



CAPACITY BUILDING IN GEOTHERMAL: SHORT COURSES, DIPLOMAS AND GRADUATE PROGRAM

**Geothermal Energy Workshop
Salta – December 2014**



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Objectives:

- ***1. Training at technical level in several áreas of Geothermal exploration and exploitation.***
- ***2. Educate high profile experts at postgraduate level on Geothermal.***
- ***3. Development of a program at CeMIE-Geo for joint international courses on Geothermal .***

- **GOAL 1 – Short courses-Basic knowledge: United Nations University of Iceland one week course.**
- **GOAL 2 – Specialized courses (2-4 weeks):**
 - Exploration techniques
 - Reservoir Engineering: modeling, drilling, etc.
 - Management

- **GOAL 3 – 9-10 months Diploma course on:**
 - **Geothermal Exploration**
 - **Reservoir Engineering**
 - **Project Management**
- **GOAL 4 – M.Sc., M.Eng., MBA and PhD:**
 - **Geothermal Exploration**
 - **Reservoir Engineering**
 - **Project Management**

Geosciences Diploma on Geothermal Energy:

- ***Basic Concepts on Geothermal***
- ***Geothermal Geology***
- ***Geothermal Geochemistry***
- ***Geothermal Geophysics***
- ***Geothermal Resource Evaluation and reserves calculation***

Engineering Diploma on Geothermal Energy:

- *Basic Concepts on Geothermal*
- *Thermal processes for geothermal exploitation and utilization*
- *Geothermal Reservoir Engineering*
- *Drilling and well tests*
- *Sustainability of Geothermal Exploitation*



Management Diploma on Geothermal Energy:

- ***Basic Concepts on Geothermal***
- ***Economic Engineering***
- ***Feasibility of geothermal exploitation and utilization (direct use)***
- ***Regulation of geothermal energy exploitation***
- ***Business model***

- **GOAL 4 – National Graduate Program on Geothermal.**
 - All institutions within CeMIE-Geo will offer courses on exploration, exploitation and management.

- **GOAL 5 – Colaboration agreements with international institutions and organizations**

**For more information
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