Foundations of Public Health: Environmental Health Library Session Handout

Library Books Related to Environmental Health
General environmental health is in call numbers RA 565 through RA 600. Specific topics are in call numbers RA 421 through RA 1270.

WUSTL Library Books to Consider (more available in the Catalog)


[http://catalog.wustl.edu/record=b6648042~S2](http://catalog.wustl.edu/record=b6648042~S2)

[http://catalog.wustl.edu/record=b5357644~S2](http://catalog.wustl.edu/record=b5357644~S2)

[http://catalog.wustl.edu/record=b5204778~S2](http://catalog.wustl.edu/record=b5204778~S2)

[http://catalog.wustl.edu/record=b6628683~S2](http://catalog.wustl.edu/record=b6628683~S2)

[http://catalog.wustl.edu/record=b4820787~S2](http://catalog.wustl.edu/record=b4820787~S2)

[http://catalog.wustl.edu/record=b6367707~S2](http://catalog.wustl.edu/record=b6367707~S2)

[http://catalog.wustl.edu/record=b4848417~S2](http://catalog.wustl.edu/record=b4848417~S2)

**Additional Free E-Books with High Quality Information**

**CDC Stacks**
Centers for Disease Control and Prevention. Free full-text scientific research.  
In the Advanced Search, for the bottom box, you can choose Language field and select English. Use quotation marks to search for a phrase.  
[https://stacks.cdc.gov/welcome](https://stacks.cdc.gov/welcome)

**National Academies Press**
"...provide expert advice on some of the most pressing challenges facing the nation... Our work helps shape sound policies, inform public opinion, and advance the pursuit of science, engineering, and medicine... we have earned a solid reputation as the nation's premier source of independent, expert advice on scientific, engineering, and medical issues." Environmental health category.  

**National Technical Reports Library**
There is a subject category for Environmental Health & Safety. WUSTL has many of the paper reports, but you can limit to full-text. The Advanced search allows basic Boolean searching.  
[https://ntrl.ntis.gov/NTRL/](https://ntrl.ntis.gov/NTRL/)
<table>
<thead>
<tr>
<th>Selected Terms Related to Environmental Health or Occupational Health</th>
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<tr>
<td>air pollutants</td>
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<td>air pollutants, occupational</td>
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<td>air pollution</td>
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<td>biohazard</td>
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<td>carcinogens</td>
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<td>chemical hazard</td>
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<td>communicable disease control</td>
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<td>disease vectors</td>
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<td>disorders of environmental origin</td>
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<td>environmental disease</td>
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<td>environmental exposure</td>
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<td>environmental hazard</td>
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<td>environmental health</td>
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<td>environmental health &amp; safety</td>
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<td>environmental illness</td>
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<td>environmental medicine</td>
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<td>environmentally induced disease</td>
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<td>factory accident</td>
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<td>factory injuries</td>
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<td>factory safety</td>
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<td>factory sanitation</td>
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<td>food contamination</td>
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<td>food poisoning</td>
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<td>hazardous substances</td>
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<td>hazardous waste</td>
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<td>health physics</td>
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<td>housing and health</td>
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<td>indoor air pollutants</td>
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<tr>
<td>indoor air pollution</td>
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<tr>
<td>industrial accident</td>
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<td>industrial health</td>
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Selected Websites Related to Policy

American Industrial Hygiene Association (AIHA)
Position statements.
https://www.aiha.org/government-affairs/Pages/Position-Statements-and-Resources.aspx

American Public Health Association (APHA)
Policy Statements Section. Search the policy statement database.
https://apha.org/policies-and-advocacy/public-health-policy-statements

Centers for Disease Control and Prevention (CDC)
More Topics.
   Environmental health → National Center for Environmental Health (NCEH).
   Workplace safety → NIOSH → A-Z index or topics (below).
www.cdc.gov
Agency for Toxic Substances and Disease Registry (ATSDR)
https://www.atsdr.cdc.gov/

CQ Researcher Database
Overviews of topics as a policy starting point.

Environmental Health & Toxicology
   National Library of Medicine, National Institutes of Health. Topics include data and policy.
   https://sis.nlm.nih.gov/enviro/

Environmental Protection Agency (EPA)
Tabs for Environmental topics (includes an A-Z list), Laws & regulations, or use the Advanced search box.
https://www.epa.gov/home/advanced-search

Food and Drug Administration (FDA)
Use the A-Z index, the category tabs, or the search box.
https://www.fda.gov/default.htm

Government Accountability Office (GAO)
Evaluates federal programs for effectiveness and efficiency.
https://www.gao.gov/

Healthy People 2020
   Environmental health section.
https://www.healthypeople.gov/2020/topics-objectives/topic/environmental-health

IssueLab
   Use the Issues area tab or the search box. The Language filter is on the left and the Apply button is below the filters.
https://www.issuelab.org/

National Association of County & City Health Officials
Policy Statements section, scroll down to Environmental Health.
https://www.naccho.org/advocacy/activities

National Conference of State Legislatures (NCSL)
Environmental Health Legislation Database. To search the database, scroll down to the bottom. Also topic and keyword search available.

