Oil and gas companies face major challenges from the dramatic decline in oil prices to the need to drastically cut costs and mitigate risk. They must find ways to operate more effectively and efficiently if they are going to remain competitive, profitable, and succeed in meeting energy demands.

Geofacets doubles research efficiency, reduces risk in exploration and development, and ensures companies spend smart.
BE MORE EFFICIENT, EFFECTIVE, AND PRODUCTIVE

In today’s economy, oil & gas companies need to be as confident as possible before investing. Better understanding the geological evolution, subsurface geology, and overall characteristics of an area means better decisions.

The information and data needed to develop strong recommendations and make decisions quickly are often buried, unorganized, and unformatted, which puts undue pressure on exploration and development teams.

All the while, exploration and development leaders must:

1. **Develop an Agile Strategy**
   Quickly react to and build plans for lease sales with limited time

2. **Reduce Risk**
   Mitigate geologic risks in prospect evaluation and development of existing assets

3. **Do More With Less**
   Optimize operations, streamline processes, and reduce unnecessary expenditures

And geoscientists need to answer complex questions like:

- How and when did the basin form?
- What is the geochemical signature of these rocks?
- Is there a viable petroleum system?
GEOFACETS
A MODERN INFORMATION SOLUTION FOR TODAY’S GEOSCIENCEISTS

Geofacets cuts research time by up to 50% and enables entire exploration and development teams to gain a deeper understanding of petroleum systems and reservoir properties quickly.

Using Geofacets reduces risk, leads to better investment decisions, and improves the ability to quickly react to opportunities in a competitive environment.

Geofacets answers geoscience questions efficiently by combining

**Essential Knowledge**
Vast, vetted database of geoscience information and data sourced from scientific publications

**Easy Discovery**
Spatially-smart search targeting, delivering results up to 50% faster than traditional methods

**Seamless Integration**
Actionable content can be fed directly into ArcGIS, Petrel, Excel, and more for further analysis and interpretation.
ESSENTIAL KNOWLEDGE

Geofacets offers over 1.5 million maps, figures, and tables sourced from esteemed scientific publications. A read-only PDF of every source article is included for added context.

Maps: 650,000+
Plots/Graphs: 425,000+
Tables: 225,000+
Photos: 135,000+
Stratigraphic Columns/Wells/Core: 80,000+
Sections/Profiles: 60,000+
Other Figures: 100,000+

Americas
Maps: 200,000+
Georeferenced Maps: 160,000+
Shapefiles: 1000+
Plots/Graphs: 105,000+
Tables: 55,000+
Photos: 55,000+
Stratigraphic Columns/Wells/Core: 20,000+
Sections/Profiles: 15,000+
Other Figures: 25,000+

Europe, Middle East, Africa
Maps: 223,000+
Georeferenced Maps: 180,000+
Shapefiles: 400+
Plots/Graphs: 145,000+
Tables: 80,000+
Photos: 55,000+
Stratigraphic Columns/Wells/Core: 35,000+
Sections/Profiles: 25,000+
Other Figures: 40,000+

Asia Pacific
Maps: 135,000+
Georeferenced Maps: 110,000+
Shapefiles: 400+
Plots/Graphs: 115,000+
Tables: 60,000+
Photos: 35,000+
Stratigraphic Columns/Wells/Core: 15,000+
Sections/Profiles: 15,000+
Other Figures: 25,000+

World, Ocean, and Polar
Maps: 100,000+
Georeferenced Maps: 30,000+
Shapefiles: -
Plots/Graphs: 60,000+
Tables: 25,000+
Photos: 10,000+
Stratigraphic Columns/Wells/Core: 10,000+
Sections/Profiles: 5,000+
Other Figures: 10,000+

Subject Area Coverage

Geology 53%
Location 9%
Oceanography 8%
Geophysics 6%
Paleogeography 5%
Geography 3%
Hydrology/Hydrogeology 1%
Meteorology/Climatology 1%
Pedology 1%

*Figures and tables are sourced from 1995-present content.
**Subject area coverage graphic reflects the percentage of content tagged with that particular subject tag out of the total number of subject tags.
EASY DISCOVERY

Geofacets ensures a modern, efficient approach to information and data searching. Location-based search capabilities and advanced refinement options efficiently drill down broad searches into relevant, easy-to-access results.

Search via Text

Search via Location

OR

Refine results

Results display via clusters and thumbnails

Access detail window with content details, links to source articles, download options, and more
SEAMLESS INTEGRATION

Geofacets makes geoscience information and data actionable. Geoscientists can integrate content into essential workflow tools like ArcGIS and Petrel to help build subsurface models. They can also compare proprietary models to published information and vice-versa, characterize a geologic basin, and more. References can be exported to reference management software.

TIFF and JPEG files may require further formatting before using in ArcGIS and Petrel.
Filling in Knowledge Gaps

“If you are in the beginning of the exploration phase in an area, you are often struggling to the data and maps, and you need to find them quickly. This is the time that Geofacets can help a lot, more than other sources.”
—Mohammed Fallah, OMV Exploration & Production GmbH

Increasing Efficiency

“{Using Geofacets}, the company was able to complete a global evaluation that would have taken at least a year – in under six months.”
—Geophysicist, Oil & Gas Company

Decreasing Risk

“Geofacets is an efficient tool for finding play analogs that ultimately help decrease exploration risk”.
—Jonathan Church, OMV Exploration & Production GmbH

Making Wiser Investment Decisions

“{Using Geofacets} we now further understand the range of the possible scenarios for the asset and have more precisely determined our boundaries.”
—Geologist, Oil & Gas Company

Increasing Efficiency

“Geofacets helps me to maximize the short amount of time that I have in preparing for and participating in data rooms.”
—Jonathan Church, OMV Exploration & Production GmbH
LEARN MORE

To request information or a product demonstration, please visit elsevier.com/geofacets or email us at geofacets@elsevier.com.

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