

1st PHILIPPINE INTERNATIONAL GEOTHERMAL CONFERENCE

Marquis Events Place, Bonifacio Global City, Taguig, Metro Manila, Philippines

OCTOBER 2, 2019

7:00 - 9:00	Registration
9:00 - 9:20	National Anthem / Invocation / Safety Moment
	Intro of Keynote Speakers, Mr. Jeff Caranto - President, NGAP
9:20 - 9:35	Keynote Speaker Mr. Richard Tantoco, EDC President and COO
9:35 – 9:50	Keynote Speaker Atty. Mona Dimalanta, National Renewable Energy Board Chairman
9:50 - 10:00	Keynote Speaker Asst. Secretary Robert B. Uy, Department of Energy

10:00 - 10:15 *Group Photo and Break*

COUNTRY UPDATES Dana Marie Sunga (Moderator)			
10:20 - 10:40	Status Report of Locally-Funded Projects of the Department of Energy	<i>Riz Abigail Reyes</i>	Department of Energy
10:40 - 11:00	Enhancing the Regulatory Framework for Non-Conventional Geothermal Resources	<i>Fernando S. Peñarroyo</i>	Cleanrock Energy
11:00 - 11:20	Philippines-Taiwan Cooperation in Geothermal Energy	<i>Chao-Shing Lee</i>	Taiwan Geothermal Association
11:20 - 11:40	Road Map and A Ten Thousands Megawatts Geothermal Project in Indonesia	<i>Suryadarma</i>	Indonesian Geothermal Association (INAGA)
11:40 - 12:00	Low Carbon Development Initiative and the Role of Renewable Energy in Indonesia	<i>Mr. Yahya Hidayat</i>	Indonesia
12:00 - 12:20	Unconventional Geothermal Power in Australia	<i>Graeme Beardsmore</i>	University of Melbourne

12:20 - 1:30 LUNCH

EXPLORATION FOR GEOTHERMAL RESOURCES Paul Abrasaldo (Moderator)			
1:30 - 1:50	Understanding Geothermal Resources in the Taiwanese Orogeny: Insights from the Southern Alps of New Zealand	Andrew Rae	GNS Science
1:50 - 2:10	New Zealand Geothermal: The Next Generation - Harnessing supercritical fluids	John Burnell, Isabelle Chambefort, Bruce Mountain, Greg Bignall, Andrea Blair	GNS Science, Upflow Ltd
2:10 - 2:30	High Altitude Geothermal Potential of Tibet	Mr. Chen Xiao Lin	Dangling County Yang Geothermal Electric Power Station Co Ltd
2:30 - 2:50	Seismic Tomography: A Viable Exploration Tool for Philippine Geothermal Resources	Emmanuel G. Ramos, LCD Fernandez	Tekton GeoMetrix, Inc.; Maibarara Geothermal Inc.

2:50 - 3:05 BREAK

BEYOND FLASH Ryan Alvarez (Moderator)			
3:10 - 3:30	Evaluation of Optimization Plant Prospect at the 120-MW BacMan Geothermal Production Field	Richard C. de Guzman, Dana Marie R. Sunga, Edwin H. Alcober	Energy Development Corporation
3:30 - 3:50	Update on Large Geothermal Units and Wellhead Distributed Generation	Joseph Bonafin, David Paul	Turboden S.p.A.
3:50 - 4:10	Coupled Geothermal Plant and Reservoir Modeling	Prof. Rosalind Archer, Mohammed Dabbour	University of Auckland
4:10 - 4:30	Milk Pasteurization Using Low-Temperature Geothermal Fluids in Dauin, Negros Oriental	Christ C. Quinicot, Engr. Angel M. Honculada	Negros Oriental State University
4:45 - 5:30	12th Annual General Meeting (AGM) of IGA-AWPRB, <i>Suryadarma</i>		

