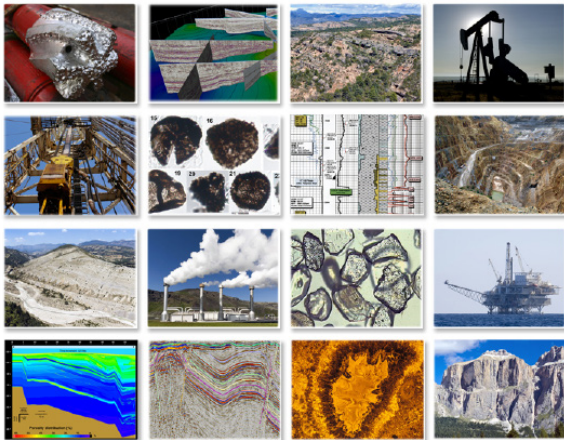


# GeoResources

Steinbeis-TransferCentre

*WHERE SCIENCE MEETS INDUSTRY*



Heidelberg, Germany

## About Us

**GeoResources** provides industry and latest research expertise for exploration of hydrocarbon systems, both conventional and unconventional. Our aim is the transfer of research knowledge into industry consultancy.

**GeoResources** Steinbeis Transfer Centre (STC) is one of more than 700 science and technology transfer centres of the Steinbeis Foundation, dedicated to the transfer of research knowledge into industry.

**GeoResources** is associated to the Heidelberg University of Excellence. It was founded in 2005 at the Institute of Earth Sciences of the University of Heidelberg.

## Contact

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## Our Mission

**GeoResources** provides industry and research expertise in the exploration and development of georesources. Our aim is to transfer latest research knowledge into industry consultancy, to improve the understanding, evaluation and exploration of georesources, mainly hydrocarbons.

**GeoResources** carries out integrated, multi-disciplinary as well as specific, single-focused exploration studies. Our focus is the integration of exploration-relevant research methods for quantification and modeling of basin development and HC systems. Our goal is to improve the reliability of sedimentary basin models and HC system analysis based on latest research at the Heidelberg University of Excellence.

**GeoResources** is focused on: 1) hydrocarbon exploration studies, 2) development of hydrocarbon exploration strategies and supervision, evaluation and quality assessment of exploration projects done by third parties, 3) training courses for hydrocarbon industry and state authorities.

**GeoResources** follows highest standards in exploration studies. Key elements of our mission include:

- Customer orientation
- Individual project design to clients needs
- Integrated basin and HC systems analysis
- Improved risk assessment

**GeoResources** offers wide regional expertise from the Infra-Cambrian of southern Africa, the Paleozoic to Cenozoic of Northern Africa to Europe and circum-Atlantic realms. This includes a large variety of sedimentary basins: foreland basins, intra-cratonic sag basins, rift basins and continental margins.

## Services

### Hydrocarbon E&P

Optical Kerogen Analysis - Source rock analysis  
 Integrated organic maturation analysis  
 Reservoir analysis  
 Biostratigraphy & Integrated sequence stratigraphy  
 Unconventional hydrocarbon system analysis  
 Integrated basin & hydrocarbon system modeling  
 E&P business advisory services

### Training courses

Petroleum geology  
 Well log interpretation  
 Sedimentary organic matter - principles and applications in hydrocarbon generation  
 Hydrothermal dolomites - outcrop-reservoir analogue analysis

### Additional Services

Geothermal Energy  
 Mineral Ores

## Projects

Projects are conducted at our office in Heidelberg or at your facilities. Current and past projects include:

- Rift-graben development and hydrocarbon generation, Cenozoic, Southern Germany
- Multidisciplinary analysis of unconventional hydrocarbon potential, Silurian, Arabian Plate
- Unconventional HC source rock potential based on Optical Kerogen Analysis, Silurian, Russia
- Source rock potential of Lower Carboniferous organic rich shales, North German Basin
- Evaluation of unconventional hydrocarbon source rock potential, North German Basin, Germany
- Evaluation of hydrocarbon source rock potential, Mesozoic & Cenozoic, Southern Germany
- Reservoir analysis, Mesozoic & Cenozoic, Upper Rhine Graben, Central European Rift Basins
- Unconventional HC source rock potential, Silurian, SE-Poland
- Integrated basin and reservoir analysis - Saharian Basins, Algeria
- Source rock and organic maturation analysis - Saharian Basins, Algeria
- Organic maturation & source rock analysis - Upper Rhine Graben, Central European Rift Basin
- Basin and paleotemperature development for unconventional gas exploration - North German Basin
- Integrated basin and reservoir analysis based on

## Projects (continued)

- high-resolution seismic and sequence stratigraphy - Atlantic Basins, Southern Morocco
- Basin development and paleotemperature history - Paleozoic Basin, Southern Morocco
- Basin development and numerical basin modeling, high-resolution seismic and sequence stratigraphy - Brazilian Continental Margin
- Carbonate reservoir analysis (hydrothermal dolomitization, fracturing) - Paleozoic Basins, Spain

