GeoWiD www.geowid.de www.geowid.com

GeoWissenschaftlicheDienste

An innovative concept yields the possibility to answer an array of questions in diverse fields of science. With GeoWiD you found your one-stop partner for

#### Geosciences

## **Environment**

# Scientific Diving

# Special equipment

Our clients belong to different working domian, including consulting engineers, universities and research institutes, public institutions and mining companies. We would be glad to welcome you also as our partner on scientific work.

Please take your time to fully explore all our policies and services available here and on our website **www.geowid.com**.



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#### The Company

trade register

GeoWiD is a young and highly motivated company, which deals with geoscientific questions in both, terrestrial and marine environments. Our team consists of graduate geologists, geoecologists and bioscientists, all certified CMAS International Scientific Divers. We provide competence in a variety of geoscientific fields and aim to give you qualified answers concerning your underwater questions. Our flexible concept offers a range of opportunities to find new approaches to problem solving.

Call us or send an e-mail – we are looking forward to advise you and to provide a tailor made quotation to best suit your project needs.





# Geoscientific Services

# Range of competence

## Geology

#### Sampling of

- undisturbed and disturbed sediment samples for varying questions such as grain size or chemical analyses (e.g. contaminated sites)
- hard rock (near-surface: up to 1m) for petrological and geotechnical analysis
- water and gas for chemical analyses (water quality and characterisation)

**Mapping and documentation** of geological outcrops, especially:

- · slope mapping
- topography/morphology
- investigation of **drilling cores** (lithology, petrology, stratigraphy, borehole-geophysics, etc.)
- evaluation of geophysical investigations (geoelectrics, magnetics)
- stratigraphy

Qualified classification of soils and sediments.

**Foundation exploration** after applicable standards.



# Geoeocology

#### Monitoring

- qualitative and quantitative monitoring of water and gas emissions
- measurement of chemical data (temperature, electrical conductivity, redox potential, pH-value, etc.)
- evaluation of water quality
- analysis and monitoring of biological species diversity

#### Hydrology/ Hydrogeology

- sampling for hydro(geo)logical characterization of watercourses and groundwater leakage
- river catchment analysis



### **Geotechnics**

**Evaluation and mapping** of soil and sediments in accordance with applicable standards (determination of water content, consistency limits, proctor density, etc.)

**Brownfields** (after German Federal Soil Protection Law):

- monitoring
- sampling for (chemical) analysis
- mapping

**Laboratory and field investigation** according to DIN (proctor density, water permeability, plate-loading test, densitometer, etc.)

# **Scientific Diving**

All offered services can also be executed **under water**, including feasibility studies.

Moreover, we develop, design and distribute **special instruments** being engineered for underwater usage .



# **Quality assurance**

Each investigation comes along with a comprehensive documentation according to clients' needs.

#### We ensure quality assurance by:

- certification of our staff by CMAS International
- cooperation and international networking with specialists of diverse disciplines and subjects
- constant education and advanced training of our staff on highest scientific level
- order-related procedures to guarantee QA