

GEOCON 2017

GEOLOGISTS : PARTNERS FOR COMMON GOOD AND SOCIAL JUSTICE

Annual Geological Conference of the Geological Society of the Philippines
13-14 December 2017 | Dusit Thani Hotel, Makati City

SCIENTIFIC PROGRAM

13 December 2017	
07h30 – 9h00	Registration
09h00 – 10h00	<p>Welcome and Opening Remarks <i>Atty. Fernando S. Penarroyo</i> <i>2017 GSP President</i></p> <p>Introduction of Keynote Speakers <i>Atty. Fernando S. Penarroyo</i></p> <p>Hon. Allen Jesse C. Mangaoang <i>Representative</i> <i>Lone District of Kalinga</i></p> <p>Atty. Bayani Agabin <i>Undersecretary</i> <i>Department of Finance</i></p> <p>Opportunities in Challenging Times <i>Gerard H. Brimo</i> <i>Chairman</i> <i>Chamber of Mines of the Philippines</i></p>
10h00 – 10h30	Coffee Break
Session on Mineral Resources and Mining Industry <i>Moderator : Dr. Rogel Santos</i>	
10h30 – 10h50	The Decline in Mineral Discoveries and Consequences for Society <i>Douglas Kirwin</i>
10h50 – 11h10	The Carmen Orebody in the Mankayan District, Northern Luzon, Philippines: A High- to Intermediate Sulfidation Epithermal Au-Cu Deposit Overprinted on a Porphyry Cu-Au Mineralization <i>Rhyza Ruth T. Parcon</i>
11h10 – 11h30	Mineralization Characteristics of the Suyoc Epithermal Deposit, Mankayan, Benguet, Philippines <i><u>Q.B. Soberano, et.al.</u></i>
11h30 – 11h50	CSR, SLO, SMS vis CSO, SSM, EIS issues for social justice, common good and national development: Root causes and possible solutions for the Mining Industry <i><u>G.P. Yumul Jr., N.L. Caagusan, F.B. Dobli, C.B. Dimalanta, D.V. Faustino-Eslava, E.S. Andal, K.L. Queaño, E.J. Marquez</u></i>

11h50-13h00	<i>Lunch</i>
Geological Society of the Philippines Matters	
13h00 – 13h30	Proposed Amended GSP By-Laws : Rationale <i>Ciceron A. Angeles, Jr.</i>
Session on Petroleum Energy Resources <i>Moderator: Alessandro O. Sales</i>	
13h30 – 13h50	The DOE's Philippine Conventional Energy Contracting Program (PCECP) for Petroleum and Coal <i>Melita V. Obillo</i> <i>OIC Director, ERDB-DOE</i>
13h50 – 14h10	Fit for Purpose Development Strategies for Marginal Assets in Offshore Northwest Palawan <i>Lara Mambuay Karla Valdellon, Gaea Rosell, , Dennis Panganiban and Alessandro O. Sales</i>
14h10 – 14h30	3D Seismic Investigation of the Structural, Stratigraphic characteristics of the Pagasa Wedge, Southwest Palawan Basin, Philippines, and their Tectonic Implications <i>Kimberly A. Ilaog and Christopher K. Morley</i>
14h30 – 14h50	Reservoir Potential of the Syn-Rift Succession In Northwest Palawan, Philippines <i>Charlotte Vinarao</i>
14h50 – 15h10	<i>Coffee Break</i>
Session on Exploration Technology, Geothermal, Renewable and Nuclear Energy <i>Moderator: Marivic Martinez-Olivar</i>	
15h10 - 1530	Enhancing Understanding of Subsurface Geology Integrating Surface Based Non-Seismic (Magnetotelluric and Gravity) and Seismic Measurements <i>Andy MacGregor</i>
15h30 – 15h50	Opportunities and Challenges to Geothermal Energy Development in the Philippines <i>Noel D. Salonga</i>
15h50 – 16h10	Geologic Remote Sensing in Geothermal Resource Exploration : A Case Study from the Amacan Geothermal Prospect, Compostela Valey, Philippines <i>Jeffrey Bermido, et. al</i>
15h10 – 16h30	New Dawn for Nuclear Science in the Philippines <i>Carlo A. Arcilla</i>
Special Session on the Benham Rise and the Big One	
16h30 – 16h50	Benham Rise and Its Resource Potential <i>Jay L. Batongbacal</i>
16h50 – 17h10	The Big One Renato Solidum, Director PHIVOLCS
17h10 – 17h30	POSTER PRESENTATION : STRATIGRAPHY, GEOCHEMISTRY and MINERALOGY

