



Santo Domingo
Dominican Republic
March 24 to 28, 2008
RENAISSANCE JARAGUA
HOTEL & CASINO

18th CARIBBEAN GEOLOGICAL CONFERENCE

18^{va} CONFERENCIA GEOLOGICA DEL CARIBE

18^{me} CONFERENCE GEOLOGIQUE DES CARAIBES

The 18th Caribbean Geological Conference will be held in Santo Domingo, Dominican Republic from the 24 to 28 March, 2008, with the auspices of the Sociedad Dominicana de Geología, the Dirección General de Minería and the Cámara Minera Petrolera de la República Dominicana. The Conference will be celebrated at the Hotel RENAISSANCE JARAGUA HOTEL & CASINO, located on 367 George Washington Avenue (tel. 809-221-2222, fax 809-221-8271. Email reservations reservations@renaissancejaragua.net, web www.renaissancehotels.com).

Correspondence

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General Information

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Information about Registration and
Payment

Tel. (809) 540-4888 Fax (809) 565-5651

Information about Registration and Payment

There will be a Registration Desk at the Jaragua Hotel. The desk will be operating from Saturday March 22 before the Conference, in the following schedule:

Saturday March 22: from 3 pm to 6 pm

Sunday March 23: from 11 am to 6 pm

Monday March 24 to Friday March 28: from 8 am to 6 pm

Cost of Registration

	Until 22-March-08	After 23-March-2008
Participating Miembros	US\$215.00	US\$245.00
Participating Students*	US\$130.00	US\$150.00

* Proof of enrollment required (may be enrollment slip or letter from school)

We encourage the participants to register early to avoid lengthy lines at the site of the event. Payment will be accepted by cash, credit card (VISA, MC) or certified cheque to Sodogeo (no travellers or personal cheques). At the registration desk participants also will be able to register and pay for field trips.

Information for pre-registered participants: your conference material and participant badge will be ready for pickup at a designated place at the registration desk.

Sale of t-shirts: t-shirts with the logo of the 18th Caribbean Geological Conference will be available for purchase.

Registration for field trips: The registration for field trips will be open during the days previous to and during the conference. Due to the need to limit the number of participants in the field trips the registration to these must be closed at some point, therefore we encourage the interested participants to register early, either through our pre-registration system by credit card or at the Registration Desk at the Jaragua Hotel.

Cost of the field trips (registration includes, guide book, transportation by bus, lunch and refreshments. In the field trips 1 and 4 includes also hotel accommodation, dinner and breakfast).

Pre-Conference

	Cost participants	Students
Field trip # 1.- Two days trip: Stratigraphy, tectonics and subsurface petroleum geology of the Azua and Enriquillo basins, south western Dominican Republic. (March 23 y 24)	US\$200.00	US\$150.00
Field trip # 2.- One day field trip to the mining areas of Falcondo (Xstrata Nickel), Cerro Maimón and Pueblo Viejo deposits. (March 24)	US\$80.00	US\$60.00
Field trip # 3 – One day field trip to the Jarabacoa - La Vega area. (March 24)	Cost US\$90.00	US\$70.00

Post-Conference

	Cost participants	Students
Field trip # 4 – Three days field trip to the Median Belt in the eastern Cordillera Central and the Hispaniola Subduction Zone Complexes in the North Coast Belt. (March 29, 30 y 31)	US\$325.00	US\$ 225.00
Field trip # 5 – The Tourist Field- One day excursion to the beautiful Boca Chica Beach, Maravillas Caves and Altos de Chavon tourist areas. (March 29)	US\$98.00	US\$ 85.00

Welcome desk for participants at the Las Americas Airport (AILA)

As a courtesy of the Secretaría de Estado de Turismo, there will be a welcome desk for the participants to the Conference at the arrivals room of the Aeropuerto Internacional de las Américas (AILA). This desk will offer orientation and information that may be needed on dominican immigration and customs processes, ground transportation to Santo Domingo, lodging, currency exchange etcetera. Taxi services are available 24 hours from AILA to hotels in the Santo Domingo area for a price from approximately US\$30.00. Some of these taxis are minibuses with capacity of up to 12 passengers.

Program

Over 140 oral and poster contributions will be presented in 8 technical sessions, 4 simposia and one workshop. Minor changes to the programs may be necessary at last minute. Any changes to the program will be announced at the event. Also the program will be posted at the Conference web site.

