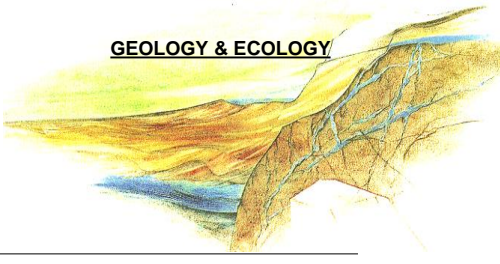


**GEOLOGY & ECOLOGY**



[www.geotest.cz](http://www.geotest.cz)

**Company specialization:**

- applied geology
- engineering geology & geotechnics
- ecological studies
- remediation
- waste management

**Region:**

- domestic & international

**Tradition:**

- more than 40 years of experience

[www.geotest.cz](http://www.geotest.cz)



**Service offer (I):**

- groundwater & rock environment protection
- contaminated waters, soils, wastes analyses
- protection and remediation of groundwater
- engineering geology and geotechnics
- ecological audits, risk assessments
- soil mechanics and geotechnical tests
- geophysical and geotechnical surveys
- waste management, waste dumps
- environmental impact assessments

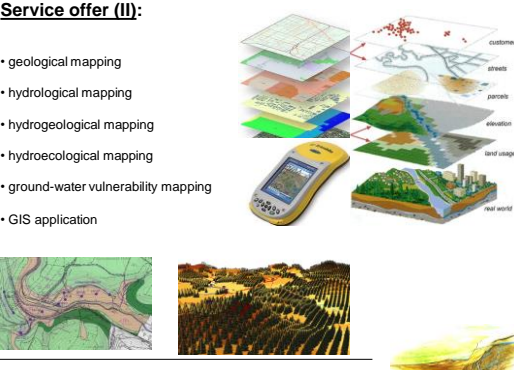
[www.geotest.cz](http://www.geotest.cz)



**Service offer (II):**

- geological mapping
- hydrological mapping
- hydrogeological mapping
- hydroecological mapping
- ground-water vulnerability mapping
- GIS application

[www.geotest.cz](http://www.geotest.cz)



**Certifications:**



ISO 9001



ISO 14001



ISO 18001

CSN EN ISO 9001 Quality Management System  
CSN EN ISO 14001 or EMAS II Environmental Management System  
OHSAS 18001 Occupational Health and Safety Management System

[www.geotest.cz](http://www.geotest.cz)



**International activities**

- Albania (Vlora – sanitation of mercury pollution, Kuvovë - refinery)
- Bosnia and Herzegovina (technology for waste disposal)
- Croatia (soil sampling and analyses)
- Cuba (geological investigations)
- Indonesia (drinking water supply)
- Iraq (FS - dams)
- Mongolia (drinking water supply)
- Slovakia (refinery sanitation, groundwater protection)
- Philippines (implementation of mini hydropower plant)
- Spain (geological and geophysical investigations)
- Sri Lanka (revitalization of a large source of drinking water)
- Sweden (groundwater laboratory analysis)
- Vietnam (mini hydro power plant)
- Yugoslavia (after war sanitations and reconstructions)

**GEOTEST d.o.o. Sarajevo**  
Tesarska br. 24a  
71 000 Sarajevo  
Bosna i Hercegovina  
GPS: 43° 51' 38.76" N, 18° 24' 6.96" E  
phone: +387 33 266 306  
fax: +387 33 266 305  
e-mail: [geotest@geotest.ba](mailto:geotest@geotest.ba)  
web: [www.geotest.ba](http://www.geotest.ba)

[www.geotest.cz](http://www.geotest.cz)





GEOtest

## Kurdistan (Iraq)

### "Feasibility Study & Design for Bawanur Dam & Garmian Irrigation Canal in Garmian"

The first stage of the project was the preparation of the **Feasibility Study** that was divided into five separate studies:

**Stage I**

- ☐ Topography Study Report
- ☐ Hydrological Study Report
- ☐ Hydraulic Study Report
- ☐ Geological Survey Report
- ☐ Environmental Impact Assessment (EIA) Report

