



CARIBBEAN BASINS, TECTONICS AND HYDROCARBONS, PHASE II

Institute for Geophysics
The University of Texas at Austin

<http://www.ig.utexas.edu/research/projects/cbth/>

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Editor: Lisa Bingham (lisaw@ig.utexas.edu)

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Greeting

In this edition of the CBTH Newsletter, we will provide an update on our completed activities from October 2008. We trust you are acquainted with the GIS database and website and that this information is assisting your exploration efforts.

We're here to answer your questions and resolve issues pertaining to our release data. Don't hesitate to contact us.

If you are not a sponsor and are interested in participating in the CBTH consortium, we encourage you to take a minute to review our website (www.ig.utexas.edu/research/projects/cbth/) where you can also download our project proposal, demos and previous newsletters. Please feel free to contact us at cbth@ig.utexas.edu

Additions to the CBTH Research Team

Thanks to the support of our sponsors, the CBTH research team is preparing for transitions in its research team.

In February, we'll be adding a new post-doctoral researcher, Carrie Whitehill. Carrie graduates in January 2009 from Stanford University and her dissertation is titled *Cenozoic Evolution of the Shawave-Nightingale Horst Block, Northwestern Nevada: Implications for the role of the Black Rock –Carson Sink Structural Domain in Plate Boundary Reorganization*. Carrie has considerable GIS experience working as an intern with the earthquake branch of the U.S. Geological Survey in Menlo Park, CA.

Tricia Alvarez is another addition to our team. Tricia graduated in December 2008 with a Masters of Science degree from the University of Texas. Her thesis is titled *Tectonic geomorphology of the eastern Trinidad shelf: implications for influence of structure on reservoir distribution and nature in older basin fill* and was supervised by Dr. Lesli Wood at the UT Bureau of Economic Geology. Her PhD study at UT will be jointly supervised by Drs. Paul Mann, Lesli Wood, and Alejandro Escalona. Tricia's work will complement the MS study of Stefan Punnette on the NCMA fields of the northern shelf margin of Trinidad.

Elodie Autret will spend February to June at the University of Stavanger with Alejandro Escalona interpreting seismic data from Guyana and Surinam. Elodie is finishing her MS degree in Marine Geology in Brest, France.

Wenxiu Yang will be joining the CBTH research team at the University of Stavanger as a post-doctoral researcher in April. Wenxiu will focus her efforts on mapping Colombia. Her expertise is well log interpretation and integration of various subsurface data.

Lisa Bingham, CBTH project manager and GIS-Web tech, will be moving to Stavanger, Norway, in June. Lisa has been accepted to a graduate program at Utrecht University in The Netherlands where she will work on a Masters degree in GIS. Lisa will continue working on the CBTH project. In early 2009, we will begin a search for a UT Austin-based person who will take over those tasks that Lisa won't be able to perform in Stavanger.

Xiangyang Xie and Xiangyun Jiang have worked hard and are vital members of our research group. Their post-doctoral appointments end in August 2009. While they'll be missed, we look forward to the culmination of their research projects with CBTH.

We are excited for the new additions to our team and hopeful for the futures of our current post-docs.

To learn more about any of our research team, visit: www.ig.utexas.edu/research/projects/cbth/proj_res.htm

Meet our Company Contacts

The following people have volunteered to serve as our main contacts for CBTH. All data generated by CBTH is provided to the sponsoring companies through these individuals. Please let us know if your company representative changes during this study. We greatly appreciate all the extra efforts by the contacts for the CBTH project!

BHP Billiton Petroleum, Inc.

Karen Tindale
karen.tindale@bhpbilliton.com
Houston, Texas



British Gas T&T Limited

Stephen Babb
steve.babb@bg-group.com
Port-of-Spain, Trinidad



Chevron

Richard Parrish
rparrish@chevron.com
Houston, Texas



Ecopetrol

Roberto Hernandez
Roberto.Hernandez@ecopetrol.com.co
Bogota, Colombia



ExxonMobil Exploration Company

Pinar Yilmaz
pinar.o.yilmaz@exxonmobil.com
Houston, Texas



Newfield Exploration

Bruno Maldonado
bmaldonado@newfld.com
Houston, Texas



Petrobrás

Alice Aragão
alicearagao@petrobras.com.br
Rio de Janeiro, Brazil



PDVSA

Miguel Nuñez
nunezmf@pdvsa.com
Puerto la Cruz, Venezuela



Repsol

Raul Giraudo
rgiraudo@repsolypf.com
The Woodlands, Texas



Shell

Fernando Sanchez-Ferrer
f.sanchez-ferrer@shell.com
Houston, Texas



StatoilHydro

Frode Liestøl
frli@statoilhydro.com
Oslo, Norway



CBTH Software Support

Landmark Graphics

Bill Agee
bagee@lgc.com



Landmark Graphics is kindly providing our interpretative software.

IVS3D

Bill McKernan
bmckernan@ivs3d.com



We also use an exciting visualization package called Fledermaus from IVS3D.

Zetaware Genesis



ZetaWare, Inc.
Interactive Petroleum System Tools

Zhiyong He
zhe@zetaware.com

Zetaware has generously provided CBTH with two copies of Genesis which is their basin modeling package.

PaleoGIS



Arwen Vaughan
paleogis@rothwellgroup.com

CBTH and PLATES have acquired a license for the plate reconstruction program PaleoGIS. Using this software, CBTH will be working with Dr. Ian Norton of the PLATES project at UTIG to improve our plate reconstructions of the Caribbean.

Chesapeake Technology

For a list of distributors, visit:
<http://www.chesapeaketech.com/distr-list.html>



CBTH has purchased the ImageToSEGY software that allows conversion of analog paper seismic records to segy format. This allows us to convert paper data in our possession to segy and thereby to increase its value in our regional studies. All converted data will be provided to sponsors.

Past Meetings and Events

American Geophysical Union Annual Meeting

December 15-19, 2008
San Francisco, CA

Paul Mann presented work on active faults in Jamaica and new results by CBTH postdoctoral researcher Cheyenne Xie on detrital zircon age dating from northern South America.

Data Delivery

Venmar

<http://www.ig.utexas.edu/research/projects/cbth/SponsorsOnly/VenmarHtml/GIS/2008/>

Updates were needed due to redrawing of basin boundaries.

AGU Posters

<http://www.ig.utexas.edu/research/projects/cbth/SponsorsOnly/POSTERS/AGU/agu.htm>

Progress and Upcoming Information

The CBTH research group plans to submit several abstracts to the 2009 AAPG Annual Meeting in Denver in June. Once abstracts are confirmed, we'll update the CBTH website and list them in this newsletter.

Upcoming Meetings

Keep an eye on our website for updates and more information for these upcoming events:

www.ig.utexas.edu/research/projects/cbth/links.htm

American Association of Petroleum Geologists Annual Meeting

June 7-10, 2009
Denver, CO

X Simposio Bolivariano

July 26-29, 2009
Cartagena, Colombia

CBTH Year 4 Meeting

September 2009
Austin, TX

Contact Information

Paul Mann: paulm@ig.utexas.edu
Alejandro Escalona alejandro.escalona@uis.no
Lisa Bingham (GIS, database, billing questions or other questions and information): cbth@ig.utexas.edu

Our Mailing Address is:

CBTH Project
Institute for Geophysics
The University of Texas at Austin
Pickle Research Campus
10100 Burnet Road, Bldg. 196
Austin, TX 78758-4445 U.S.A.