
One template for exploration success

William Dickson, Craig Schiefelbein and Mark Odegard

**AAPG-GTW, Nov 6-7, Paramaribo, Suriname and EAGE-HGS LatAm, Nov 18-20, 2019  
Houston:**

The Lone Ranger or a Posse of Prospects? A Deepwater Playground from Guyana to Cape Town  
William Dickson, Craig Schiefelbein & David Rajmon

**AAPG-ICE, Aug 27-30, 2019, Buenos Aires**

New Life to Old Exploration Maps: Regional Tools for Student and Professional  
William Dickson, Gareth Williams & Carlos Urien

Summary article *New Life to Old Maps*: <https://www.geoexpro.com/articles/2020/02/new-life-to-old-maps>

Geochemical Assessment of Basins Along the Western South Atlantic Margin

Craig Schiefelbein, John Zumberge, William Dickson, Carlos Urien & Mike Hiner

**AAPG-ACE, May 19-22, 2019, San Antonio, Texas**

To Deepwater Sergipe Basin and Beyond: Q&A From Integrated Geoscience Investigations of Oils From Recent Wells (**expanded abstract available**)

William Dickson and Craig Schiefelbein

**ALAGO XV, Salvador, Brazil, Nov 2018**

Genetic Comparison of Crude Oils from West Africa and South American Conjugate Basins

Craig Schiefelbein, William Dickson, Carlos Urien & John Zumberge

**Rio Oil & Gas, Rio de Janeiro, Sep 2018**

To deep water Sergipe-Alagoas Basin and beyond: projections and cautions from recent drilling and geochemical analysis

Craig Schiefelbein and William Dickson

**HGS/PESGB Africa Conference, Houston, Sep 2018**

Tracing the West and Central African Rift and Shear Systems offshore onto oceanic crust: a 'rolling' triple junction.

William Dickson and James Granath

**Denver International Petroleum Society, Apr 2018**

African transcontinental shear systems as models of intraplate block faulting: a new way to look at the Ancestral Rockies or Laramide uplifts?

James Granath and William Dickson

**AAPG London, Oct 2017**

Organization of African Intra-Plate Tectonics

James Granath and William Dickson

[http://www.searchanddiscovery.com/pdfz/documents/2018/30555granath/ndx\\_granath.html](http://www.searchanddiscovery.com/pdfz/documents/2018/30555granath/ndx_granath.html)

(expanded presentation!)

**Conjugate Margins Conference CMC 2017, Pernambuco, Brazil**

Genetic Comparison of Crude Oils from West Africa and South American Conjugate Basins

Craig Schiefelbein, William Dickson, Carlos Urien, John Zumberge

<http://www.conjugatemargins.com.br/Program/program.html>

**AAPG Houston, Apr 2017**

A Royal Flush in the Great Campos (Brazil's Santos-Campos) Basin

Craig Schiefelbein and William Dickson

[http://www.searchanddiscovery.com/pdfz/documents/2017/10994schiefelbein/ndx\\_schiefelbein.html](http://www.searchanddiscovery.com/pdfz/documents/2017/10994schiefelbein/ndx_schiefelbein.html)

(expanded presentation!)

Why not both conventional and unconventional exploration in sub-Saharan Africa?

James Granath and William Dickson

**SPE-AAPG Africa Energy and Technology Conference, Nairobi, Dec 2016**

Regionally Connected Structural Systems: The Power of the Big (Continental-Scale) Picture

James Granath and William Dickson

[http://www.searchanddiscovery.com/pdfz/documents/2017/30490granath/ndx\\_granath.html](http://www.searchanddiscovery.com/pdfz/documents/2017/30490granath/ndx_granath.html)

**HGS/PESGB 15th International Symposium Houston, Sep 2016**

Cross-Africa Shear Zones and Their Kinematic Relationship to Rift Basins

James Granath and William Dickson

South Atlantic Hydrocarbons Through Space and Time

Craig Schiefelbein and William Dickson

**AAPG Calgary, May 2016**

Connecting the Dots: Correlating Oil Geochemistries (Points) Along and Across the South Atlantic Margins

William Dickson and Craig Schiefelbein

<http://www.searchanddiscovery.com/abstracts/html/2016/90259ace/abstracts/2377620.html?q=%2BtextStrip%3Adickson+%2BtextStrip%3Aschiefelbein+%2BtextStrip%3A2016>

**The Geological Society Special Publication 431**

Petroleum systems asymmetry across the South Atlantic Equatorial Margins

William Dickson, Craig Schiefelbein, Mark E. Odegard and John E. Zumberge

<https://doi.org/10.1144/SP431.13>

Development history of the southern terminus of the Central Atlantic; Guyana-Suriname case study

M. Nemcok, S. Rybár, M. Odegard, W. Dickson, O. Pelech, L. Ledvényiová, M. Matejová, M. Molcan, S. Hermeston, D. Jones, E. Cuervo, R. Cheng and G. Forero  
<http://sp.lyellcollection.org/content/early/2015/12/04/SP431.10.abstract>

