

Tulane Environmental Law Clinic
Community Engagement Program: ERLI Update
Louisiana Resident Resources:

Pollution and Atmospheric Data:

- **Air Toxics Ambient Air Standard (AAS) 2007 Review:** Provides the list of Federal resources used by the LDEQ to justify changes made to the Toxic Air Pollutant Ambient Air Standards.
 - <https://deq.louisiana.gov/assets/docs/Air/TAPchangeswithreasonsforchange.pdf>
- **Atmospheric Composition Analysis Group PM2.5 Data:** Provides annual datasets of ground-level fine particulate matter (PM2.5) mass concentrations for North America, China, Europe, and other regions.
 - http://fizz.phys.dal.ca/~atmos/martin/?page_id=140
- **Emissions Inventory:** Provides Emissions Reporting and Inventory Center (ERIC) reports data for criteria and toxic emissions based on both facilities and pollutants. This data set uses certified inventory data from each facility and compiles it into quarterly reports.
 - <https://www.deq.louisiana.gov/page/eric-public-reports>
 - **Limitations of the Actual and Permitted Emissions Reports:** Provides essential information for users interested in using ERIC.
 - https://deq.louisiana.gov/assets/docs/Air/EmissionsInventory/Public_Reports/LimitationswiththeEmissionsReports_03102021.pdf
- **EPA Inventory and Projection Tool:** Provides a helpful, interactive spreadsheet model to assist state legislators in developing greenhouse gas (GHG) inventories. The spreadsheet model includes information such as data and emission factors that can potentially shorten the time spent on developing an inventory.
 - <https://www.epa.gov/statelocalenergy/state-inventory-and-projection-tool>
- **LDEQ Ambient Air Monitoring Data and Reports:** Provides links to real time data, searchable data for specific dates, excel files containing historical data, and Louisiana Annual Monitoring Network Plans.
 - <https://deq.louisiana.gov/page/ambient-air-monitoring-data-reports>
- **PERI (Political Economy Research Institute) Air Toxics at School:** Provides national air toxics data surrounding K-12 and higher schools. The user can select a school of interest and is provided with information such as top five surrounding polluting facilities, air toxics rankings and percentiles, and top five surrounding pollutants.
 - <https://www.peri.umass.edu/air-toxics-at-school>
- **Sanitary Surveys for Recreational Waters:** Provides EPA data collected at the edge of recreational waterbodies and the surrounding watersheds such as weather conditions,

number of birds, dogs, and people, amount of algae, land use, location of stormwater outfalls, and surface water quality.

- <https://www.epa.gov/beach-tech/sanitary-surveys-recreational-waters#marine>
- **EPA Sanitary Survey App for marine and fresh waters:** A mobile app in which the user can access the above sanitary surveys for marine and fresh waters.
 - <https://www.epa.gov/beach-tech/sanitary-surveys-recreational-waters#epa>
- **Wind Data:**
 - **LDEQ Air Monitoring:** Provides user with daily air quality index data from LDEQ monitoring sites stationed throughout Louisiana or annual ambient air datasets and reports; this includes information such as wind data and pollutant concentrations.
 - <https://www.deq.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=ambient-air-monitoring-data-reports>
 - **National Oceanic and Atmospheric Administration (NOAA) Data Access:** Provides user with National Centers for Environmental Information (NCEI) weather and climate data such as land-based, marine, radar, and satellite datasets.
 - <https://www.ncdc.noaa.gov/data-access>
 - **Windfinder:** Provides the user with global real time wind data such as forecasts, wind speed, live weather, and wind maps.
 - https://www.windfinder.com/?utm_source=windfinder.com&utm_medium=web&utm_campaign=redirect#3/39.5040/-98.4375

Health Risk and Social Vulnerability Data:

- **Center for Disease Control Cancer (CDC) Data and Statistics:** Provides the user with national cancer statistics and data visualization tools from United States Cancer Statistics (USCS). These sources provide information such as new cancer cases, cancer deaths, survival, sex, age, race, ethnicity, and state/county.
 - <https://www.cdc.gov/cancer/dcpc/data/index.htm>
- **EASIUR Online Tool:** The EASIUR (Estimating Air pollution Social Impact Using Regression) online tool acts a model to estimate the public health cost (social cost) of pollution emissions in the United States.
 - <https://barney.ce.cmu.edu/~jinhyok/easiur/online/>
- **EJ Screen:** A tool for screening and environmental justice mapping that provides updated demographic, health, and environmental information from the National Air Toxics Assessment (NATA), a growing review of air toxics in the United States developed by the Environmental Protection Agency (EPA).
 - <https://ejscreen.epa.gov/mapper/>

- **EPA Guidance on Proper Sampling Protocols:** Provides guidance on how to choose a sampling design for environmental data collection that can be used in a research study's Quality Assurance Project Plan (QAPP).
 - <https://www.epa.gov/sites/production/files/2015-06/documents/g5s-final.pdf>