14 December 2015	
Session on Geology, Geohazards and Environment <i>Moderator: Cecilio Bautista and Dr. Teresito Bacolcol</i>	
08h30 – 08h50	Stratigraphic Relationship of the Sansotero Limestone to the Moriones Formation in Brgy. Sansotero, Sta. Ignacia, Tarlac Province <i>Janine dela Cruz and Maybellyn Zepeda</i>
08h50 – 09h10	The National Volcano Monitoring and Warning Program: Five Years of Strategic Development Towards the State-of-the-Art in Volcano Monitoring <i>Ma. Antonia Bornas</i>
09h10 – 09h30	Calculating Impacts from Earthquakes, Severe Wind and Flood Hazards <i>Maria Leonila P. Bautista, et. al.</i>
09h30 – 09h50	Subsidence Hazard due to Piping Psuedokarst in Barangay Virac, Itogon, Benguet, Philippines <i>Liza Socorro J. Manzano, et.al.</i>
09h50 – 10h20	Coffee Break
10h20 – 10h40	Environmental Impact of the Nido and Matinloc Oil Platforms Offshore Northwest Palawan, Philippines <i>Karla Valdellon, Lara Angeli T. Mambuay, Gaea Marie B. Rosell</i>
10h40 – 11h00	Geotechnical Design of the Large Water Storage Stope in the Didipio Mine <i>Lawrence T. Custodio and P.B. Lourence</i>
11h00 – 11h20	Addressing the Challenges of Climate Change: Opportunities for Geologists <i>Edwin Domingo</i>
11h20 – 11h40	Proposed Revised BS Geology Curriculum per CHED Policies, Standards and Guidelines <i>Mario A. Aurelio</i>
11h40 – 13h00	POSTER SESSION 2 : EARTHQUAKE, FAULTS, GROUND RUPTURE, VOLCANOES AND TSUNAMI
12h00 – 13h00	Lunch break

Geological Society Matters	
13h00-15h00	<p>The CPD : Rolando E. Pena Chairperson Board of Geology</p> <p>President's Report : Atty. Fernando S. Penarroyo 2017 GSP President</p> <p>Treasurer's Report : Alberto P. Morillo 2017 GSP Treasurer</p> <p>Geocon 2017 Report: Redempta P. Baluda Geocon 2017 Organizing Chair</p> <p>COMELEC Announcement of Election Results Mia Urbano Africa GSP Comelec Chairperson</p>

15h00 - 15h30	Coffee Break
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Keynote Presentation	
15h30 - 16h15	West Philippine Sea <i>Justice Antonio Carpio</i>
16h15 - 16h30	Closing Remarks : Atty. Fernando S. Penarroyo

Poster Session 1 : 16h50 - 17h30 Dec 13, 2017

STRATIGRAPHY, GEOCHEMISTRY and MINERALOGY

Petrographic and Geochemical Characteristics of Peridotites and Gabbros from the Dos Hermanos Mélange, Ilocos Norte	J.A. Pasco, et.al
Petrographic and Geochemical Characterization of the Sedimentary Sequences in Pujada Peninsula: Clues on its Geodynamic History	B.R.B. Villaplaza, et.al
Marine Terraces Along the Coasts of Northern Cebu Island: Insights on Relative Sea Level Changes and Uplift in Central Philippines	K.J.S. Sarmiento, et.al.
Age, Geochemistry and Isotopic Characteristics of the Granitoids in Northern Palawan	J.T. Padrones, et.al
Characteristics and Ion-Exchange Potential of Clinoptilolite In Immobilizing Heavy Metals In Aqueous Solutions	Zharina Ahne M. Corpus
Determination and Quantification of Scandium and Rare Earth Elements in Zambales Nickel Laterite Deposits by Geochemical Analyses	Rio Jasper Ruelo, et.al
Development of a Portable X-ray Fluorescence (PXRF) Spectrometer Calibration for the Analysis of Nickel Laterite Deposits	Angelo Panlaqui, et.al
Crustal thickness modelling of the Manila Trench region: Constraints from gravity and magnetic data	C.J.J. Arellano, et.al
Heavy Metal Enrichment and Organic Matter in Lacustrine Sediments from Laguna De Bay, Philippines	B. A. L. Santillan, et.al

Poster Session 2 : 11h30-12h30 December 14, 2017

EARTHQUAKE, FAULTS, GROUND RUPTURE, VOLCANOES and TSUNAMI

Assessment of the Earthquake-Induced Landslides Triggered by the 06 July 2017 Magnitude 6.5 Leyte Earthquake	Margarita P. Dizon, et.al
Coulomb Stress Transfer Associated with 10 February 2017 Magnitude 6.7 Surigao Earthquake	Bryan Marfita, et.al
Possible Tsunami Deposits of the 1976 Moro Gulf Earthquake in Zamboanga Del Sur, Philippines	S.M.D. Claro, et. al.
Surface Rupture of the Philippine Fault from the 10 February 2017 M6.7 Surigao del Norte Earthquake	Kathleen L. Papiona, et.al
Surface Rupture of Philippine Fault Associated with the 06 July 2017 M 6.5 Leyte Earthquake	Deo Carlo Llamas, et.al
A Source Zone Model for Seismic Hazard Assessment of the Philippines	Henremagne C. Peñarubia
Empowering Stakeholders in the Use of GIS Applications for Access of PHIVOLCS Hazards Information	Mabelline Cahulogan, et.al
An Updated Model on the Formation of the Double Arc Structure in Babuyan Segment, Luzon Arc: Insights from Xenoliths of Sabtang Island	G.T. Valera, et.al.
Geologic Impacts of the Feb. 10, 2017 M6.7 Surigao Del Norte Earthquake	Maria Isabel T. Abigania, et.al