

# Iceland GeoSurvey

## Geothermal Consulting Services

Iceland GeoSurvey (ÍSOR) is a leading provider of scientific and technical expertise to the geothermal industry in Iceland and abroad. We offer consulting services worldwide on most aspects of geothermal exploration, development, and utilization, and we provide training and education on related issues.



[www.isor.is](http://www.isor.is)



Iceland GeoSurvey has, over the last six decades, provided scientific and technical services to the Icelandic power industry, to the Icelandic government, and to numerous companies and governments around the world.

Our focus is on geothermal systems, their exploration, development, and utilization, but we also work on a variety of other geoscientific projects. Iceland GeoSurvey has a wide range of experience in geothermal exploration, well design and drilling management, geothermal reservoir evaluation, well testing, and geothermal resource management.

We also provide engineering and economic services for steam gathering systems and power plants through cooperation with engineering companies in Iceland and abroad. Thus, Iceland GeoSurvey covers consulting on most aspects of geothermal development.

We are always open to participation in new projects and to collaboration with other companies and institutes.

### **Iceland GeoSurvey offers a wide range of services, including the following:**

- ▶ **Geothermal exploration**
  - Reconnaissance, prefeasibility assessments, and feasibility studies
  - Geological mapping, geophysical surveys, and geochemical studies
- ▶ **Drilling consultancy**
  - Well siting and design, mud logging, borehole logging, and drilling supervision
- ▶ **Well testing and evaluation**
  - Design, execution, and analyses of well tests
  - Well logging
  - Fluid sampling and analysis
- ▶ **Resource assessment**
  - Conceptual modeling
  - Volumetric assessment (Monte Carlo)
  - Field development optimization
- ▶ **Geothermal field management**
  - Reservoir monitoring
  - Sustainability assessment
- ▶ **Environmental studies**
  - General consulting and assistance with environmental impact studies
- ▶ **Due diligence, quality control, and second opinions**
- ▶ **Preparation and tendering of geothermal concessions**

Through collaboration with other companies and institutes we can render services regarding:

- ▶ **Economic analysis**
- ▶ **Permitting**
- ▶ **Design of power plants**
- ▶ **Power plant construction**

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