OCTOBER 3, 2019

RESERVOIR CHARACTERISTICS, FLOWS AND MANAGEMENT			
<i>Kennard Maturgo (Moderator)</i>			
8:30 – 8:50	Updated Conceptual Model From Natural State Modelling Of Danau Ranau Geothermal Field	<i>Afiat, Onny Idianto, Gladiez F. Rera, Galih Kusumo, Sutopo, Heru Berian, Muhammad Ridwan Hamdani</i>	Institut Teknologi Bandung
8:50 - 9:10	Void Fraction Correlations in Geothermal Two-Phase Flows	<i>Alvin Remoroza</i>	Energy Development Corporation
9:10 - 9:30	Fracture Attribute And Topology Characteristics Of the Southern Negros Geothermal Field, Philippines	<i>Loraine Pastoriza Primaleon, Kenneth McCaffrey and Robert Holdsworth</i>	<i>Energy Development Corporation</i> , Department of Earth Sciences, Durham University
9:30 – 9:50	Predicting Success Of Well Discharge And Air Compression Of Tiwi Wells Using The Ratio Of Areas Of Flashing To Condensation (Af/Ac) Method	<i>Bravo, A.M., Tolentino, J.A., and Menzies, A.J.</i>	Philippine Geothermal Production Company, Inc.
9:50 - 10:10	Operational Flexibility in Managing Hot Brine Injection with the Recent Hook-Up of Idle Wells as Injectors in the Tiwi Geothermal Field	<i>Joy Tolentino</i>	Philippine Geothermal Production Company, Inc.

10:10 – 10:15 BREAK

LOW TO MEDIUM ENTHALPY RESOURCES			
<i>Eden Baliatan-Sernadilla (Moderator)</i>			
10:20 – 10:40	Approaches for the Screening and Commercialization of Low-Medium Enthalpy Resources	<i>Aaron Hochwimmer</i>	JACOBS

10:40 – 11:00	Bringing the Unconventional Revolution to Geothermal	<i>James Heatherington</i>	EAVOR Tech
11:00 – 11:20	Identification of Prospective Areas In Water-Stressed Regions For Low-Enthalpy Geothermal Desalination	Kenneth B. (Keg) Alexander, <i>John R. Gilliland</i>	JRG Energy

ACID RESOURCES <i>Pacino Puno (Moderato)</i>			
11:25-1145	Bariis-08 Redrill and Bariis-11: Long-term Outcome of Isolating Acid Zones	<i>Fra Cinco</i>	Philippine Geothermal Production Company, Inc.
1145-1205	Acidic Wells Utilization in Mahanagdong, Leyte, Philippines	<i>Erlindo Angcoy Jr., Katrina Dacillo, Lorena Daco-ag, Kristine Eia Antonio, Genevieve Cherube Carlos,</i>	Energy Development Corporation

1205-105 LUNCH

WELL DIAGNOSTICS <i>Dong Cotanda (Moderator)</i>			
1:10 - 130	Measuring Well Casing Integrity – Now and in the Future	<i>Richard Adams</i>	MB Century
1:30 - 1:50	Optimizing Selection and Qualification of Geothermal Well Casing Materials	<i>DaQin XU</i>	DNV GL
1:50 - 2:10	Well Surveillance and Analysis for Successful Diagnosis and Remediation of Well Performance Problems	<i>Ryan R. Alvarez</i>	Philippine Geothermal Production Company, Inc.

SUPPORT SERVICES Aya Fernandez (Moderator)			
2:15 – 2:35	The Role of the Geothermal Industry in the Development of the Supply Chain for New and Emergent Technologies	Steve Vincent	JACOBS
2:35 – 2:55	Geothermal Data Management Best Practise	Andrew McMahon	SEQUENT
2:55 – 3:15	Tax and Regulatory Matters Affecting Geothermal Industry	Atty. Carolina Francisca A. Racelis	SyCip, Gorres, Velayo & Co

3:15 – 3:30	CLOSING of TECHNICAL PROGRAMME - Mr. Larry Bayrante - Vice President, NGAP
3:30 – 3:40	BREAK
3:40 – 5:00	GENERAL ASSEMBLY MEETING

Master of Ceremonies

Lorraine Pastoriza-Primaleon and Jigo Mismanos