- **EPA's State Planning Electronic Collaboration System (SPECS) tools:** Provide information about nonattainment and maintenance areas for the National Ambient Air Quality Standards (NAQQS).
 - **Nonattainment and Maintenance Population Tool:** Displays the number of people living in designated nonattainment and maintenance areas for current and revoked NAAQS, based on 2019 population. It also displays the individual counties in nonattainment and maintenance areas on an interactive map.
 - <https://epa.maps.arcgis.com/apps/MapSeries/index.html?appid=7935a00e2554440a8daf6cc035b9455e>
 - **Nonattainment and Maintenance Area Dashboard:** Provides information about nonattainment and maintenance areas for current and revoked NAAQS. Information in the dashboard can be filtered by state, NAAQS, area name, area status, area classification, and other fields. When viewing information about a specific area, the history of EPA actions on the area is displayed at the bottom of the page.
 - https://edap.epa.gov/public/extensions/S4S_Public_Dashboard_1/S4S_Public_Dashboard_1.html
 - **Required State Implementation Plan (SIP) Elements Dashboard:** Provides details about individual states' Clean Air Act and regulatory planning requirements associated with implementing, attaining, and maintaining the NAAQS through SIPs. Information in the dashboard can be filtered by state, plan category, NAAQS, area, and specific SIP element.
 - https://edap.epa.gov/public/extensions/S4S_Public_Dashboard_2/S4S_Public_Dashboard_2.html

- **Louisiana Tumor Registry (LTR):** Published by the LTR each year, this provides statewide reports on cancer rates by parish and census tracts, based on the most recent 5 or 10 years of data. These reports do not measure pollution exposure, so by themselves, they do not provide information about the relationship between pollution exposure and cancer risk.
 - <https://sph.lsuhscc.edu/louisiana-tumor-registry/data-usestatistics/monographs-publications/>

- **National Cancer Institute SEER Program Cancer Statistics:** Provides user with annual reports on cancer statistics, rates, and trends. Here, the user can also find interactive tools, maps, and graphs such as SEER Explorer in which provides information on cancer incidence, survival, U.S. mortality and U.S. lifetime risks statistics.

- <https://seer.cancer.gov/statistics/>
- **Richmond University Social Vulnerability and Redlining Map:** Shows juxtapositioned Home Owners' Loan Corporation (HOLC) maps along with area descriptions to demonstrate the history of *redlining*: "the practice of denying fair access to credit, particularly mortgages, based on the race of the residents of a neighborhood." These HOLC maps are combined with the Center for Disease Control's Social Vulnerability Index (SVI) scores for census tracts today that assess a community's ability to prepare for, respond to, and recover from natural and human disasters.
 - <https://dsl.richmond.edu/socialvulnerability/>
- **RSEI (Risk-Screening Environmental Indicators) Model:** A model providing data and information about toxic substance emissions from industrial facilities. Data from the EPA Toxic Release Inventory (TRI) is used in combination with information such as potential human exposure and a chemical's relative toxicity to provide RSEI scores. These scores can be used for analyzing industrial pollution impacts on communities when combined with other demographic data.
 - **EasyRSEI:** Provides user with a dashboard of EPA RSEI model results through maps, tables, and charts. Data can be organized by geographic location, facilities, years, and types of chemicals and can be exported from the database.
 - <https://edap.epa.gov/public/extensions/EasyRSEI/EasyRSEI.html>
 - **RSEI Microdata:** Provides the user with a smaller and more manageable data set containing values for each release and each potentially impacted geographic grid cell. This allows for the user to sum up potential impacts over the affected grid cells, allowing for a more realistic picture of the affects a small geographic area may be facing from TRI releases. These potential impacts presented in the grid cells can also be traced back to the facilities that released the corresponding chemicals.
 - <https://www.epa.gov/rsei/rsei-geographic-microdata-rsei-gm>
- **Violation Tracker:** A tool used to keep track of all governmental violations committed by companies and corporations throughout the United States. Search criteria includes parent companies, type of offense, federal agencies, state, etc.
 - <https://www.goodjobsfirst.org/violation-tracker>

ITEP Data and Industry News: These sites can provide early notification of proposed industrial projects.

