

Welcome Ceremony - Monday 21th

Cenozoic carbonates systems - Tuesday 22nd

- Chairmen : Dr JJ Cornée and Dr C. Sherman (1st part)
- Chairmen : Dr J. Cobiella-Reguera and Dr P. Münch (2nd Part)

8:00

C. Sherman

Geomorphology and sediment dynamics in mesophotic coral ecosystems of the upper insular slope of s

8:20

E. Lasseur

Stratigraphy, sedimentology, and Pliocene-Pleistocene

8:40

S.F. Mitchell

Stratigraphy of the White Limestone of Jamaica

9:00

T.A. Stemann

Ecology and zonation of coral build-ups in the Late Miocene August Town Formation, Jamaica

9:20

S. A. James-Williamson

Tectono-stratigraphic development of Southeastern Jamaica

9:40

A. Lenoble

Pleistocene Infilling of Guadeloupean Caves

Coffee Break

10:30

J.J. Cornée

Sedimentology and paleoenvironments of the Pliocene

10:50

P. Munch

Tectonostratigraphy of the Pliocene-Pleistocene ca

11:10

P.J.N. Weber

$^{87}\text{Sr}/^{86}\text{Sr}$ -ratios, foraminifera and sedimentology of the Late Miocene – Pliocene cyclic carbonates of I

11:30

L. de Min

Pliocene-Pleistocene fore-arc vertical motion recor

11:50

J.F. Lebrun

Architecture of Offshore Carbonate Plateform (Gua

POSTERS

A. V. Barras

Inventory of the geological heritage of France's Overseas Departments: the

R. Tarkowski

The accumulation of Quaternary anthozoa (Scleractinia) in St-Félix (Guade

A. Queffelec

Régime thermique karsts

C. Baumgartner-Mora

Late Miocene-Early Pliocene Larger Foraminifera of La Désirade (Guadelo

Hydrogeology - Water ressources monitoring - Tuesday 22nd

- Chairmen : Dr E. Bourdon and Dr L. Arnaud

8:00

A. Dumon

Identification of infiltration Abstract Off areas with the River's network Persisten

8:20

B. Vittecoq

New elements toward hydrogeological schemes of

8:40

L. Arnaud

Prospections hydrogéologiques en milieu volcaniqu

9:00

A. Dumon

Diphasic hydrodynamic modeling of the Grande-Terre groundwater flows (Gu

Geothermy - Tuesday 22nd

- Chairmen : Dr E. Bourdon and Dr L. Arnaud

9:20		
V. Bouchot	The High-Temperature Geothermal System of Bouillante (Guadeloupe, French Lesser Antilles)	
9:40		
S. Lopez	Modeling of Bouillante geothermal field (Guadeloupe, French Lesser Antilles)	
Coffee break		
10:30	L. Gailler	Contribution of multi-methods geophysics to improve the geothermal survey of Bouillante
10:50	G.A. Ryan	The use of Magnetotelluric and Time domain electromagnetic methods in the geothermal survey of Bouillante
11:10	B. Sanjuan	Comparison of the fluid geochemical signatures between Bouillante and the French West Indies
11:30	P. Calcagno	A 3D Structural Model to Merge Onshore and Offshore Geothermal Resources
11:50	C. Dixit	On site experiments about silica deposition and kinetics in the Bouillante geothermal field
POSTER		
C. Copol	Études mathématiques et numériques pour la modélisation des systèmes hydrothermaux	
P. Patrier	Occurrence of epithermal breccias in the Bouillante geothermal field (Basse-Terre, Guadeloupe)	
C. Vérati	First Ar-Ar dating of the high temperature epithermal breccias in the Bouillante geothermal field	

