



Agenda



2 Day Short Course on the

African Union Code of Practice for Geothermal Drilling

June 13th-14th, 2018 in Addis Ababa, Ethiopia

organized by
African Union Commission (AUC)
and
German Federal Institute for Geosciences and Natural Resources (BGR)

Venue: African Union | Conference Room #1, 1st Floor | Old Conference Building | Addis Ababa

Wednesday, June 13th – Day One

- 09:00 **Welcome, Introductions** by
- Mr. Cheikh Bedda - Director - Department of Infrastructure and Energy, AUC.
 - Mrs. Barbara Schäfer, Counsellor, Head of Development Cooperation with AU, German Embassy.
 - Mr. Sahele Tamiru Fekede, Director, Ministry of Water, Irrigation and Electricity (MoWIE), Directorate of Energy Study and Development Follow-Up.
 - Georg Mayer (Ph.D.), BGR-Project Manager.
- 09:45 **Introduction:** What is the “African Union Code of Practice for Geothermal Drilling” all about?
- Gordon Bloomquist (Ph.D.) and Sam Abraham
- 10:30 *Coffee Break – Snacks*
- 11:00 **Lecture 1: Well Design**
- 12:30 *Lunch*
- 13:30 **Lecture 2: Well Sites**
- 15:00 *Coffee Break – Snacks*
- 15:30 – 17:00 **Lecture 3: Drilling Equipment, Tools, and Materials**

Thursday, June 14th – Day Two

- 09:00 **Lecture 4: Drilling And Well Testing Practices**
- 10:30 *Coffee Break – Snacks*
- 11:00 **Lecture 5: Well Operation and Maintenance**
- 12:30 *Lunch*
- 14:00 **Lecture 6: Well Abandonment**
- 15:30 *Coffee Break – Snacks*
- 16:00 – 17:00 **Exam and Closure**

Speakers

R. Gordon Bloomquist, Ph.D. (USA) is an internationally recognized geothermal expert who has done extensive consulting work for the World Bank, the United States Energy Association, the US Agency for International Development and the German Development Bank KfW as well as private companies and utilities. He has been providing consulting services to USAID and the African Union Commission on geothermal developments in East Africa and has helped set up geothermal risk mitigation programs for Eastern and Central Europe, Chile and Eastern Africa. He has provided consulting services on legislative and regulatory issues for geothermal development, power generation, power purchasing, project planning and financing. He has served on the Boards of the Geothermal Resources Council (GRC), the International Geothermal Association (IGA) and the International District Heating Association (IDEA). He was chairman of the 2010 World Geothermal Congress and has chaired annual meetings for both the GRC and IDEA. He served as a member of the Board of Directors of Nevada Geothermal Power and Chair of the NGP Technical Committee.

Samuel Abraham (USA, Kenya) has extensive experience in managing and supervising geothermal drilling operations in a number of countries as well as advising on drilling operations. Mr. Abraham has most recently been advising in Kenya and Ethiopia and has a very clear understanding of what would be required with regard to development and adoption of comprehensive geothermal drilling regulations throughout East Africa. He will also locally be available for those that may require assistance in the development of rules and regulations, as he is stationed on a semi-permanent basis in Kenya and would be able to advise any course participants.

List of Participants

- African Union Commission
- German Federal Institute for Geosciences and Natural Resources (BGR)
- Cluff Geothermal Ltd.
- Corbetti Geothermal Ltd.
- Department for International Development (DFID) - East Africa Geothermal Energy Facility (EAGER)
- ELC Electroconsult S.p.A.
- Ethiopia Energy Authority (EEA) - Geothermal Resource Development License & Administration Directorate (GRDLAD)
- Ethiopian Electric Power (EEP)
- Federal Ministry for Economic Cooperation and Development (BMZ)
- Geological Survey of Ethiopia (GSE)
- Icelandic International Development Agency (ICEIDA) / Ministry for Foreign Affairs Directorate for International Development Cooperation
- Japan International Cooperation Agency (JICA)
- KfW Development Bank
- Ministry of Water, Irrigation and Electricity (MoWIE)
- Ministry of Foreign Affairs and Trade of New Zealand (NZ-MFAT)
- OrPower 12 Inc.
- Reykjavik Geothermal ehf (RG)
- Tulu Moya Geothermal Operations Plc. (TMGO)
- United Nations African Rift Geothermal Development Facility (UN-ARGeo)
- United States Energy Association (USEA)
- United States Agency for International Development (USAID)
- United States Embassy to Ethiopia
- World Bank (WB) / International Finance Corporation (IFC)

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