**GCS-SEPM Bob F Perkins Research Conference, Houston, Dec 2015**

Petroleum Systems Asymmetry across the South Atlantic Equatorial Margins  
William Dickson, Craig Schiefelbein, John Zumberge and Mark Odegard

Searching High and Low: Correlating shallow (drift phase) and deep (rift phase) structural trends with surface and subsurface geochemistry in the Niger Delta, West Africa  
William Dickson and Craig Schiefelbein

**IMOG, Prague, Sep 2015**

Evolution of Petroleum System Assessments - Santos Basin, Brazil: Fragile to Robust in a Decade  
Craig Schiefelbein and William Dickson

**AGU-SEG Workshop, Keystone, Aug 2015**

Mapping Sag and Rift Basins from Inverted Gravity and Magnetic Compilations: Potiguar Basin, Brazil; the East African Rift System and the Continents that Contain them  
William Dickson; Dr Mark E Odegard and Craig Schiefelbein

**AAPG Denver, May-Jun 2015**

Oil terroirs of West Africa and the South American conjugate basins (poster)  
Craig Schiefelbein, William Dickson, Jim Brooks and John Zumberge

Petroleum Systems Asymmetry across the South Atlantic Equatorial Margins (poster)  
William Dickson, Craig Schiefelbein, John Zumberge and Mark Odegard

Southern South Atlantic Conjugates Passive Volcanic Margins Reconstruction: Building on Geology, Geophysics and Geochemical Data Carlos Urien; Craig Schiefelbein; William Dickson; Mark Odegard; M.Paterlini; Y.Berbeglia; María Alejandra Arecco; and M.Jimenez

**XIV Latin-American Congress on Organic Geochemistry (ALAGO), Rio de Janeiro, Nov 2014**

Southern Atlantic Petroleum Systems Craig Schiefelbein; William Dickson; John Zumberge

**Rio Oil and Gas Expo and Conference, Rio de Janeiro, Sep 2014**

Evolution of petroleum systems assessments, Santos Basin, Brazil: fragile to robust in a decade  
Craig Schiefelbein; William Dickson

**HGS/PESGB 13th International Symposium Houston, Sep 2014**

Oil Terroirs of West Africa and the South American Conjugate Basins  
William Dickson; Craig F. Schiefelbein; Mark E. Odegard; John E. Zumberge

**AAPG Houston, Apr 2014**

Challenge and Response: Identification of Petroleum Systems across the South Atlantic Equatorial Margins William Dickson, Craig Schiefelbein, Mark Odegard and John Zumberge

Noise into Signal Around the South Atlantic Margins: Reverse Geochemical Analysis Using Spatial Inputs William Dickson, Craig Schiefelbein, Jim Brooks and John Zumberge

**Energy Geoscience Institute (EGI), U of Utah, Sheared Margins Workshop, Oct 2013**

Challenges to Petroleum Systems Interpretations across the Equatorial and South Atlantic Margins William Dickson, Craig F. Schiefelbein, Mark E. Odegard and John E. Zumberge

**SEG Houston, Sep 2013**

Mapping Narrow Rift Basins from Inverted Gravity and Magnetic Compilations: Potiguar Basin, Brazil and the East African Rift System William Dickson and Mark E Odegard

**Geoconvention, Calgary, May 2013; ESRI PUG, Houston, May 2013; AAPG Cartagena, 2013; HGS/PESGB 12th International Symposium Houston, Sep 2013**

Defining Frontier Petroleum Systems with Higher Granularity: Examples from Plate Reconstructions of the Atlantic Margins (three as posters, various versions; one talk) William Dickson, Craig F. Schiefelbein, Mark E. Odegard, and John E. Zumberge

**AAPG Singapore, Sep 2012**

Lacustrine Source Evaluation Updated: Applying South Atlantic successes to SE Asia William Dickson, Craig Schiefelbein and Janice Christ-Stringer  
<http://www.searchanddiscovery.com/abstracts/html/2012/90155ice/abstracts/di.htm>

Tectonics of the western and northwestern rim of the South China Sea---implications to petroleum system parameters Jim Granath, Janice Christ-Stringer and William Dickson  
<http://www.searchanddiscovery.com/abstracts/html/2012/90155ice/abstracts/gr.htm>

**HGS/PESGB 11th International Symposium Houston, Sep 2012**

Girassol - Angola's First Deepwater Pre-salt Discovery? Craig Schiefelbein, GSI; William Dickson, DIGs; John Zumberge, Geomark; and Jim Brooks, TDI-Brooks

**AAPG Long Beach, Apr 2012**

Girassol - Angola's First Deepwater Pre-salt Discovery? Craig Schiefelbein, GSI and William Dickson, DIGs  
[http://www.searchanddiscovery.com/documents/2012/20142dickson/ndx\\_dickson.pdf](http://www.searchanddiscovery.com/documents/2012/20142dickson/ndx_dickson.pdf)