Format for the presentations

The program includes oral presentations of 20 minutes with 5 additional minutes dedicated to questions. The poster sessions will be displayed for an entire day.

The oral presentations will be supported with Power Point (versions 97 to 2003). All the rooms will be equipped with PCs and Data Show projection equipment. We ask the presenters to deliver the final and revised presentations to the projection operators at least one hour prior to the scheduled time of the talk. A speakers room will be available for the use of the presenters to ready their presentations. We recommend that the presentations be maximum 20 slides. We also request that the name of the Power Point file be the title of the presentation. The presentations may be delivered in CD, DVD or USB flash memory stick (*no floppy disks please!*).

For the poster presentations there will be space setup in panels 1.40 x 2.00 metres on which the presenters may exhibit maps, diagrams, photographs and explanatory text about their topics. During the Conference there will be staff dedicated to assist the expositors in mounting and dismounting their exhibits if needed. We will ask the presenters to mount the exhibits the previous night and these are dismounted at the end of the assigned day, to allow the space to the next exhibitors.

Field trips

Field trips still have available space.

The pre-conference field trip to the Southwest region of the Dominican Republic, linked to the symposio on “Caribbean Hydrocarbon Exploration in the New Millennium” is confirmed to leave on Sunday March 23 at 7:00 am from the Hotel Jaragua. This excursion will stay overnight at the hotel Costa Larimar

(http://www.tripadvisor.com/Hotel_Review-g317143-d572428-Reviews-Hotel_Costa_Larimar-Barahona_Dominican_Republic.html) in Barahona. The excursion will continue the second day, Monday March 24, with a tour of the scenic Lago Enriquillo and the spectacular outcrops of Holocénicos coral reefs.

The pre-conference one day field trip to the Jarabacoa area, is programmed for departure on Monday March 24, leaving from the Hotel Jaragua at 7:00 am.

The pre-conference one day field trip to mines of Falcondo (Xtrata Nickel), Pueblo Viejo (Barrick Gold) and Cerro de Maimón (GlobeStar) is programmed to leave at 7:00 am on Monday March 24 from the Hotel Jaragua.

The post-conference three days field trip to the central region and the North Coast of the Dominican Republic is programmed to leave from the Hotel Jaragua Saturday March 29 at 7:00 am. This excursion will overnight in Samaná the first night (Saturday March 29) and at Cabarete the second night (Sunday March 30). The excursion will return to Santo Domingo on Monday March 31.

The tourist excursion of one day to the Eastern region of the Dominican Republic will leave from the Hotel Jaragua on Saturday March 29 at 7:00 am.

Social Activities and others

On Tuesday 25 March at 7:00 pm will be a publishing circulation ceremony for the volume titled: “Geología de la República Dominicana”, edited by the Instituto Geológico Minero Español (IGME). This event will be by invitation only. Place: Room Jaragua III, Hotel Jaragua.

A typical dominican night and dinner is being organized. Information about this and other social and cultural activities will be available at the registration desk. Also during the Conference we are organizing tours guided by the Secretaría de Estado de Turismo to the Colonial zone of the City of Santo Domingo.



Program of the ConferenceMonday, 24 March

8:00 pm Opening Ceremony. Anacaona Room, Hotel Jaragua. Presentation of the National folkloric ballet.

Tuesday, 25 March

8:00 am: Opening and registration.

Room Anacaona I

Symposium: "Caribbean Subduction in time and space: An integrated petrological, geochemical, tectonic, and geophysical approach". Conveners: Antonio García-Casco and Uwe Martens.

