

Geoscience in Your State: Alabama

[illegible]<http://dx.doi.org/10.1016/j.jmb.2011.05.014>

- 47% women employees have been laid-off
- 50 million people have been laid-off
- 52 billion more dollars in production in 2017
- 70% decrease in deaths, including 14 homicide, 16 sex cases, and 11 food factors (195-201)
- 52 million US GDP per capita in 2017

- 5,3 liter die dode rivier per daai 2017

- Size labels, neat printed line type
• color inks in color of size patches 100°

• 432 species: empirical model of all species	• 14 million data: not processed in 2017
in 2017	• 12 million levels: not in production 2017
• 3752: mean: many species: empirical data	• 12 million: repeat: not in production: not in production
• 1: each: species: empirical	in 2017

30 min glazirung bei 180°C im Ofen	7 min bei 180°C im Ofen (Menge: 100 g)
15 min glazirung bei 180°C im Ofen	10 min bei 180°C im Ofen (Menge: 100 g)
10 min glazirung bei 180°C im Ofen	15 min bei 180°C im Ofen (Menge: 100 g)
5 min glazirung bei 180°C im Ofen	20 min bei 180°C im Ofen (Menge: 100 g)
2 min glazirung bei 180°C im Ofen	25 min bei 180°C im Ofen (Menge: 100 g)
1 min glazirung bei 180°C im Ofen	30 min bei 180°C im Ofen (Menge: 100 g)
0,5 min glazirung bei 180°C im Ofen	35 min bei 180°C im Ofen (Menge: 100 g)
0,2 min glazirung bei 180°C im Ofen	40 min bei 180°C im Ofen (Menge: 100 g)
0,1 min glazirung bei 180°C im Ofen	45 min bei 180°C im Ofen (Menge: 100 g)
0,05 min glazirung bei 180°C im Ofen	50 min bei 180°C im Ofen (Menge: 100 g)
0,02 min glazirung bei 180°C im Ofen	55 min bei 180°C im Ofen (Menge: 100 g)
0,01 min glazirung bei 180°C im Ofen	60 min bei 180°C im Ofen (Menge: 100 g)

- * 71 miliake detekcije, uključujući 11 miliake, 3
www.tam.ac.uk/71miliakete/71-317
- * 14 miliake uključujući detekciju 317-317
- * 12 miliake uključujući 317-317
- * 11 miliake uključujući 317-317
- * 10 miliake uključujući 317-317
- * 9 miliake uključujući 317-317
- * 8 miliake uključujući 317-317
- * 7 miliake uključujući 317-317

- [illegible]

Gli studi di riferimento riportano 200 punti
 Compila il questionario per la TC. Trovi schemi utili a www.NCOA.it
<http://www.ncoa.org/pagine/obiettivi> | <http://www.ncoa.org>

- 4,137 geoscience employees (excludes self-employed)¹
- 501 million gallons/day: total groundwater withdrawal³

- \$1.31 billion: value of nonfuel mineral production in 2017⁴
- 79 total disaster declarations, including 16 hurricane, 36 severe storm, and 10 flood disasters (1953-2017)⁶
- \$2.49 million: NSF GEO grants awarded in 2017...

Read more in this Geoscience in Your State Factsheet...

Agencies Working on Geoscience Issues in Alabama

Alabama Department of Economic and Community Affairs: Energy Division

<https://adeca.alabama.gov/Divisions/energy/Pages/default.aspx>

The overall mission of ADECA's Energy Division, as the State Energy Office, is to increase energy efficiency, reduce energy consumption, promote energy-efficiency and renewable-energy technologies, make energy efficiency more affordable for low-income residents, and to aid low-income households, especially those with vulnerable populations such as elderly, disabled and young children, with the increasing costs of home energy.