**AAPG Milan, Oct 2011**

Searching High and Low: Correlating shallow and deep structural trends along the West African Margin to determine sediment transport and hydrocarbon migration controls. William Dickson, DIGs and Craig Schiefelbein, GSI  
<http://www.searchanddiscovery.com/abstracts/html/2011/ice/abstracts/abstracts126.html>

**HGS/PESGB 10th International Symposium London, Sep 2011**

Searching High and Low: Correlating shallow and deep structural trends along the West African Margin to determine sediment transport and hydrocarbon migration controls. William Dickson, DIGs and Craig Schiefelbein, GSI

**AAPG Eastern Section, Washington, DC, Sep 2011**

Central Atlantic Conjugate Margin Development: Paleoreconstructions, Basin Evolution, and Implications for Hydrocarbon Exploration. Paul J. Post, BOEMRE, Erin T. Elliott, BOEMRE, William Dickson, DIGs and Mark E. Odegard, GrizGeo  
[http://www.searchanddiscovery.com/abstracts/pdf/2011/eastern/abstracts/ndx\\_post02.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2011/eastern/abstracts/ndx_post02.pdf)

**AAPG Houston, Apr 2011**

Hot Enough for Ya? Compilations of Heat Flow Values and Source Rock Data Along the Western Central Atlantic Margin WG Dickson and JM Christ - pp14  
[http://www.searchanddiscovery.com/documents/2011/30170dickson/ndx\\_dickson.pdf](http://www.searchanddiscovery.com/documents/2011/30170dickson/ndx_dickson.pdf)

**AAPG Calgary, Sep 2010**

East, West, Which Is Best? Brazilian Versus West African Transform Margin Hydrocarbon Play Elements WG Dickson, CF Schiefelbein, ME Odegard  
[http://www.searchanddiscovery.com/abstracts/pdf/2010/intl/abstracts/ndx\\_dickson02.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2010/intl/abstracts/ndx_dickson02.pdf)

What's Cooking? Source Rock Descriptions and Hydrocarbon Potential of the Western Central Atlantic Margin WG Dickson, JM Christ, PJ Post, ME Odegard  
[http://www.searchanddiscovery.com/abstracts/pdf/2010/intl/abstracts/ndx\\_dickson.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2010/intl/abstracts/ndx_dickson.pdf)

**HGS/PESGB 9th International Symposium Houston, Sep 2010**

Going Round the Bend: African Margin Play Elements from Sierra Leone to Ghana and Inferences from Brazilian Conjugates WG Dickson, CF Schiefelbein, and ME Odegard

**AAPG New Orleans, Apr 2010**

Northwest Frontier Revisited: Newly Defined Rift Features Offshore Mauritania, Senegal and the Guineas of NW Africa WG Dickson, and ME Odegard  
[http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx\\_dickson.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx_dickson.pdf)

Hydrocarbon Prospectivity of the South West Atlantic Margin CM Urien, CF Schiefelbein, WG Dickson, and ME Odegard  
[http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx\\_urien.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx_urien.pdf)

Reef, Reef-Topped Volcano, Volcano or Carbonate-Topped Horst? Discriminating Examples from Indonesia's Offshore North Makassar, Gorontalo and Arafura Sea Regions WG Dickson, ME Odegard, JW Granath, D Hughes, JM Christ  
[http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx\\_dickson2.pdf](http://www.searchanddiscovery.com/abstracts/pdf/2010/annual/abstracts/ndx_dickson2.pdf)

**AAPG Rio de Janeiro, Nov 2009**

Western South Atlantic Margin Sedimentary Basins: Petroleum Systems and New Exploration Potential CM Urien, CF Schiefelbein, WG Dickson, ME Odegard  
<http://www.searchanddiscovery.net/abstracts/html/2009/intl/abstracts/urien.htm>

Shaken, Not Stirred: Oil Family Cocktails in Brazil Margin Basins, With and Without Salt WG Dickson, CF Schiefelbein, ME Odegard  
<http://www.searchanddiscovery.net/abstracts/html/2009/intl/abstracts/dickson.htm>

**SEG Houston, Oct 2009**

South and Central Atlantic map views of features tracing across oceanic, intermediate and continental crust and speculation on their interaction WG Dickson, and ME Odegard

**HGS/PESGB 8th International Symposium London, Sep 2009**

[http://www.pesgb.org.uk/pesgb/S4/S4\\_AfricaConference2009April.asp](http://www.pesgb.org.uk/pesgb/S4/S4_AfricaConference2009April.asp)

Paleo-tweezers: Extracting continental splinters from the West Africa margin WG Dickson, ME Odegard, CF Schiefelbein

### **AAPG Denver, Jun 2009**

The Seram Thrust System in Eastern Indonesia in Relation to Banda Back-Arc Spreading J. W. Granath, W. Dickson, M. E. Odegard, and J. M. Christ

<http://searchanddiscovery.net/abstracts/html/2009/annual/abstracts/granath.htm>

Stretching a Point: Correlating Oil Family Signatures to Reunite Orphans with Their Families in a Trans-Atlantic Village of Basins W. Dickson, C. F. Schiefelbein, and M. E. Odegard