08:30	Polymetamorphism at the southern boundary of the North American plate: the El Chol unit of the Chuacús Complex, Central Guatemala (Martens, U. et al.)
09:00	New U/Pb and Fission Track Geochronologic Constraints on the Subduction History of Central Guatemala (Sisson, V.B et al.)
09:30	Tectonic overview of the Late Cretaceous-Paleogene subduction zone rocks of Hispaniola (Draper et al.)
10:00	Coffee break
10:30	Review of Evidence for UHP Conditions in the Cuaba Terrane, Rio San Juan Complex, Dominican Republic (Abbott and Draper)
11:00	The intra-oceanic Rio San Juan Complex (Northern Dominican Republic) and its eclogites: Petrography, PT-paths, consequences (Schertl, H.-P. et al.)
11:30	Jadeitite from the Rio San Juan Complex, northern Dominican Republic (Maresch, W.V. et al)
12:00	Lunch
13:30	The timing of HP metamorphism in subduction complexes - example from the Escambray Massif, Cuba (Stanek, K.P. et al)
14:00	Early Cretaceous Caribbean Tectonics: Models for genesis of the Great Caribbean Arc (Pindell, J.)
14:30	Impact of GPS studies on the understanding of Caribbean neotectonics (1989-2008) (Mann, P.)
15:00	Coffee break
15:30	The Evolution of Garnet-bearing Peridotite in HP Collisional Terranes (Brueckner, Hannes K.)
16:00	Late Cretaceous Caribbean-South America interactions: insights from the metamorphic record of the NW Sierra Nevada de Santa Marta, Colombia (Cardona et al.)
16:30	OPEN
17:00	Panel and discussion

Room Anacaona II**Session Earth Sciences Education / Environmental Geology and Medical Geology**

08:30	Shallow Water Benthic Foraminifers as Bio-indicators of Pollution by Potentially Toxic Elements: A Review (Martinez-Colon, M. et al.)
09:00	Preliminary surveys of deep-reef habitats on the upper insular slope of southwest Puerto Rico (Sherman, C. at al)
09:30	Shoreline changes along Sardinera Beach, Mona Island, P.R. (Rodríguez-Delgado A. and Ramírez-Martínez, W.)
10:00	Coffee break
10:30	Giant Wave and Surge Deposits in the Coastal Zone: Their Emplacement and Evolution and the Implications for Coastal Management (Jamaica) (Khan et al.)
11:00	Paleoenvironmental Analysis of the Miocene Urumaco Formation, Falcón State, Venezuela, Using Benthic Foraminifera (Smith, C. and Collins, L.)
11:30	OPEN
12:00	Lunch
13:30	Las unidades geólogo-ambientales una nueva herramienta para la formulación de estrategias de planificación física y de gestión ambiental en las provincias habaneras, Cuba
14:00	Pasivos ambientales en la actividad minera no metálica en Cuba (Martorell Serra, Nelsy)
14:30	Educación y Necesidad de un Servicio Geológico Nacional (Muñoz, Santiago)
15:00	Coffee break
15:30	Los Servicios Geológicos, instituciones estatales al Servicio de los ciudadanos (de Tena-Dávila Ruiz, Manuel).
16:00	Formación de Recursos Humanos Para el Sector Geológico Minero de la República Dominicana (Gil, Nelson de Js.)
16:30	Professional preparation of secondary school teachers in the French West Indies: the dilemma between national programs and Caribbean Geology (Mazabraud Y. and Voitus, E.).
17:00	Panel and discussion
19:00	Ceremony of publishing circulation of the volume about "Geology of the Dominican Republic" edited by IGME. (Room Anacaona III)

Poster Presentations

1. Paleoecología de una laguna arrecifal en una isla oceánica para el Mioceno Medio basada en la macrofauna un caso de estudio: Aan Andrés isla, Caribe Colombiano (Patarroyo Camargo, G.D.)
2. Foraminiferal responses to naturally and anthropogenically induced stresses in Torrecilla Lagoon, Puerto Rico (Martinez-Colon, M. and Hallock, P.).
3. Sediment fingerprinting: a potential tool for watershed and coastal management (Williams, Nekesha et al.).
4. Identification, characterization, and quantification of natural occurring asbestos in serpentinites of southwest Puerto Rico (Roig-Silva, C. and Joyce, J.)

5. Erosión costera en el Caribe Colombiano. Ejemplos: Departamentos de Córdoba, Magdalena y La Guajira (Rangel Buitrago, N. and Posada, B.).
6. Caribbean and Atlantic paleo-climate relations from a Puerto Rican speleothem (Miller, T. et al.)
7. Adaptación del centro de documentación de la dgm y el servicio geológico a los tiempos de la información digital (Peña, L.)

Wednesday, 26 March

8:00 am: Opening and registration.

Room Anacaona I

Symposium: “Caribbean Hydrocarbon Exploration in the New Millennium”.

Conveners: James Pindell and Paul Mann.