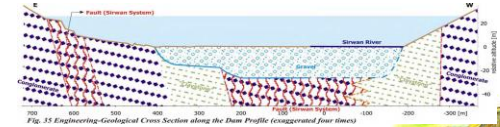


Fig. 35 Engineering-Geological Cross-Section along the Dam Profile (exaggerated four times)


[www.geotest.cz](http://www.geotest.cz)

GEOtest

The second stage of the project, the **Design Details**, was divided into seven separate parts:

**Stage II**

- ☐ Topography Survey Report
- ☐ Hydrological Investigation Report
- ☐ Geo-technical Study
- ☐ Design of the Bawanur Dam
- ☐ Design of Hydraulic Structures
- ☐ Design of Hydropower Plant
- ☐ Bill of Quantities and Time Schedule for Implementation



[www.geotest.cz](http://www.geotest.cz)


GEOtest

## Albania

### Vlora

#### "Revitalization of the Land Contaminated with Mercury in the Area of the Former Production of Cl-PVC" (2002 – 2007)

- geological, geochemical, geophysical and hydrogeological surveys
- design of technology for separation of mercury from soils
- technology installation
- pilot test
- operation test
- remediation



[www.geotest.cz](http://www.geotest.cz)


GEOtest

## Albania

### Kuçovë

#### "New Environmental Technology for Oil Industry"

- former refinery (1934-1992)
- lubricating oils
- petroleum coke
- asphalt (bitumen)
- acid residues



[www.geotest.cz](http://www.geotest.cz)

GEOtest

## Bosnia and Herzegovina

### "Delivery of Technology for Implementation of an Integrated Waste Management System in the Una-Sana Canton, Bihac"

- uncontrolled landfills mapping
- siting of a new secure landfill
- preparation of landfill sanitation
- landfill design
- technology delivery
- static and dynamic penetration








[www.geotest.cz](http://www.geotest.cz)

GEOtest

## Bosnia and Herzegovina

- drilling
- chemical analyses
- geological survey
- hydrogeological survey
- integrated waste collection

[www.geotest.cz](http://www.geotest.cz)





GEOtest

### Serbia

**"Search for Resources and Delivery of a Water Treatment Plant"**

- water sources mapping
- water quality monitoring
- hydrogeological survey
- installation of hydrogeological wells
- technology delivery
- increasing access to potable water
- prevention contamination

[www.geotest.cz](http://www.geotest.cz)

GEOtest

### Vietnam

**"Development of Rural Infrastructure of Vietnam – Electrification Using Renewable Energy Resources through Mini Hydro Power Plants"**

- developing power infrastructure
- provide energy - alternative sources
- power supplement for households
- establishment of a base for the development of mini hydro power plants
- technology delivery





[www.geotest.cz](http://www.geotest.cz)

GEOtest


### Philippines

**"Assistance in the Implementation of a System of Utilisation of Renewable Energy in the Form of Construction of MHPPs"**

- production and supply of electric energy for three localities

**"Assistance in the Measures Ensuring Reliable and Sustainable Drinking Water Supply for Manila After Damages by a Catastrophic Typhoon"**

- development of the area of Metro Manila
- reliability and quality of the drinking water supply
- reliable power supply from a renewable source





[www.geotest.cz](http://www.geotest.cz)

GEOtest

### Sri Lanka

**"Installation of a Well-Water Treatment Plant in Sri Lanka, after the Tsunami Disaster"**

- Delivery and installation of 20 WTPs and training of their operators





[www.geotest.cz](http://www.geotest.cz)

GEOtest

### Indonesia

**"The System of Water Treatment for Inhabitants and Refugees in Meulaboh / Pangandarang / Ciamis – Czech After-Tsunami Reconstruction Assistance"**

- Delivery and installation of 2 mobile WTPs and training of their operators





[www.geotest.cz](http://www.geotest.cz)

GEOtest



**Geology, Environment, Testing & Technology**

[www.geotest.cz](http://www.geotest.cz)