- **Chemistry and Engineering News:** Through a subscription, the user has access to chemistry and engineering news articles published on the site. This includes articles for users seeking information about topics such as business, education, environment, policy, etc.
 - <https://cen.acs.org/index.html>

- **Hydrocarbon Engineering:** Provides free access to the most recent articles related to elements of the hydrocarbon industry such as refining, gas processing, petrochemicals, clean fuels, and the environment.
 - <https://www.hydrocarbonengineering.com/>
- **Louisiana Economic Development (LED) Advance Notification and ITEP:** Provides Louisiana Economic Development Industrial Tax Exemption Projects reports that compile application information such as estimated jobs created and total investments by each company dating back to 1996.
 - <https://fastlaneng.louisianaeconomicdevelopment.com/public/reports>
- **Louisiana Economic Development (LED) News Release:** Provides the most up to date news from the Louisiana Economic Department on major Louisiana business startups, expansions, investments, and economic news.
 - <https://www.opportunitylouisiana.com/led-news/news-releases>
- **Manufacturing.net:** Provides recent news articles related to aerospace, automotive, and energy industries and manufacturing.
 - <https://www.manufacturing.net/>
- **1012 Industry Report:** A source for up-to-date news articles about Louisiana’s oil and gas and petrochemical industries such as expansions, startups, investments, projects, and major financial news.
 - <https://www.1012industryreport.com/>

Public Notices and Permit Documents:

Public notices are drafts of proposed project permits in which the public is provided information about potential emissions and comment deadlines. After public notices are released, there is a time period (around 30 days or less in some cases) known as the “*public comment period*” in which the public can submit comments on the proposed permits. As only major source facilities are included in these notices, minor source facilities do not have public comment periods. Despite the limited public comment period after a *notice* is released, the public is allowed to submit comments at any time after a *permit application* is submitted.

- **Amy Corps of Engineers RSS Feeds:** Provides automatic updates about U.S. Army Corps news through RSS feeds. These various feeds can be subscribed to through Outlook or Gmail and with an RSS reader, the user will be updated with the latest USACE news without having to manually check the USACE website. Some examples of feeds that can be subscribed to are “environmental”, “permitting”, and “public comment.”
 - <https://www.usace.army.mil/Contact/RSS/>
- **Federal Register:** Acts as a tool used for searching the Federal Register Database for public inspection documents, notices, rules, and proposed rules from government agencies such as the Federal Energy Regulatory Commission.

- <https://www.federalregister.gov/documents/search>
- **LDEQ EDMS:** The Louisiana Department of Environmental Quality's (LDEQ) database for all documentation submitted on behalf of companies with permitted facilities in Louisiana. Information such as air and water permits and applications, incident reports, and green card documentation can be found along with corresponding dates, addresses, and activity numbers for each facility.
 - <https://edms.deq.louisiana.gov/app/doc/querydef.aspx>
- **LDEQ Permit Application Database:** Provides a searchable, daily updated database for all permit applications received by the LDEQ. The user can specify their search criteria for applications date or program (air, water, solid waste, etc) and export the data via Excel spreadsheets.
 - <https://www.deq.louisiana.gov/resources/category/permit-applications-received>
 - **LDEQ Check Permit Status tool:** Allows the user to view or search for the status of statewide permit applications. The user can filter their search by AI #, company name, parish, and media type and export the provided records via Excel spreadsheet.
 - <https://internet.deq.louisiana.gov/portal/ONLINESERVICES/CHECK-PERMIT-STATUS>
- **LDEQ Public Notice Database:** A database providing all LDEQ public notices (drafts, i.e. proposed permits) and a filter in which the user can search for specific notices by keywords and/or dates.
 - <https://deq.louisiana.gov/public-notices>
 - **Public Notice Alerts:** To sign up to have these notices automatically emailed to you, visit <https://internet.deq.louisiana.gov/portal/SUBSCRIBES/PUBLIC-NOTIFICATION> or contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deq.publicnotices@la.gov , or by contacting the LDEQ Customer Service Center at (225)-219-5337.
- **Louisiana Department of Natural Resources (DNR)**
 - **Coastal Use Permits:** Provides user access to all Coastal Use Permits applied for in Louisiana. Information such as company names, project plans, locations, and construction dates can be found in these permits.
 - <http://www.dnr.louisiana.gov/index.cfm/page/591>
 - **Coastal Use Permit Search:** Database used to search for specific coastal use permits.
 - <http://reports.dnr.state.la.us/sonris/cmdPermit.jsp?sid=PROD>
- **Louisiana Press Association Public Notices Portal:** A source for compiled Louisiana public notices. User can specify parishes of interest, along with words or phrases they

wish to filter the notices by and can sign up to receive automatic updates on new notices that fit their preferences.

- <http://www.publicnoticeads.com/LA/search/searchnotices.asp>

- **Parish Permitting:**

- Permitting requirements vary by parish. Contact your local Parish Council Member or reach out to us (ERLI_Update@tulane.edu) for help determining what permit(s), if any, are needed for the activity in question.

- **USACE:** The US Army Corps of Engineers' website for permits applied for by companies in the New Orleans District. Public notices can be found in website or PDF format based on the year they were applied for, and automatic notifications can be set up through RSS feeds if user would like e-mail updates.

- <https://www.mvn.usace.army.mil/Missions/Regulatory/Public-Notices/>