08:30	Stratigraphy and the hydrocarbon potential of the Yellow Limestone Group at Broomwell, Jamaica, as a model for the Walton Basin (Coutou, R. and Mitchell, S.F.).
09:00	Using New Technology to Unlock the Petroleum Potential of Forgotten Basins – Hydrocarbon Exploration of the Walton Basin, Jamaica (Jablonski, D. et al.).
09:30	Tectonic setting, stratigraphy, and structure of regionally-isolated hydrocarbon occurrences in the Azua basin, south-central Dominican Republic (northeastern Caribbean) (Mann, P. and Pierce, S.)
10:00	Coffee break
10:30	Oil exploration in Cuba: main results (Tenreyro-Pérez, R.).
11:00	Plays Exploratorios Y Retos Para La Exploracion Petrolera En El Area Cuba – La Española (López Rivera, J.G. et al.)
11:30	Sedimentology, Seismo - Stratigraphy And Paleogeography Of The Northwestern Cuba Deep Offshore Zone (Sanchez, J.R. ET AL)
12:00	Lunch
13:30	Exploration setting of Barbados Ridge: one prism or two? (Pindell, J.)
14:00	Deep-Water Southern Caribbean Fold and Thrust Belt Modeled as a Critical Taper Wedge, Implications for the Offshore Oil and Gas Exploration in Accretionary Prisms (Corredor, F.)
14:30	Tertiary carbonate buildups of the southern Caribbean margin: tectonostratigraphic settings and hydrocarbon associations (Hunter, V.F.).
15:00	Coffee break
15:30	Global Sequences and Implications for Hydrocarbon Exploration in the Caribbean (Schafhauser, A. et al)
16:00	Petroleum Geology of the Nicaragua Rise (Peter Emmet)
16:30	Evolucion de la Exploracion de Hidrocarburos en la República Dominicana (Torres, Luis)
17:00	Panel and discussion

Room Anacaona II

Session Petrology (Metamorphic and Igneous) / Geochemistry

08:30	Petrography and Geochemistry of Miocene volcanic rocks, Eastern Dominica (Morales, A. and Smith, A.L.)
09:00	U-Pb SHRIMP zircon geochronology of El Baúl massif, Cojedes state. Venezuela (Viscarret, P., et al.)
09:30	Late Paleocene Basin-Filling, Magmatism And Tectonic Subsidence Patterns At The Nw Corner Of The Caribbean-Southamerica Plate Margin (Bayona, G. et al)
10:00	Coffee break
10:30	Geochronology and tectonic implications of granitoids rocks from the northwestern Sierra Nevada de Santa Marta and surrounding basins, northeastern Colombia: Late Cretaceous to Paleogene convergence, accretion and subduction interactions between the Caribbean and South American plates (Cardona et al.)
11:00	Mineralogy and mineral chemistry of the Rio Guanajibo peridotite with comparisons (Jolly, W.T. et al)
11:30	A Possible Assemblage of New Platinum Group Minerals in the Loma Peguera Chromitite, Central Dominican Republic (Zaccarini, F.)
12:00	Lunch
13:30	"Garnierites" from Dominican Republic and eastern Cuba Ni-laterite deposits: a new look at a long-standing mineralogical problem Tauler E. et al)
14:00	Geochemistry and petrology of three granitoid rock cores from the Nicaragua Rise, Caribbean Sea: Implications for its compositions, structure and tectonic evolution (Lewis J.F. et al)
14:30	Terranes of NW-Costa Rica and the Hess Escarpment: A Pre-Campanian paleo-plate boundary (Baumgartner, P.O. et al).
15:00	Coffee break
	Structural Geology
15:30	Bedrock structural control over slope stability, evolution and drainage systems in Tortola, BVI (Joyce, J. and Cerpa, R.).
16:00	Bedrock Fault Structures in the Great Northern Puerto Rico Fault Zone and San Lorenzo Batholith (Joyce et al.)
16:30	OPEN
17:00	Panel and discussion