<http://searchanddiscovery.net/abstracts/html/2009/annual/abstracts/dickson.htm>

Petroleum Systems along the Western South Atlantic Margin Assessed from Oil Geochemistry and Basin Redefinitions C. F. Schiefelbein, C. Urien, W. Dickson, and M. E. Odegard

<http://searchanddiscovery.net/abstracts/html/2009/annual/abstracts/schiefelbein.htm>

### **IAPG Houston, Jun 2009**

Petroleum Systems of the Deepwater Basins within the southwest Atlantic - a comparison of Brazil and Argentina Craig Schiefelbein, Carlos Urien, William Dickson and Mark Odegard

[http://www.iapghouston.org/event\\_details.php?eid=MDYwNDA5](http://www.iapghouston.org/event_details.php?eid=MDYwNDA5)

### **HGS International Group Meeting, Sep 2008**

<http://www.hgs.org/en/cev/?932>

Lacustrine Kitchens: Keys to Exploration Success in the Pre-Salt Play, Santos Basin, and Potential along the Eastern Brazil Margin W G Dickson and Craig Schiefelbein

### **Central Atlantic Margins Conference (CACM), Halifax, Aug 13-15, 2008**

[www.conjugatemargins.com/](http://www.conjugatemargins.com/)

U.S. East Coast: Continental Margin Evaluation with New Tools, Data and Techniques William Dickson, Mark Odegard, and Paul J. Post.

New Profile Models over the U.S. East Coast Continental Margin Mark Odegard, Paul J. Post and William Dickson.

### **AAPG San Antonio, Apr 2008**

Looking for the Mother Lode of the Pearl River Mouth Basin, China W. Dickson, J. Granath, M. E. Odegard, and J. M. Christ

<http://searchanddiscovery.net/abstracts/html/2008/annual/abstracts/409253.htm>

Extended Families: Predicting and Correlating Lacustrine Sourced Oils in a Pre-Salt Play, Santos Basin, Brazil and along the Eastern Brazil Margin W. Dickson, C. Schiefelbein, and M. E. Odegard

<http://searchanddiscovery.net/abstracts/html/2008/annual/abstracts/409239.htm>

Upgrading SAR Slick Interpretations in West Africa with Piston Cores, Oil Samples and Potential Fields Data W. Dickson, C. Schiefelbein, A. Williams, M. E. Odegard, and J. M. Brooks

<http://searchanddiscovery.net/abstracts/html/2008/annual/abstracts/409246.htm>

Cold Fusion: Igniting North Atlantic Cold Spots; Continental Margin Re-Evaluation with New Tools, Data and Techniques M. E. Odegard and W. Dickson

<http://searchanddiscovery.net/abstracts/html/2008/annual/abstracts/409259.htm>

### **GSH Potential Fields Group, Mar 2008**

Gluing Data Together: Structural and Lithological Inversion using Gravity and Magnetic Data Integrated with Geological Information over Very Large Areas Mark E Odegard and W G Dickson

<http://www.gshtx.org/en/cev/447>

**AGU Annual Meeting, Dec 2007**

Structural And Lithological Inversion Using Gravity And Magnetic Data Integrated With Geological Information M E Odegard, W G Dickson and J W Granath

[http://www.agu.org/meetings/sm07/sm07-sessions/sm07\\_T23A.html](http://www.agu.org/meetings/sm07/sm07-sessions/sm07_T23A.html)

**10th International Congress, SBGf, Rio de Janeiro, Brazil, 19-22 Nov 2007**

Structural And Lithological Inversion Using Gravity And Magnetic Data Integrated With Geological Information M E Odegard, W G Dickson and J W Granath

[http://sbgf.org.br/sistema\\_eventos/congresso/programa/programDay.asp](http://sbgf.org.br/sistema_eventos/congresso/programa/programDay.asp)

**COAS Marine Heat Flow Workshop, Oregon State U, Sep 2007**

The Application of New Developments in Geodynamics and Plate Tectonics to Hydrocarbon Exploration: Development of Predictive Methods Mark E. Odegard, William G. Dickson and Craig F. Schiefelbein

**Geologic Society Petroleum Group: Emerging Plays in Australasia, London, Jul 2007**

Regional mapping in Southeast Asia with inferences for reservoir distribution, source presence and burial: strides as big as the area! William Dickson, James Granath, and Mark Odegard

**SEC07 (SEAPEX Conference), Singapore, Apr 2007**

Nacred: Looking for the Mother Lode of the Pearl River Mouth Basin William Dickson, DIGs; James Granath, Midland Valley Exploration; Mark Odegard, Grizzly Geoscience; and Janice Christ, Consultant

[http://www.seapexconf.com/conference\\_programme.htm](http://www.seapexconf.com/conference_programme.htm)

**AAPG Long Beach, Apr 2007**

Contrasting Controls on Deep-Water Sediment Delivery on the Periphery of the South China Sea James Granath, Midland Valley Exploration; William Dickson, DIGs; Mark Odegard, Grizzly Geosciences; and Janice Christ, Geological Consultant