Alabama Department of Economic and Community Affairs: Office of Water Resources

<https://adeca.alabama.gov/Divisions/owr/Pages/default.aspx>

ADECA's Office of Water Resources administers programs for river basin management, river assessment, water supply assistance, water conservation, flood mapping, the National Flood Insurance Program and water resources development. Further, OWR serves as the state liaison with federal agencies on major water resources related projects and conducts any special studies on instream flow needs as well as administering environmental education and outreach programs to increase awareness of Alabama's water resources.

Alabama Department of Environmental Management

<https://www.adem.alabama.gov/default.cnt>

The mission at ADEM is to assure for all citizens of the State a safe, healthful, and productive environment. ADEM administers all major federal environmental laws, including the Clean Air, Clean Water and Safe Drinking Water acts and federal solid and hazardous waste laws.

Alabama Emergency Management Agency

<https://ema.alabama.gov/>

The Alabama Emergency Management Agency (the "Alabama EMA") is responsible by statute and several specific Governors' executive orders for coordinating the emergency activities of all state departments and agencies with local governments, private agencies, organizations, federal agencies and other state governments for both peacetime emergency and disaster situations, and situations resulting from war-caused actions. These activities include hazard mitigation, preparedness, response and recovery operations.

Alabama Forestry Commission

<http://www.forestry.alabama.gov/>

The mission of the Alabama Forestry Commission is three-fold: to Protect the Forests from all harmful agents; to Service and Help Landowners to carry out responsible forest management on their property, using professional technical assistance so as to benefit themselves, their land and society; and to Educate the General Public about the value of our forests in insuring both a healthy economy and environment. We do this in the most efficient and cost effective way possible.

Alabama Surface Mining Commission

<http://www.surface-mining.state.al.us/>

The Alabama Surface Mining Commission is the primary regulatory authority for surface and underground coal mining operations for the State of Alabama under the Federal Surface Mining Control and Reclamation Act of 1977.

Geological Survey of Alabama

<https://www.gsa.state.al.us/>

The Geological Survey of Alabama, established in 1848, provides service and information to Alabama and its citizens as a natural resource data gathering and research agency. As part of its mission, GSA explores and evaluates the mineral, water, energy, biological, and other natural resources of the State of Alabama and conducts basic and applied research in these fields.

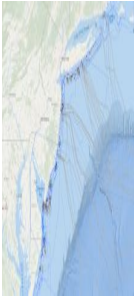
State Oil and Gas Board of Alabama

<https://www.gsa.state.al.us/ogb/ogb.html>

The State Oil and Gas Board of Alabama is a regulatory agency of the State of Alabama with the statutory charge of preventing waste and promoting the conservation of oil and gas while ensuring the protection of both the environment and the correlative

rights of owners.

Maps & Visualizations

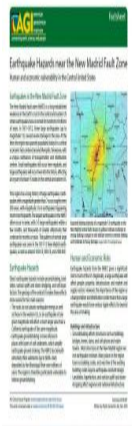


Interactive map of offshore sand and gravel resources of the United States
Bureau of Ocean Energy Management

The Bureau of Ocean Energy Management's Marine Minerals Information System (MMIS) provides an interactive map with information on offshore sand and gravel resources for 18 states on the Atlantic and Gulf coasts of the United States. The system includes: Sand and gravel resources Marine...

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Case Studies & Factsheets



Earthquake Hazards near the New Madrid Fault Zone

Earthquakes in the New Madrid Fault Zone The New Madrid fault zone (NMFZ) is a long-established weakness in the Earth's crust in the central and eastern US where earthquakes have occurred for hundreds of millions of years. In 1811-1812, three large earthquakes (up to magnitude 7.5) caused severe...

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Webinars & Forums



2014 Critical Issues Forum: America's Increasing Reliance on Natural Gas: Benefits and Risks of a Methane Economy

The 2014 Critical Issues Forum, entitled "America's Increasing Reliance on Natural Gas: Benefits and Risks of a Methane Economy", examined the 5- to 30-year outlook for the development of a natural gas-dominant energy sector in North America and discussed the associated benefits and risks.

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