Room Anacaona III

Session Regional / Tectonics / Evolution I

08:30	Paleogene Foreland Basin Deposits of North-Central Cuba: A Record of Arc-Continent Collision Between the Caribbean and North American Plates (Iturralde-Vinent, M., et al.)
09:00	Potential field and petrophysical characterization of the main tectonic domains in the Central Cordillera, Dominican Republic (Ayala, C. et al.).
09:30	Tectonic History of the Espino Graben, Eastern Venezuelan Basin: A New Perspective (Duerto)
10:00	Coffee break
10:30	Del mismo evento de la superpluma Cretácica: Placa Caribe y la meseta de Ontong Java?, Una alternativa para el entendimiento de la evolución geotectónica de los Andes del Norte desde el Cretáceo hasta hoy (Chicangana, G. et al.)
11:00	Acerca de la Historia Del Proto - Caribe y de la Confirmacion Del Modelo Aloctono Para el Origen de la Placa Caribe (Chicangana, G. et al.)
11:30	Caribenorte Project: Future Combined Onshore-Offshore Survey In The North-Eastern Caribbean Plate (Carbó-Gorosabel, A. et al.)
12:00	Lunch
13:30	Morphostructure of the Muertos Convergent Margin (Granja Bruña, J. L. et al.)
14:00	Crustal Models Across The Muertos Margin: Insight From New Geophysical Data At The Southern Slope Of Dominican Republic (Muñoz-Martín, A. et al.)
14:30	Constraints on tectonic models of the northeastern Caribbean from over a decade of GPS geodetic measurements in the northeastern Caribbean (Jansma and Mattioli)
15:00	Coffee break
15:30	New Ages and Geochemical Data for Gorgona Island, Colombia: indication of a ~25 Ma long building of the Caribbean Plateau? (Ferrari, L.)
16:00	Características Petrologo Geoquímicas Yacimiento Camarioca Norte, Macizo Moa Baracoa (Rodríguez Crombet, R.)
16:30	Beyond the Motagua and Polochic faults: active transform faults in the North America-Caribbean plate boundary zone (Guzmán-Speziale, M.)
17:00	Panel and discussion

Poster presentations

1. Caribenorte Project: Future Combined Onshore-Offshore Survey In The North-Eastern Caribbean Plate (Carbó-Gorosabel, A. et al.)
2. GK-12 Oceans: An Unbelievable Experience! (Martinez, M. et al.)
3. Tectonic Blocks in Central Hispaniola: Insights Based on Structural, Geochemical and Geochronological Data from the Manabao-Jarabacoa Area (Escuder Viruete, J. et al)

4. Nuevos Datos Sobre La Formación La Isabela: Origen E Implicaciones Paleogeográficas En La Evolución Cuaternaria De La Cordillera Septentrional En La Republica Dominicana (Abad et al)
5. Análisis Morfosedimentario De Niveles Escalonados Marinos Plio-Cuaternarios: Un Caso De Estudio En Las Costas Norte Y Suroeste De La República Dominicana (Abad et al)
6. Geochemistry and age of a partially melted subducted slab. La Corea Mélange (Eastern Cuba) (Blanco-Quintero, I. et al)
7. Mineralogy and chemistry of Ni-laterites from Falcondo, central Dominican Republic: preliminary results on Platinum Group Minerals (PGM) (Proenza, J.A. et al.)
8. The Nappes of the 'Cordillera de la Costa', Venezuela (Urbani, F.)

Thursday, 27 March

8:00 am: Opening and registration.

Room Anacaona I

Symposium: “Active Tectonics and Seismic Hazards”. Conveners: Eric Calais and Carol Prentice

08:30	Historic Earthquakes of the Caribbean Basin (McCann, W.)
09:00	Present-day Strain and Stress Distribution in the Northeastern Caribbean (Calais, E. et al)
09:30	Paleoseismology in the Caribbean: A review (Prentice, C. et al.)
10:00	Coffee break
10:30	An Earthquake Early Warning For Puerto Rico And The Caribbean (Huérfino, V. and von Hillebrandt-Andrade, C.)
11:00	62 Años De Instrumentación Sísmica y 500 Años De Sismos En Republica Dominicana: Preparativos Del Sistema De Alerta Temprana En El Isu-Uasd (Payero, V. et al)
11:30	Cómo crear conciencia efectiva de Riesgo Sísmico (Verdeja, E.)
12:00	Lunch
13:30	Active Tectonics and Seismic Hazard in Jamaica (Wiggins-Grandison, M.)
14:00	Neotectonics research in Trinidad and Tobago: review and synthesis (Weber, J. et al)
14:30	High-Resolution Seismic Imaging of Faults in Western Puerto Rico (Rymer, M.J. et al)
15:00	Coffee break
15:30	Estimation of the seismic coupling in the lesser Antilles subduction zone (de Chebalier, J.B. et al.)
16:00	Enriquillo-Plantain Garden strike-slip fault zone: A major seismic hazard affecting Dominican Republic , Haiti , and Jamaica (Mann, P. et al)
16:30	Submarine landslide as the source for the October 11, 1918 Mona Passage tsunami: New geological evidence, observations and tsunami modeling results (López Venegas, A.M. et al.)
17:00	Panel and discussion