<http://aapg.confex.com/aapg/2007am/techprogram/A111092.htm>

Doing The Geochemical "Cotton Eye Joe" In West Africa (Niger Delta To Angola): Identifying The Source Of Radarsat Slicks With Piston Cores, Oil Samples, Potential Fields And Near-surface Seismic

William Dickson, DIGs; Craig Schiefelbein, Geochemical Solutions International; Alan Williams, Nigel Press Associates; Mark Odegard, Grizzly Geosciences; and James Brooks, TDI-Brooks Int'l Inc

[http://www.searchanddiscovery.net/documents/2007/07018annual\\_abs\\_lngbch/abstracts/lbDickson.htm](http://www.searchanddiscovery.net/documents/2007/07018annual_abs_lngbch/abstracts/lbDickson.htm)

**AAPG Perth, Nov 2006**

Four generations in a decade: Progress in regional tectonic mapping and petroleum systems analysis with satellite altimetry data

William Dickson, DIGs; Mark Odegard, Grizzly Geo and Jim Granath, Midland Valley Exploration

[http://www.searchanddiscovery.net/documents/2006/06142perth\\_abs/abstracts/dickson01.pdf](http://www.searchanddiscovery.net/documents/2006/06142perth_abs/abstracts/dickson01.pdf)

Deepwater exploration with 2D seismic layouts most likely to achieve economic benefit  
William Dickson, DIGs and Jon Savage, Jon Savage Consulting

[http://www.searchanddiscovery.net/documents/2006/06142perth\\_abs/abstracts/dickson02.pdf](http://www.searchanddiscovery.net/documents/2006/06142perth_abs/abstracts/dickson02.pdf)

**HGS/PESGB 5th International Symposium: "Africa: Elephants of the Future", London, 7-8 Sep 2006**

Congo Fan (West Africa) Petroleum Systems: Basin profile model movie reveals data gaps and working assumptions to match surface observations to history WG Dickson, DIGs; CF Schiefelbein, GSI; AG Requejo, GSI; JM Brooks, TDI-Brooks; Sujata Venkatraman, GXT, ME Odegard, Grizzly Geosciences

**AAPG Houston, Apr 2006**

MD2 (Multi- dimensional, Multi-disciplinary) Interpretation: Geochemical and Heat Flow Integration with 2.5D Seismic Interpretation Examples from Gabon, the Congo Fan, Kwanza Basin and Niger Delta William Dickson, DIGs, Craig Schiefelbein, GSI, and James Brooks, TDI  
[http://www.searchanddiscovery.net/documents/2006/06088houston\\_abs/abstracts/dickson01.htm](http://www.searchanddiscovery.net/documents/2006/06088houston_abs/abstracts/dickson01.htm)

Seismic Survey Planning and Interpretation in Widely Varied Tectonic Settings of Southeast Asia: Putting the Lines in Useful Places and Making the Most of the Design Tools and Resulting Profiles William Dickson, DIGs; Mark Odegard, Grizzly Geoscience; Jim Granath, Forest Oil International; Graham Gifford, GETECH and Janice Christ, J-SEA Geoscience

[http://www.searchanddiscovery.net/documents/2006/06088houston\\_abs/abstracts/dickson02.htm](http://www.searchanddiscovery.net/documents/2006/06088houston_abs/abstracts/dickson02.htm)

**GCS-SEPM Bob F Perkins Research Conference, Houston, Dec 2005**

[http://www.gcssepm.org/conference/2005\\_Prog\\_Abs.pdf](http://www.gcssepm.org/conference/2005_Prog_Abs.pdf)

Basin Analysis in Brazilian and West African Conjugates: Combining Disciplines to Deconstruct Hydrocarbon Systems William Dickson, DIGs; Craig Schiefelbein, Geochemical Solutions International, Inc.; John Zumberge , Geomark Research and Mark Odegard, Grizzly Geosciences

West African and Brazilian conjugate margins: Crustal types, architecture, and plate configurations

B.R. Rosendahl, W.U. Mohriak, M.E. Odegard, J.P. Turner, and W.G. Dickson

**ASCOPE, Manila, Nov 2005**

Triple E Seismic Survey Planning: Efficient, Effective and Economic William Dickson, DIGs and Jon Savage, Jon Savage Consulting

Trap Shooting with Satellite Altimetry Data: Seismic Survey Planning and Economic Justification over the Spratlys Area William Dickson, DIGs and Jon Savage, Jon Savage Consulting

**HGS/PESGB 4th International Symposium: "Africa: Path to Discovery", Houston, 7-8 Sep 2005**

MD2 (Multi-dimensional, multi-disciplinary) interpretation: Geochemical integration with 2.5D seismic interpretation examples from Gabon to the Congo Fan and Kwanza Basin William Dickson, DIGs, Craig Schiefelbein, GSI, and James Brooks, TDI