Geosciences education and Geodiversity - Tuesday 22nd

- Chairmen : Dr S. James Williamson and Dr Y. Mazabraud

13:30		
P-M Sarant	Séismes vécus: 2 films courts	Abstracts relatent des expériences croisées sur les séismes
13:50		
J.C Audru	Actions towards seismic risk mitigation in Martinique, French Antilles	
14:10	J.L. Berenguer	Tuned in to the Earth from the classroom with 'Sismos' (Sismos)
14:30	Y. Mazabraud	Teaching Geology in the French West Indies. From the classroom to the field
14:50	T. Forissier	Les représentations d'élèves de Guadeloupe sur la géologie
15:10	S. A. James-Williamson	The changing role of the UWI Geology Museum: from a teaching tool to a research facility
15:30	P. Lecomte	Patrimoine Géologique de la Guyane : une démarche de gestion
15:50	L. Legendre	Géodiversité, inventaire et protection en Caraïbe : l'exemple de la Martinique
POSTERS		
G. Louisy-Louis	Le risque sismique en Guadeloupe : conceptions d'élèves	

Applied Geology - Tuesday 22nd

- Chairmen : Dr P. Nehlig and Dr JF Lebrun

13:30		
N. Harvey	Sequence stratigraphic and	Abstract dynamic interactions in the Northern Cuba Ba
13:50	C.J. Schenk	Estimation of undiscovered conventional oil gaz res
14:10	J-F Thimus	Projet pilote de la cartographie géotechnique de l
14:30	E. Vanoudheusden	Seismic microzonations of municipalities in French
14:50	K. Guerrier	Comportement mécanique et rhéologique du sol de
15:10	P. Nehlig	3D resistivity mapping of volcanic islands
15:30	L. Ducreux	Evolution et dynamique du trait de côte de l'archipe
15:50	H. Martinez	
Public Policy in Groundwater: Far from the Rhetoric, Closer to the Reality		
POSTERS		
H. Martinez		
Mitigación de Potencial	Conflicto entre Departamentos Colombianos por los Planes Departamentales c	
E. Lopera	Map of Mineral Ressources in the Dominican Republic	
R . Tarkowski	Carbon Capture and Storage – example from Poland	
S. J. Muñoz Tapia	Dessarrollo de los estudios geotematicos y el Servicio Geologico Nacional c	
J. Rodriguez-Reyes	Atlas por provincias del	potential geologico-minero de la Republica Dominicana
Marie Gisèle P.A. Pierre	Etat des connaissances sur le Lac Azuei ou Etang Saumâtre (Haïti). Import	
Wolfield Tingué	Mineralogical and geotechnical characterization of dredged sediments from	

General Geology - Tuesday 22nd

POSTERS

Abstract

L. J. Chizmadia	Reproducing phyllosilicate textures found in the fine-grained matrices of the C
S. A. Lebrón-	

Rivera	Understanding temperature and pH conditions during aqueous alteration of the
A. Ould Hamou	Minéralisations uranifères liées aux dépôts gréseux du Dévonien Inférieur
F. Dabbaghisadr	Biostratigraphy and Lithostratigraphy of the Middle and Late Jurassic Rock

Petro-geochemistry and Histoiry of the Caribbean - Wenesday 23rd

- Chairmen (Morning) : Pr J.-M. Lardeaux and Dr S. Brouwer
- Chairmen (Afternoon) : Dr JF Lewis and Dr Y. Rojas-Agramonte

8:00		
M. Villeneuve	The Caribbean domain by Abrade	Palaeozoic time
8:20		
S. Brouwer	Is the Beata Ridge the	cause of the bending of the structures in Central Hispania
8:40	G. Chicangana	La Sierra Nevada de Santa Marta y la Serranía de
9:00	S. Radford	The Ocean Drilling Program around the Caribbean
9:20	G. Andjic	Late Cretaceous pelagic and arc-derived sediment
9:40	P.O. Baumgartner	Early Jurassic alkaline basalts in the Santa Rosa A
Coffee break		
10:30	P.O. Baumgartner	Mesozoic Ribbon Radiolarites of the Caribbean Pla
10:50	J.M. Lardeaux	Discovery of Lower Cretaceous syn-metamorphic t
11:10	C. Vérati	New radiometric ages for the basement of La Desir
11:30	I. Corral	New constraints on the tectonostratigraphy, geoch
11:50	K. Glaccum	Paleomagnetic study of cretaceous arc terranes in
12:10	R. N. Abbott	Thermotectonic history of metamorphic rocks in the
LUNCH		
14:00	J. F. Lewis	Cr-spinel composition and platinum-group minerals
14:20	Rojas-	
Agramonte	Early Cretaceous arc formation and crustal inheritance in central Cuba: geoche	
14:40	R. N. Abbott	Fragments of a mantle plume in northern Dominica
15:00	T. N. Ufret	Petrologic and Geochemical study of Culebra's Ea
15:20	F. Longo	Co mineralization in the Falcondo's laterite deposit
15:40	D. A. Laó-Dávila	
Paleogene thrust emplac	ement of serpentinite in southwestern Puerto Rico	
16:00	J.L. Cobiella-Reguera	Cretaceous/Paleogene boundary deposits and pale
POSTERS		
J. Escuder-Viruet	Tectonothermal evolution of the high-P Samaná metamorphic complex: rec	