Room Anacaona II

Session Paleontology / Stratigraphy / Sedimentology

08:30	The Larger Foraminiferal Genus <i>Cushmania Silvestri</i> in Eocene Rocks, Jamaica (D'Aguilar, G.)
09:00	St. Ann's Great River Inlier, Jamaica: a standard section for the Santonian to Campanian stages (Cretaceous) of the Antillean region? (Mitchell, Simon F.)
09:30	Ichnology and Sedimentology of a deep water Paleocene syn-rift deposit, Blue Mountain Inlier, eastern Jamaica (Ramsook, R. and Mitchell, S.F.)
10:00	Coffee break
10:30	Re-evaluating the biogeography of Cenozoic Caribbean reef corals (Stemann, T.A.).
11:00	Lower Barremian (Lower Cretaceous) ammonites from the Veloz Formation of Central Cuba: Biostratigraphic and paleobiogeographic implications (Barragán-Manzo, R. et al).
11:30	Miocene Paleobiogeography of Caribbean vs. Eastern Pacific Benthic Foraminifera During Closure of the Central American Seaway (Collins, L.S.)
12:00	Lunch
13:30	Sedimentation, Sea Level And Facies Geometry: Enriquillo Valley Reefs, Western Dominican Republic (Hubbard, Dennis K. et al/)
14:00	Coral Growth Rates, Sedimentation Rates, Sediment Composition and Coral Cover in the Cañada Honda Holocene Reef, Dominican Republic (Ramirez-Martinez W. et al.)
14:30	The Mid-Holocene Cañada Honda fossil reef of the Enriquillo Basin, Southwestern Dominican Republic: Evidence for coral growth and reef accretion at great depth and high siltation prior to anthropogenic disturbance (Cuevas, D.N et al)
15:00	Coffee break
15:30	Strontium Isotopes Stratigraphy from <i>Kuphus incrasatus</i> , Cenozoic Limestones, Puerto Rico (Ramirez-Martinez W. et al.)
16:00	Dolomites of Mona Island, Puerto Rico (Ramirez-Martinez W. et al.)
16:30	Correlacion Bio-Estratigrafica Del Mioceno Tardio Al Pleistoceno De Los Pozos ODP 999 Y ODP 1000 Con El Margen Continental Colombiano (Pozo Barranquilla-1) (Duarte, J.A. and Duque-Caro, H.).
17:00	Panel and discussion

Room Anacaona III

Session Regional / Tectonics / Evolution II

08:30	Lithospheric magnetic field mapping of the Caribbean region.
09:00	Middle Oligocene - Recent Extension on the Northern Puerto Rico Margin
09:30	Early Tertiary Volcanism In Puerto Rico And The Virgin Islands: Effects Of Off-Scraping Of Pelagic Sediments Due To Increasing Obliquity Of South-Dipping Subduction - CANCELLED
10:00	Coffee break
10:30	The Western Cretaceous Oceanic Lithospheric Province of Colombia, a postulated remnant of the Caribbean Plateau
11:00	Uplift and Support of the Santa Marta Massif, Colombia: Ongoing Removal of Mantle Lithosphere?
11:30	Early Subduction-Dominated And Late Collisional Deformation Phases In The Accretion Of Oceanic Terranes Of Western Colombia
12:00	Lunch
13:30	Cretaceous evolution of Jamaican terrains and their relation to the evolution of the Caribbean Plate
14:00	Miocene to recent Tectonic elevation in Eastern Dominican Republic
14:30	Paleomagnetic Results From Cretaceous Arc Terranes in Central Hispaniola: Implications for the Paleogeography of the Caribbean Plate (Glaccum, K. E. et al)
15:00	Coffee break
15:30	Geology Of The Dominican Republic: From Island Arcs To Arc-Continent Collision (Perez-Estaun et al)
16:00	The Duarte Complex In Jarabacoa Area (Hispaniola): Tectono-Metamorphic Reconstruction And Implication On The Northern Caribbean Plate Margin Evolution (Giunta, G. et al.)
16:30	Late Cretaceous-Miocene tectonic development of the SW- margin of the Caribbean Plate (Costa Rica, Panama) (Buchs D.M. et al)
17:00	Panel and discussion