**AAPG Calgary, Jun 2005**

A Busted Flush In The Santos Basin (Brazil) Becomes A Winning Hand - Hydrocarbon Generation and Multi-path Migration on Shallow and Deepwater Flanks of the Basin. William Dickson, DIGs and Craig Schiefelbein, Geochemical Solutions International, Inc, [http://www.searchanddiscovery.net/documents/abstracts/2005annual\\_calgary/abstracts/dickson.htm](http://www.searchanddiscovery.net/documents/abstracts/2005annual_calgary/abstracts/dickson.htm)

Channel and canyon systems of an active margin: Improving and Extending basin-level mapping in the Sabah Basin of NW Borneo Janice Christ, William Dickson, DIGs and Jim Granath, Granath Associates [www.searchanddiscovery.com/documents/abstracts/2005annual\\_calgary/abstracts/christ.htm](http://www.searchanddiscovery.com/documents/abstracts/2005annual_calgary/abstracts/christ.htm)

**SEC05 (SEAPEX Conference), Singapore, Apr 2005**

Billions of barrels need traps and more: Satellite altimetry data over the Spratlys area strengthens evidence for economic features William Dickson, DIGs

**DFE04-PO-052, INDONESIA PETROLEUM ASSOCIATION**, Proceedings, Deepwater And Frontier Exploration In Asia and Australasia Symposium, Dec 2004  
Exploration-Scale Features from High Resolution Gravity and Topographic Datasets and their Derivatives

James Granath, Granath and Associates; William Dickson, DIGs; Janice Christ; Mark Odegard, GETECH

**SEAPEX Press, v 7, n 4, Q4, 2004, p58-64**

Shoestring Geoscience, Part II: Defining Exploration-Scale Features of the South China Sea from High Resolution Gravity and Topography William Dickson, DIGs; Janice Christ, and James Granath, Granath Associates

**AAPG Cancun, Oct 2004**

Hydrocarbon Neighbourhoods, Salt Diapirs and Oil Migration Limits: G3 Interpretation in Campos and Santos basins of Brazil William Dickson, DIGs; Rick Requejo, Geochemical Solutions International, Inc.; Craig Schiefelbein, Geochemical Solutions International, Inc.; and Mark Odegard, GETECH

<http://aapg.confex.com/aapg/can2004/techprogram/A89432.htm>

**SEG, Denver, Oct 2004**

Depth to basement using spectral inversion of magnetic and gravity data: Application to Northwest Africa and Brazil Mark E. Odegard, W. Robert Weber, GETECH, Inc.; Diana Dragoi Stavar, University of Houston; and William G. Dickson, Dickson International Geosciences

**SEAPEX Press, v 7, n 3, Q3, 2004, p48-55**

Shoestring Geoscience: The Backpacker's Guide to Exploration Potential of the South China Sea Region William Dickson, DIGs; Janice Christ, J-SEA Geoscience; and James Granath, Granath Associates

**HGS/PESGB 3rd International Symposium: "Africa: The Continent of Challenge and Opportunity", London, 7-8 Sep 2004**

The Laser Analogy for Defining Lacustrine Basins and Their Hydrocarbon Systems: Examples from West Africa and Brazil William Dickson, DIGs; Craig Schiefelbein, Geochemical Solutions International, Inc.; John Zumberge, Geomark Research and Mark Odegard, GETECH

[http://www.pesgb.org.uk/pesgb/S4/S4\\_Africaposter.asp?section=4](http://www.pesgb.org.uk/pesgb/S4/S4_Africaposter.asp?section=4)

**AAPG Dallas, Apr 2004**

Hydrocarbon Neighbourhoods and Migration Limits: Results from Co-Interpreting Geochemical and Geophysical data in Brazilian Basins William Dickson, Dickson International Geosciences; Craig Schiefelbein, Geochemical Solutions International, Inc.; and Mark Odegard, GETECH.  
<http://www.searchanddiscovery.net/documents/abstracts/annual2004/Dallas/Dickson.htm>

**SEG International, Beijing, Apr 2004**

Evidence of Turbidite Systems from Low Cost Gravity Data, Deepwater Southern China Janice M. Christ, J-SEA Geoscience, The Woodlands, TX, USA, William G. Dickson, DIGs, Houston, TX, USA and Derek Fairhead, GETECH, Leeds, UK

**HGS International Explorationists, Houston, Jan 2004**

Margin Basin Analysis (Brazil and West Africa) using a G3 Approach William Dickson, Dickson International Geosciences, Craig Schiefelbein, Geochemical Solutions International, Inc. and Mark Odegard, GETECH USA, Houston

**Petromin Magazine, Mar 2004 and GSM, Kuala Lumpur, Dec 2003**

Insights on Prospectivity of Disputed Zones, South China Sea Janice M. Christ, J-SEA Geoscience, Woodlands, TX, USA; William G. Dickson, DIGs, Stafford, TX; and James W. Granath, Granath and Associates, Houston, TX

**AAPG, Barcelona, Sep 2003**

Frontier Exploration Areas in the South China Sea: the "Big Picture" from Potential Fields Data J. M. Christ, W. G. Dickson, J. W. Granath  
[www.searchanddiscovery.net/documents/abstracts/2003barcelona/short/82641.pdf](http://www.searchanddiscovery.net/documents/abstracts/2003barcelona/short/82641.pdf)

