

# Alfredo Battistelli

## Geothermal Reservoir Engineer Consultant

- Esperienza

- **Geothermal Reservoir Engineer Consultant**

dic 2018 - Presente 2 anni 6 mesi

Italy

Planning of drilling and testing activities, well testing supervision and reservoir assessment for the development drilling project in Aluto (Rift Valley, Ethiopia). Ongoing.

Planning and interpretation of geothermal well tests (Turkey). Ongoing.

Review of ENEL's experiences in managing condensate injection at the vapor-dominated Larderello geothermal field, Italy.

Analysis of multiphase flow in CO<sub>2</sub> injection wells using the T2Well-ECO2M coupled wellbore-reservoir simulator (DICAM...

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**Saipem SpA, AMBEN Dept.**

10 anni 2 mesi

- **Senior Reservoir Engineer**

lug 2015 - nov 2018 3 anni 5 mesi

Fano (PU), Italy

Planning of drilling and testing activities for the exploration drilling project in Alalobad, Tendaho Graben (Central Afar, Ethiopia).

Planning of drilling and testing activities for the development drilling project in Dubti, Tendaho Graben (Central Afar, Ethiopia).

Planning of drilling and testing activities for the development drilling project in Aluto (Rift Valley, Ethiopia).

Reservoir engineering study and 3D reservoir modeling of Hululais geothermal field (Sumatera...

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- **Senior Reservoir Engineer**

ott 2008 - giu 2015 6 anni 9 mesi

Fano (Italy)

Updating of reservoir engineering study and 3D reservoir modeling of Menengai geothermal field (Rift Valley, Kenya).

Modeling of groundwater containment (P&T) beneath 70+ contaminated fuel service stations (Italy).

Modeling of acid gases and light hydrocarbons migration in a HPHT sedimentary basin using TOUGH2-TMGAS.

Training on "Modeling of geothermal reservoirs using Petrasim-TOUGH2", Bandung, Indonesia.

Review of reservoir engineering studies for a due diligence on two geothermal...

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### **Senior Reservoir Engineer**

Snamprogetti SpA

apr 2004 - set 2008 4 anni 6 mesi

Fano (Italy)

Reservoir evaluation of low enthalpy geothermal resources hosted in sedimentary formations discovered by O&G wells (Italy).

Development of modeling capabilities for the simulation of dolomitization processes in carbonatic formations using TOUGH2-TMGAS and TOUGHREACT (technical coordinator).

Development of modeling capabilities for the simulation of waterflooding with RPM polymer solutions in oil reservoirs using TOUGH2-TMGAS (technical coordinator).

Development of modeling capabilities...

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### **Reservoir Engineer - Well Testing Engineer**

Aquater SpA

apr 1984 - mar 2004 20 anni

San Lorenzo in Campo (Italy)

Development of TMVOCBio EOS module for the modeling of VOCs mixtures biodegradation in contaminated sites using TOUGH2 simulator (PURE EU founded project).

Development of TMVOC EOS module for the modeling of VOCs mixtures migration in contaminated sites using TOUGH2 simulator (in collaboration with LBNL).

Modeling of sea water intrusion in coastal aquifers of Domenicana Republic using TOUGH2-EWASG simulator.

Modeling of VOC migration and containment activities in several contaminated...