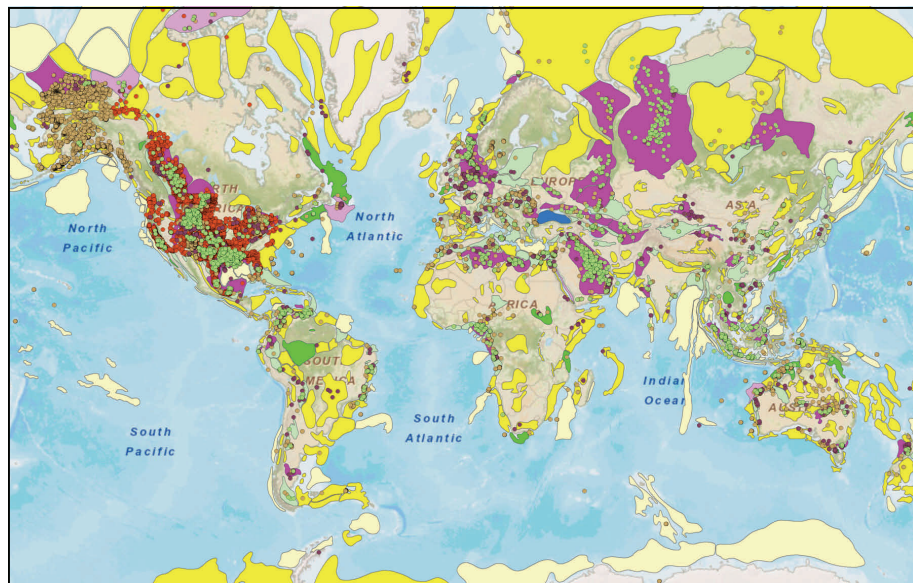


GIS-UDRIL

GIS Upstream Digital Reference Information Library



Sample of GIS-UDRIL Databases

GIS-UDRIL is an expansive project that provides digital products and services to upstream petroleum companies by preparing GIS-linked databases and atlases of georeferenced maps and other images. Following the successful Archives business model, Datapages offers the georeferenced files from among AAPG published materials and from other partner organizations.

Access to GIS-UDRIL is available to organizations under a 12-month subscription plan; pricing is based on the relative size of the organization. A pay-per-view plan for GIS files is in development.

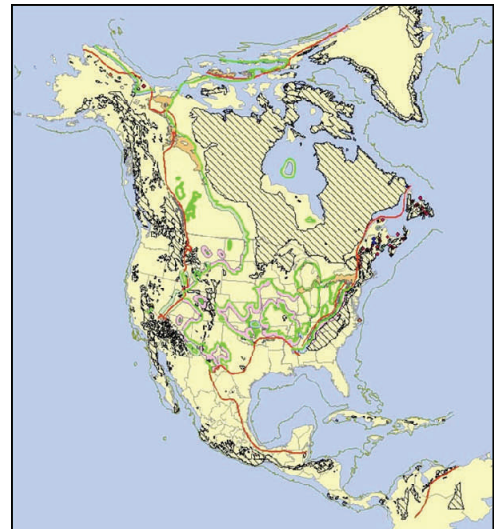
In addition to projects being created by GIS-UDRIL staff, new GIS collections are also being developed through the AAPGF-OSU Geoscience GIS Consortium, a partnership between AAPG and Oklahoma State University. This partnership was created in 2008 when the AAPG Foundation received a generous \$10 million endowment from Mr. Boone Pickens. The endowment created the Boone Pickens Digital Geology Fund, which is earmarked to underwrite the creation of GIS publications along with data acquisition and underlying geological research.

Map and Atlas Collections

Please note that these maps come in a variety of georeferenced raster and vector files. This list is current as of January 2013.

North America

- North America Atlas: Gravity, Geothermal and Tectonic Maps of North America
- Gulf Coast/Gulf of Mexico Atlas (primarily regional maps), 332 maps, including:
 - Tectonic Map of Gulf Coast Region U.S.A.
 - Structural Framework of the Northern Gulf of Mexico
 - Salt Tectonism of the U.S. Gulf Coast Basin
- Tectonic Map of North America, 1996
- Oklahoma Atlas, 39 maps
- Wyoming Atlas, 80 maps
- Montana Atlas, 17 maps
- New Mexico Atlas, 10 maps
- Western Canada Atlas, 140 maps
- Coalbed Methane Atlas (USA), 60 maps
- Coalbed Methane Resources Atlas (USA) (Limerick)
- Black Shales Atlas: Paleozoic in USA and Canada, 390 maps
 - Includes Gas Shales
- Geothermal Map of North America, 2004
- Tectonic Map of the United States, 1962
- Mississippi River Commission Report, 1944, 22 maps
- Petroleum Geology of the Mid-Continent Atlas, 18 maps
- Gulf and Peninsular Provinces of the Californias Atlas, 10 maps
 - Geologic, Tectonic, Seismic, Magnetic, Gravity, Bathymetric
- Stratigraphic Atlas: North & Central America by Shell Company, 1975
 - Hydrocarbon distribution, unit boundaries, radiometric & stratigraphic data from Lower & Middle Devonian
- Atlas of Vectorized Structure Maps of Oil and Gas Fields: Louisiana, 28 fields with 140 maps
- Atlas of Vectorized Salt Domes: Louisiana, 100 domes