**CISBGf 8, Rio de Janeiro, Sep 2003**

South Atlantic Margins Basin Analysis (Brazil and West Africa) using a Geophysical and Geochemical Approach C F Schiefelbein, Geochemical Solutions International Inc., W G Dickson, DIGs; M E Odegard, GETECH Inc.; and J M Brooks, TDI-Brooks

**HGS/PESGB 2nd International Symposium: "Africa: New Plays-New Perspectives", Houston, 3-4 Sep 2003**

Equatorial Margin Basin Analysis (Brazil and West Africa) using a Combined Geophysical and Geochemical Approach William Dickson, Craig Schiefelbein, and Mark Odegard

**Search and Discovery, AAPG's online journal, Jul 2003**

Finding the Pearl in the Pearl River Mouth Basin, Offshore China: A Deepwater Turbidite Oil Play?

Janice M. Christ, J-SEA Geoscience, William Dickson, DIGs, and James Granath, Granath and Associates

<http://www.searchanddiscovery.com/documents/2003/christ/index.htm>

**CSEG/CSPG, Calgary, Jun 2003**

Basement-influenced Sedimentation in Tertiary Petroleum Systems around the Globe William Dickson, Jan Christ, J-SEA Geoscience; Jeff Martin, GETECH; and James Granath

**AAPG, Salt Lake City, May 2003**

Imaging Basement-influenced Sedimentation with Potential Fields Data: Examples from Tertiary Petroleum Systems around the World

William Dickson; Jan Christ, J-SEA Geoscience; Mark Odegard, James Granath

AAPG Bull v 87 (2003), no 13. (Supplement)

Dickson, W. G., Fryklund, R. E., Odegard, M. E., and Green, C. M., 2003, Constraints for Plate Reconstruction Using Gravity Data: Implications for Source and Reservoir Distribution in Brazilian and West African Margin Basins, **J. Marine and Pet. Geol.**, v 20 (2003), p 309 - 322

Dickson, W. G., Danforth, A. R. and Odegard, M. E., 2003, Gravity Signatures of Sediment Systems: Predicting Reservoir Distribution in Angolan and Brazilian Basins in Arthur, T. J., MacGregor, D. S., and Cameron, N. R. (eds), **Petroleum Geology of Africa: New Themes and Developing Technologies**, Geol Soc. London Spec. Pub. 207, p 241 – 256

**Offshore, Apr 2003, v 63, n 4**

Integrated data reveals offshore China structures; CNOOC evidence corroborates GIS-based evaluation

William Dickson; Janice Christ, J-SEA Geoscience; James Granath

**AAPG Hedberg Conference: Sep 8-11, 2002, Stavanger, Norway "Hydrocarbon Habitat of Volcanic Rifted Passive Margins"**

Proto-Oceanic Crust in the North and South Atlantic: types, characteristics, emplacement mechanisms, and its Influence on Deep and Ultra-Deep Water Exploration Mark E. Odegard, GETECH, William Dickson (DIGs), Bruce R. Rosendahl (RSMAS), and Ralf J. Weger (RSMAS)  
[www.searchanddiscovery.net/documents/abstracts/hedberg2002norway/extended/odegard.pdf](http://www.searchanddiscovery.net/documents/abstracts/hedberg2002norway/extended/odegard.pdf)

**AAPG Cairo, Oct 2002**

Tertiary Petroleum Systems around the World: Sediment Controls from Regional GIS Studies  
William Dickson; Al Danforth; Jan Christ, J-SEA Geoscience; Ian Somerton, GETECH; and James Granath

**PETEX London, Dec 2002**

"SEAMAGIC or Southeast Asia on a Shoestring: The frugal geoscientist's toolkit for basin analysis and prospect ranking" William Dickson, Janice M. Christ, J-SEA Geoscience, and James Granath

**PESGB/HGS London, Sep 2002, 1st Africa Symposium, Africa: The Success will continue**

The "Old Salt" Basins around Africa: Comparing what the pioneers saw with today's vision  
William Dickson; Mark E Odegard, Ian W Somerton

With something old and something new, East Africa's not so blue

William Dickson; O Lee Slind, Alconsult Ltd, Calgary; Mark E Odegard

**AAPG, Houston, Mar 2002**

Finding the Pearl in the Pearl River Mouth Basin, Offshore China: A Deepwater Turbidite Oil Play?

