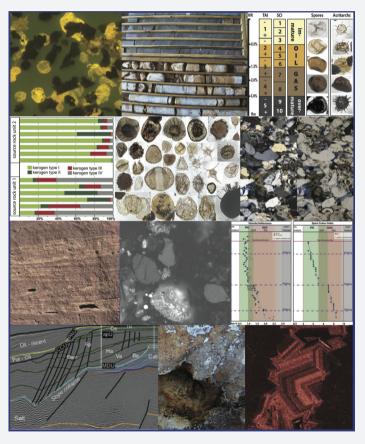


# GeoResources

Steinbeis-TransferCentre

Where Science meets Industry



Tailor-made Solutions to Meet the Needs of Your Exploration

#### Our Mission

**GeoResources** follows highest research standards in integrated multi-disciplinary and specific, single-focused industry consulting studies, improving the reliability of sedimentary basin and hydrocarbon system analysis. Key elements of our mission include:

#### **Customer orientation**

Project framework and duration tailored to your needs.

Supporting clients with individually designed exploration strategies.

Project operation and reporting according to time schedule

### **Integration**

Integrated exploration-focused workflows from applied and academic research

Integration of reservoir and source rock analysis for basin and hydrocarbon system models

### Qualitative and quantitative analyses

Wide range of specific methods from geoscientific research

Improving reliability of basin and hydrocarbon system models from 1D to 3D

### Improved risk assessment

Integrated, quantitative basin and HC systems analysis based on cross-calibration of different methods for reduced model uncertainties



#### **About Us**

**GeoResources** provides industry consultancy for hydrocarbon exploration, both conventional and unconventional. Our aim is to transfer latest research knowledge into industry 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 hydrocarbon systems. Our goal is to improve the reliability of sedimentary basin models and HC system analysis based on latest research knowledge

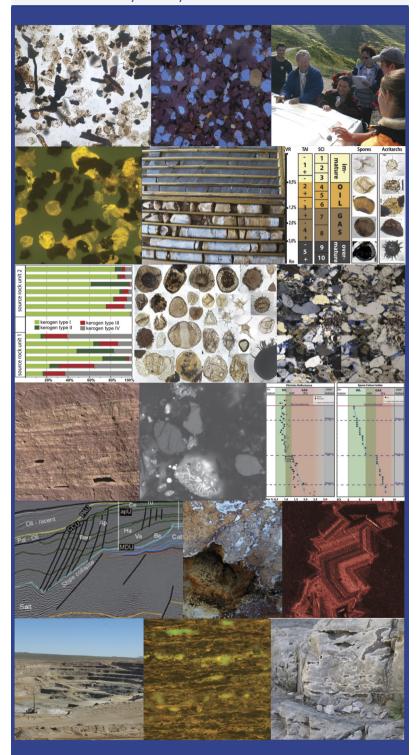
**GeoResources** is focused on: 1) hydrocarbon exploration studies, 2) development of hydrocarbon exploration strategies and supervision, evaluation and quality assessment of exploration projects done by third parties, 3) training courses for hydrocarbon industry and state authorities

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

**GeoResources STC** is an independent consulting company. It was founded in 2005 by members of the former Basin Analysis Research Group at Heidelberg University and was located at Heidelberg University until end of 2017. It is part of the network of science transfer centres of the Steinbeis Foundation (StW), which is focused on knowledge transfer from research to industry.

**GeoResources** is involved in academic research in collaborations with researchers from several universities and research institutes in Germany and abroad. Based on this we continuously modify and improve our service workflows, to increase the output and decrease the risk of hydrocarbon exploration

### Where Science Meety Industry





### **Services**

## **Hydrocarbon E&P**

Optical Kerogen Analysis (source rock potential)

**Integrated Maturation Studies** 

Reservoir Analysis

Unconventional HC System Analysis

Integrated Basin and HC System Analysis

### **Training courses**

Introduction to Petroleum Geology

Sedimentary organic matter - principles and applications in hydrocarbon generation

Tailor-made field-workshops - outcrop analogues according to your needs

#### Clients that trust us



### **Projects**

#### Current and past projects include:

- Thermal history and source rock potential of the Palaeozoic below the Molasse basin (Austria)
- Optical and geochemical analysis of hydrocarbon potential and basin maturation, Paleozoic to Cenozoic, Peru
- Rift-graben development and hydrocarbon generation, Cenozoic, Southern Germany
- Multidisciplinary analysis of unconventional shale plays, Silurian, Arabia
- Unconventional HC source rock potential based on Optical Kerogen Analysis, Silurian, Russia
- 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 hydrocarbon source rock potential, Silurian, SE-Poland
- Integrated basin and reservoir analysis, Saharian Basins, Algeria
- Thermal history and source rock analysis, Saharian Basins, Algeria
- Organic maturation & source rock analysis Upper Rhine Graben, Central European Rift Basin
- Basin development and paleothermal history, Paleozoic Basin, Southern Morocco
- Integrated basin and reservoir analysis, Atlantic Basins, SW-Morocco



### Contact

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