Poster presentations

1. Geology and Stratigraphy of the Pico Rodadero Area, Yauco, Puerto Rico (Ruidiaz Santiago, C.M. and Santos, H.)
2. Stratigraphy and Sedimentary Environment and Implications in the Plato Basin and the San Jacinto Belt Northwestern Colombia (Guzmán Ospitia, G.)
3. Miocene Culebra - Cucaracha formation boundary in Panama. Climatic or tectonic change? (Moron S. and Jaramillo C.)
4. Palocene to Oligocene Larger Foraminifera form Southern Azuero Peninsula (Panama) - The timing of seamount formation and accretion to the Mid-American Margin (Baumgartner-Mora, C. et al.)

5. Paleoenvironmental Analysis of the Miocene Urumaco Formation, Falcón State, Venezuela, Using Benthic Foraminifera (Smith, C. and Collins, L.)
6. Paleogene Foreland Basin Deposits of North-Central Cuba: A Record of Arc-Continent Collision Between the Caribbean and North American Plates
7. Earthquakes and Tectonics in the Sombrero Seismic Zone Constrained by Passive Ocean Bottom Seismographs
8. Active Faulting in Eastern Hispaniola as the Hispaniola – Puerto Rico Microplate Boundary: Implications for Regional Earthquake Hazard
9. Preliminary results from accelerometric data for French Lesser Antilles
10. Non-volcanic tremor observed in the Guerrero subduction zone, Mexico
11. Geored: Red Nacional Permanente GPS Con Propósitos Geodinámicos De Colombia
12. Geophysics For Quaternary- Fault Mapping In Cabo Rojo, Puerto Rico
13. Tectonic Activity of the Great Northern Puerto Rico Fault Zone: Remote Sensing and Field Validation.
14. Background Seismic Noise of Puerto Rico based on data from the Puerto Rico Seismic Network
15. Paleoseismic Evaluation of the Great Northern Puerto Rico Fault Zone (Williams, P. et al).

Friday, 28 March

8:00 am: Registration to field trips only.

Room Anacaona I

Session Economic Geology / Mineral Resources

08:30	Geology and Mineral Resources Potential of Northern Haiti (Valls, R.)
09:00	Mineralogía del Yacimiento Cerro de Maimon (Espaillat, Julio)
09:30	Stream sediments geochemical mapping as a way for the knowledge of land surface and its mineral resources potentiality. A case study in the Dajabón-Mao-Restauración-Arroyo Limón area (Dominican Republic) (Locutura, J. et al.)
10:00	Coffee break
10:30	Cuba Sus Recursos Minerales Y Termales (Aguas Minerales y Fangos Medicinales o Peloides) (Castillo Burgos, J.)
11:00	The Cuban Ophiolites And Resulting Nickel Laterite Deposits (A Review) (Brouwer, S.B., and Cruz Martin, J.)
11:30	Caracterización geológica de las lateritas desarrolladas en diferentes regiones metalogénicas (Cobas Botey, R.).
12:00	Lunch

Workshop: “Review of proposed genetic models of the Gold-Silver-Zinc epithermal mineralization at Pueblo Viejo Deposit” Organizadores: Carl Nelson y Hugo Domínguez

13:30	Introduction to Pueblo Viejo and review of genetic models (Nelson, C.E.)
14:00	Cretaceous volcanic domes and gold mineralization, Pueblo Viejo District, Dominican Republic (Nelson, C.E.).
14:30	Tertiary high sulfidation gold-silver-zinc mineralization above a porphyry copper deposit (Redwood, S. or Sillitoe, R., et al.)
15:00	Coffee break
15:30	Cretaceous high sulfidation gold-silver-zinc mineralization in a maar-diatreme setting (Kesler, S.E., et al?)
16:00	Metodología predictiva de la lixiviación de sulfuros de cobre hospedados en andesitas alteradas (Helle et al.)
16:30	Aprovechamiento integral de los residuos de la industria cubana del níquel. Hacia una minería mas limpia y un futuro sostenible (Roche, Wilder)
17:00	Panel and discussion