J. Escuder-Virueite	Intraoceanic subduction and arc-continent collision in northern Caribbean:
IGME-BRGM-	
INYPISA	Geothematic mapping in the Dominican Republic
C. Nelson	
A Tectono-stratigraphic	map of the Greater Antilles

Volcanology and Volcanic Risks - Wenesday 23rd

- Chairmen : Dr J.R. Altidor and Dr J.B. de Chabalier

8:00		
G. Boudon	On the explosivity of lava	Abstract
8:20		
J-C Komorowski	Scenario definition, hazards	assessment and risk mitigation for the next erupt
8:40	H. Balcone-Boissard	Halogen behaviours during andesitic magma dega
9:00	G. Boudon	Effects of large flank collapse events on the magm
9:20	M-L Bernard	Remote and in situ plume measurements of acid g
9:40	P. Allard	
Géochimie isotopique de l'hélium dans les eaux et gaz de la Guadeloupe : interations entre fluides ma		
POSTERS		
G. Lalubie	Volcanic hydro-geomorphology and the rediscovery of an ancestral (Carib,	
A.Finizola	Etude des circulations hydrothermales associées aux principaux axes de fa	
Y. Legendre	A high-resolution reconstruction of the recent eruptive past of La Soufrière	
O. Coutant	Geophysical Imaging of La Soufriere Volcano	
A. Samper	Timing of flank collapse events in the Lesser Antilles arc	
A. Samper	K/Ar dating and DEM-based reconstruction of southern Basse-Terre volcan	

Seismic risks and Tsunamis - Wenesday 23rd

- Chairmen (Morning) : Dr J.R. Altidor and Dr M.P. Bouin
- Chairmen (Afternoon) : Dr V. Clouard and Dr M. Bengoubou-Valérius

10:30	J-R Altidor	Efforts pour établir une sismologie et géodésie en Haïti
10:50	J-B de Chabaliér	ECAR Observatories : a collaborative program for
11:10	M-P Bouin	Source parameters of the Mw 7.4 Martinique earth
11:30	S. Drouet	Evidence of stress drop magnitude scaling and sto
11:50	M.	
Belvaux	Regional and local seismic hazard mapping for seismic risk mitigation of Santia	
12:10	F. de Martin	Blind inversions of shear-wave velocity and dampin
Lunch		
14:00	M. Bengoubou-Valerius	Bootstrap Determination of b-values: An assessme
14:20	L. Valmy	Etude comparative de modèles stochastiques pour
14:40	F. de Martin	From Geology to Realistic Large-Scale Spectral-El
15:00	J-L Léticée	Tsunami deposits and liquefaction structures in the
15:20	N. Zahibo	Tsunami Hazard for the French West Indies, Lesse
15:40	F. Dondin	Tsunami source generated by a sector collapse ep
16:00	E. Pelinovsky	Rogue Waves in the Ocean as a Part of Marine Na

CARIBE WAVE 2011, Public conference - Wenesday 23rd

18:00	N. Zahibo	Qu'est-ce qu'un tsunami ? Histoire des tsunamis dans les Petites Antilles.
J.-M. Mompelat	Modélisation des impacts, des risques : état des lieux et perspectives	
M.-P. Bouin	Le système d'alerte aux tsunamis dans la Caraïbe : où en est-on ?	
E. Desplanques	Etat des lieux et perspectives de la réponse de sécurité civile.	