Janice M. Christ, J-SEA Geoscience, William Dickson, and James Granath  
AAPG Bull v 86 (2002), no 13 (Supplement)

**HGS International Explorationists Meeting, Houston, Feb 2002**

Tectonics of the South China Sea Region

James Granath, Janice Christ, J-SEA Geoscience, and William Dickson

**Proceedings, Indonesian Petroleum Association, Twenty Eighth Annual Convention and Exhibition, Oct 2001 (postponed to Feb 2002)**

Tertiary Tectonic Compilation in a GIS for Indonesia

James Granath, Janice Christ, J-SEA Geoscience; Derek Fairhead, and William Dickson

**AAPG HEDBERG CONFERENCE “New Technologies and New Play Concepts in Latin America”**

**NOV 5-9, 2001, MENDOZA, ARGENTINA**

South Atlantic Margin Basin Analysis using a G3 Approach (Geophysical, Geological and Geochemical)

William Dickson, Mark E Odegard, Robert E Fryklund, and Craig F Schiefelbein

**First Break, v19.9, Sep 2001**

J Derek Fairhead, Chris M Green and William Dickson: Oil Exploration from Space: fewer places to hide. p514 – 519

Reeves, C.V., Weber, M., Fairhead, J.D., Green, C., Dickson, W., Morris, D., Ceron, J. and Lombo, C., Non-seismic technology.

Satellite-derived gravity having an impact on marine exploration TLE, Aug 2001

J Derek Fairhead, Chris M Green and Mark E Odegard: cites work of William Dickson

**Offshore, Aug 2001, v 61, n 8:**

William Dickson. Digital light table brings full data integration to NW Africa prospecting "Exploring with GIS technology..." GIS orientation breathes new value into exploration data in NW Africa

**GCS-SEPM Bob F Perkins Research Conference, Houston, Dec 2001**

SEAMAGIC or How to SAMBA in SE Asia: A GIS-Based Study Compares Reservoir Controls from S Atlantic and SE Asian Basins

Janice M Christ, J-SEA Geoscience; William Dickson, James Granath, Mark E. Odegard

**AAPG Denver, Jun 2001**

Lagoa Feia of Brasil's Campos Basin: Observations on Source Potential and Quality

Bob Fryklund, William Dickson, and Mark Odegard

AAPG Bull v 85 (2001), no 13 (Supplement)

GIS-Based Structural, Tectonic and Tectono-Stratigraphic Study of the MSGBC Basin:

Mauritania, Senegal, The Gambia, Guinea Bissau, Guinea Conakry

Odegard, Mark E., William Dickson, John Dombrowski

AAPG Bull v 85 (2001), no 13 (Supplement)

**SEAPEX Exploration Conference (SEC01), Singapore, Apr 2001**

A new Tertiary tectonic compilation for western and central South East Asia and revamped basin prospectivity analysis

J Derek Fairhead, Richard Murphy, Jan Christ, J-SEA Geosciences, USA; James Granath and William Dickson

**AAPG New Orleans, Apr 2000; Also, expanded and given at Geological Society of London Symposium on Deepwater Depositional Systems, London, Mar 2001**

"Recognition and Analysis of a Major Tributary of the Recent Congo Fan: Some Gully!"  
Dickson, William and Macurda, Jr., D. Bradford  
AAPG Bull v 84 (2000), no 13 (Supplement)

**AAPG New Orleans, Apr 2000**

Gravity signatures of sediment systems - Predicting reservoir distribution in Angolan and Brazilian Basins

Dickson, William, Al Danforth, Odegard Mark E,  
AAPG Bull v 84 (2000), no 13 (Supplement)

How Satellite Gravity is Providing Cost Effective Exploration Solutions for the Deep Water Areas of West Africa

J. Derek Fairhead, William Dickson, Al Danforth  
AAPG Bull, v 84 (2000), no 13 (Supplement)

**SEG, Houston, Nov 1999**

"Three 'R's of Regional Interpretation: Real Integration, Real Good, Real Cheap": Presented at SEG, Houston, Nov, 1999, Workshop W-10; modified version for ESRI Petroleum User Group annual conference (PUG), Houston, Feb 2000

William Dickson

**CISBGf 6, Rio de Janeiro, Aug 1999**

"South Atlantic Margins Basin Analysis (SAMBA): The Brazilian Margin or SAMBA, Brazilian Style"

William Dickson and J Derek Fairhead

**EAGE, Jun 1999**

"South Atlantic Margins Basin Analysis (SAMBA): Gravity Constraints on Plate Reconstruction"  
William Dickson and J Derek Fairhead

**Offshore, May 1999, v 59, n 5**

High-grading blocks with gravity in the Gulf of Guinea; Maximizing productivity of small staff  
William Dickson

**PESGB, Mar 1999**

"SAMBA: How to Make Gravity Data Stand up and Dance (or at Least Move Around)!" Also given to GSH Potential Fields SIG, Feb, 1999

William Dickson *et al.*

**AAPG Rio de Janeiro, Nov 1998**

"Analysis of Integrated Satellite, Land and Marine Gravity Surveys using Euler Deconvolution and Horizontal Derivative processes" - - also given as poster at HGS, Int'l Explorationists Meeting, Mar 1999

Dickson, William, and J. Derek Fairhead

"Constraints for Plate Reconstruction using Gravity Data - Implications for Source and Reservoir Distribution" - also given as poster at HGS, Int'l Explorationists Meeting, Mar 1999

Dickson, William, Robert Fryklund, and Chris Green