Room Anacaona II

Session Vulcanology

08:30	Soufrière volcano, St. Vincent, Lesser Antilles: Studies of three eruptive sequences (Smith, A.L., et al.)
09:00	Geological Evolution of Dominica, Lesser Antilles (Smith, A.L., et al.)
09:30	Grande Soufriere Hills Volcano, Dominica, Lesser Antilles (Smith, A.L., et al.)
10:00	Coffee break
10:30	Stratigraphic and Granulometric Studies of Ignimbrite Sequences on Dominica, Lesser Antilles (Smith, A.L., et al.)
11:00	Mud volcano activity in Trinidad - 1995 - 2007 (Archie, C.)
11:30	Petrology of Morne Diablos, a Late Pleistocene to Recent stratovolcano, Dominica (Rheubottom, A. et al)
12:00	Lunch

Session Geophysics, Geotechnology and Geological Engineering / Landslides and Mass Movements / Other topics (Hydrogeology)

13:30	Comparison of Near-surface VS30 and NEHRP Classifications from Passive Source Surface Wave and Active Source Body Wave Data in Puerto Rico (Odum et al)
14:00	Telemetred Multichannel System for Geophysical Cable (Ionica, F.)
14:30	The Geoprico-Do Seismic Onshore-Offshore Project: Deep Seismic Survey In The North-Eastern Caribbean Plate (Córdoba, D. et al)
15:00	Coffee break
15:30	Caracterización Y Funcionamiento Hidrogeológico De Las Unidades Carbonatadas De La Sierra De Bahoruco Y De La Península Sur De Barahona (Suroeste De La República Dominicana) (Sánchez-Solís, M.R. Et al.)
16:00	Plan hidrológico nacional de la R. Dominicana. Influencia de los recursos de las aguas subterráneas en el balance hídrico de las diferentes cuencas hidrográficas del país dominicano (Rodríguez Mateos, E. and Garcia, F.)
16:30	Characterization Of The Upper Quebrada De Oro Mayagüez Aquifer System Using Surface Geophysical Techniques (Abrams Rivera, D.)
17:00	Panel and discussion

Room Anacaona III

Session General and Regional Geology of the Caribbean

08:30	Three-dimensional Crustal Structure of the North American-Caribbean Plate Boundary in the Dominican Republic
09:00	Geological Evolution of the NW Corner of the Caribbean Plate (Valls, R.)
09:30	The Rio Verde Complex, Central Hispaniola: A Fragment of Lower Cretaceous Back-Arc Basin of the Pimitive Caribbean Island-Arc
10:00	Coffee break
10:30	The salvage Panama Canal geology project: working plan and major questions.
11:00	Contrasting Structural Styles In SW Dominican Republic As An Evidence Of Strain Partitioning In An Island Arc (Hispaniola)-Continent (North America) Oblique Collisional Setting (Hernaiz-Huerta et al.)
11:30	Onshore Extension of the North Cayman Fracture Zone into Belize and Southward Migration of the Caribbean-North American Plate Boundary
12:00	Lunch

Forum: Education for response to natural disasters

13:30	Mapas de Amenazas y Vulnerabilidad ante Inundaciones y Deslizamientos (Calzadilla, M.)
14:00	Lineamientos Generales, Estrategias y Acciones Prácticas Para la Reducción del Riesgo Sísmico, en una Zona de Alta Sismicidad (República Dominicana) (Peña, L.R.).
14:30	Charla 3 (Parte 2 de charla de L.R. Peña)
15:00	Coffee break
15:30	Construcciones vulnerables a sismos y a inundaciones (De Leon, R.O.)
16:00	Políticas gubernamentales de prevencion (Charla de COE)
16:30	OPEN - DISCUSSION PANEL
17:00	Panel y discusion

Poster presentations

1. Metallogenic map of the Caribbean Basin (Nelson, C.E.)
2. Proceso Nichromet (Brouwer, S.B.)
3. Mineral Resources Atlas of the Dominican Republic (Rodriguez, J. and Muñoz, S.)
4. Gravity Maps In The North-Eastern Caribbean Plate Boundary Zone (Granja Bruña, J.L. et al)
5. Datos preliminares sobre la estratigrafía de la Cordillera Septentrional en el sector de Imbert-El Mamey (Puerto Plata, República Dominicana)
6. Icnofacies y sedimentación turbidítica en la Fm. Luperon (Cordillera Septentrional, Puerto Plata, Republica Dominicana)

6:00 pm: Closing ceremony. Communication of the 19th Caribbean Geological Conference.