Active Geodynamics - Thursday 24th

- Chairmen : Dr B. Mercier de Lepinay and Dr J.-F. Lebrun

8:00	Pulliam, J.	Seismic Sequences Associated with Complex Subduction in the Northeast Ca
8:20		

Mercier de Lepinay, B.	The Jan.12, 2010 Haiti earthquake : looking for the fault, from aftershock distribution	
8:40	Llanes-Estrada P.	
Is the Caribbean plate subducting underneath Hispaniola?		
9:00	Carbò-Gorosabel A.	
Marine geophysical research helps to assess the seismic hazard at the Hispaniola Island		
9:20	Granja-Bruña J.-L.	
Offshore shallower structure of the collision zone between the Muertos thrust belt and the Beata Ridge		
9:40	Lopez-Venegas A.	Continuous GPS Observations Give Insight into Puerto Rico Trench
Coffee break		
10:30	(Ruiz M.) - Monfret T.	Seismic Activity offshore Martinica and Dominica is related to the subduction of the Caribbean plate
10:50	Laigle M.	Approach to the submerged fore-arc of the Lesser Antilles
11:10	Pichot T.	Tectonic evolution of Barracuda Ridge and Tiburon Spur
11:30	Weil-Accardo J.	Relative sea level variations on the last two centuries in the Lesser Antilles
11:50	Mazabraud Y.	Les Saintes volcanic system: a field survey for structural and tectonic evolution
12:10	Thinon I.	Structural context of the Bouillante area: Contribution of geophysical data

POSTERS

Galvé A.	3D Fore-arc structure offshore Martinique and Dominique island
Leclerc, F.	Active faulting induced by slip partitioning in Montserrat and link with volcanic activity
J.F. Lebrun	The Kashallow Program - A study of the tectono-sedimentary architecture of the Lesser Antilles
J. Weil-Accardo	Vertical deformations related to the January 12 2010 Haïti earthquake
T. Alvarez	Subduction-to-Strike-Slip Transition in the Southeast Caribbean Using Deep Seismicity
G. Chicangana	Sobre el origen de la sismicidad en la Sierra Nevada de Santa Marta y la Faja de Neiva

Pedology, Subsurface, biogeology - Thursday 24th

- Chairmen : Dr J.-M. Mompelat and Dr ...

8:20		
A. Rousteau	The West-Indian Sloanea and the age of the recent arc	
8:40	Rad, S.	Chemical weathering and erosion rates in Lesser Antilles
9:00	Cabidoche, Y.M.	Sols dérivés de roches volcaniques : un patron de

Landslides and Gravity instabilities - Thursday 24th

- Chairmen : Dr J.-M. Mompelat and Dr ...

9:20		
L. Brown	Earthquakes induced landslides	Abstracts of the 14th technique to date earthquakes
9:40	V. Clouard	2009-2010 landslide crisis in Martinique related to
Martinique earthquake		
Coffee break		
10:30	A. Mandal	
Rainfall induced river flood modelling in Jamaica with special emphasis on Port Maria, St Mary		
10:50	J-M Mompelat	Séisme du 12 janvier en Haïti : Premiers enseignements
11:10	H. G. Rameau	Pluviométrie et calculs de stabilité de talus routiers
11:30	A.V. Barras	Mouvements de terrain associés aux intempéries
11:50	J. Berthoumieux	Etude des caractéristiques géophysiques, géotechniques
12:10	E. Vanoudheusden	Evaluation and prevention of soil liquefaction at Fort-de-France
POSTERS		
V. Clouard	Analysis of 2009-2010 lahars in Prêcheur River, Martinique, with acoustic, seismic, and	
C. Aubaud	Historical record of landslides, floods, and lahars in the Prêcheur river catchment	
B. Vittecoq	Interpretation of the piezometric fluctuations associated to the november 29	
E. Foerster	Liquefaction risk assessment for natural soils: the Belle-Plaine borehole test	

Public conferences at the Université Antilles Guyane - Thursday 24th

14:00		
J-M Lardeaux	L'évolution géologique de la plaque Caraïbes: un cas d'étude exemplaire de l'Antilles	
Abstract		
15:00		
Y. Mazabraud	Enseigner la Géologie aux Antilles: quels savoirs pour quel public?	