Shell Atlas

Worldwide Coverage

- Atlas of Sedimentary Provinces / Basins of the World
 - Salt Domes/Salt Structures Atlas (Gulf Coast and global), about 500 domes with links to images and data-sheets; about 1,700 salt structures
 - Source Rock Atlas
 - Silurian, Devonian-Mississippian, Pennsylvanian-Permian, Upper Jurassic, Middle Cretaceous, and Oligocene-Miocene (Klemme/Ulmichek)
 - Three layers for each “paleo-reconstructed” globe
 - For more on source rocks, see the Source Rock Database
 - Gondwana Atlas (as of 150 Ma):
 - Geologic Map of Africa (restored to present position)
 - Geologic Map of South America (restored to present position)
 - Geologic Map of Australia (restored to present position)
 - South Atlantic Margins Atlas, 204 maps
 - Circum-Pacific Map Project (Circum-Pacific Council for Energy and Mineral Resources), 37 maps
 - NE, SE, NW & SW quadrants, as well as Arctic, Antarctic & Pacific basin coverage
 - Themes Include: Geology, Plate Tectonics, Geodynamics, Energy Resources, Mineral Resources & Geography
 - Magnetic Lineations of the World's Oceans
 - Tectonic Map of the World, 2007, 40 maps (Bally)
 - Map of Volcanoes, Earthquakes, Impact Craters and Plate Tectonics
 - Map of Gravity Fields of the World's Oceans
-

Worldwide Coverage, continued

- Deep Water Deposits Atlas, 112 case studies
- Incised Valley Atlas, 15 case studies
- Seismic Lines Atlas
(Over 5,700 seismic lines with hyperlinks to individual seismic profiles, in ArcMap & Google Earth formats)
 - North and South Atlantic Margins
 - North Sea
 - Gulf Coast/Gulf of Mexico
 - AAPG *Bulletin*, 1983 to Present
 - 3D, Gulf of Mexico & exclusive of USA

Miscellaneous International

- Arabian Plate Atlas, 90 maps, including:
 - Gulf of Suez Atlas, 25 maps
 - Iraq Atlas, 20 maps
- Libya Atlas, 90 maps
- Southeast Asia Atlas: Geological and Structural Maps with Cross Sections
- Georeferenced maps of the *AAPG Bulletin*, January-August 2004, January 2005 to Present

Databases

This list is current as of January 2013.

- **Oil and Gas Fields Database**
 - 2,000 oil/gas fields with hyperlinks to illustrations/maps/images, discovery history, drilling/completion, production, reservoir, source rocks, stratigraphy, structure and field summary
 - With form-search (menus with predefined criteria, such as basin name, basin type, reservoir age, reservoir lithology, structure type, depositional environments, etc.)
- **Source Rock Database**
 - ~21,800 locations, mostly of Jurassic and Cretaceous strata
 - For more on source rocks, see the Source Rock Atlas
- **Powley Compartment/Pressure Database**
 - More than 200 depth/pressure plots around the world
- **Reservoir Database**
 - 550 reservoirs, covering South Atlantic margins, Mediterranean region, North Sea, western Canada
- **M.K. Horn Burial History Database**
 - More than 850 case histories
- **Carbonate Buildups Database**
 - 79 producing carbonate buildups around the world
 - Key reservoir description parameters
 - Links to thin-section/core photos & significant geologic maps
- **Well Logs of Low Resistivity/Contrast Reservoirs Database**
 - In 105 blocks across Gulf of Mexico
- **Core Database**
 - 1,692 images
 - Canada: 9 case studies
 - Alaska: 53 case studies
- **USGS Geologic Provinces Database**
 - Populated with all pertinent publications
 - 120 provinces and over 1,200 open files



South America Maps

For More Information...

- GIS-UDRIL is a subscription-based archive of georeferenced maps & documents. It is available as a supplemental subscription to the AAPG/Datapages Combined Publications Archives database. For more information or to request a quote, contact Christina Hall at 918-560-2680 or gis-sales@aapg.org.

- Sign up for monthly Datapages email updates by emailing gis-sales@aapg.org.

- **Free GIS Webinar!** Join us each month for a demonstration of GIS-UDRIL. The 3rd Tuesday of every month at 10:00 am & 2:00 pm central time. For more information please email gis-sales@aapg.org.

Global Oil and Gas Fields - Search Form

Basic Search Source Rock Data Search Production Data Search

Basin:

Basin Type:

Type Type:

Lithology of Reservoir:

Age of Reservoir:

Depositional Environment:

Search Reset

Basin:

- North Sea, North
- Adriatic
- Adriatic Sea, North
- Adriatic, South
- Aegean
- Alberta
- Amudarya
- Amur
- Anadarko
- Anadarko (Hugoton embayment)
- Anadarko basin
- Anadarko Basin shelf edge
- Anadarko basin/Mid-Continent
- Appalachian
- Appalachian basin
- Aquitane
- Araban
- Ardmore
- Arkoma

Layers

Visible Areas

- Fields
- Basins
- STATES
- Countries

Refresh Map

FORM SEARCH

Oil and Gas Fields Database, with Form Search

AAPG Datapages

1444 South Boulder Avenue
Tulsa, Oklahoma 74119

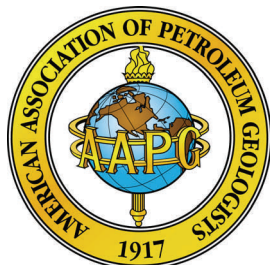
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