National Institute of Environmental Health Sciences
https://www.niehs.nih.gov/index.cfm

Occupational Safety and Health Administration (OSHA)
Use the A-Z index, tabs for Regulations or Topics, or the search box.
www.osha.gov

PAIS Index Database
Chronicles "...the world’s public affairs, public and social policies, international relations, and world politics.”

PolicyArchive
Choose Topics or use the search box.
http://www.policyarchive.org/

Rand Corporation
Use the Research tab or the search box.
https://www.rand.org/

USA.gov
Portal to federal government information.
https://www.usa.gov/

World Health Organization (WHO)
Use the Health Topics tab or the search box. The Advanced search allows phrase searching and basic Boolean searching.
Also consider searching the Publications: http://www.who.int/publications/en/
WHO guidelines on environmental health:
http://www.who.int/publications/guidelines/environmental_health/en/
www.who.org

Worldwide Political Science Abstracts Database
50% is United States. "...political science and international relations, along with complementary fields, including international law and public administration/policy..."
Social Policy Tab
Many more policy oriented resources.
https://libguides.wustl.edu/social-work/socialpolicypage

Legislation and Regulations Websites

Code of Federal Regulations
Keyword search.
https://www.ecfr.gov/cgi-bin/ECFR?page=browse
PDF images
https://www.govinfo.gov/app/collection/CFR
Hein Online and Nexis Uni below also have it.

Congress.gov
Free to everyone. Has federal legislation, US code.
https://www.congress.gov/

Hein Online

Index to Legal Periodicals Database
http://libguides.law.wustl.edu/az.php?q=index%20to%20legal%20periodicals%20and%20books

Nexis Uni

ProQuest Congressional
Has federal statutes, CRS Reports, Hearings statements.

Additional Resources

Brown School Library, Public Health Research Guide
Scroll down to the Environmental Health box.
https://libguides.wustl.edu/publichealth

Partners in Information Access for the Public Health Workforce
Environmental health section of resources.
https://phpartners.org/environmentalhealth.html

Science.gov
https://www.science.gov/
Search Example 1

PubMed Search – Free to the world. Focus is on health.

Advantages of using MeSH
- Automatically pulls up related terms filed underneath the main term (saves you typing).
- Groups similar articles under the same MeSH term so you don’t have to worry about synonyms.

Disadvantage
- Most recent 6 months may not show up while the articles are waiting to be assigned MeSH terms.
- Use the Advanced search mode to search Title/Abstract for the most recent 6 months of citations.

While at WUSTL, use the library website to access PubMed. Then, you will have the green Get It buttons for full-text.

What is the relationship between traffic-related air pollution and respiratory health outcomes in children?

Traffic terms: traffic, car, cars, autos, automobiles, vehicles, diesel engines, etc.

Air pollution terms: air pollution, smog

Respiratory health terms: respiratory health, respiratory wellness

Children terms: none because PubMed has a filter for limiting to children

MeSH database:
Traffic terms: no traffic -> use Motor Vehicles. No diesel engines. Try diesel which leads to Vehicle Emissions.


Respiratory health terms: no respiratory health or wellness. Try respiratory diseases -> Respiration Disorders -> Respiratory Tract Diseases

- Use the Advanced Search mode to combine the search sets.
- Use Show Additional Filters to display the Languages and Ages filters.
- Limit to Children: birth to 18 and Limit to English.
When you mark citations and send them to the clipboard, your set of marked items will show up as set zero in the Advanced Search mode.

- Recent Activity provides a link so that you can share the search with others.

**Search Example 2**
PubMed Search.

**What are the current policies that address traffic-related pollution in communities?**

Traffic terms: already in the Advanced Search mode.

Air Pollution terms: already in the Advanced Search mode.

Policy terms: policy, policies, regulations, etc.

MeSH terms: **Remove all of the Limiting filters by clearing them!**

Policy -> Policy which also pulls up Fiscal Policy, Smoke-Free Policy, Social Control Policies, Organizational Policy, Public Policy. Also in the result list for Policy, choose Environmental Policy. Also in the result list for Policy, choose Policy Making. Also in the result list for Policy is Health Policy. Also in the result list for Policy is United States Agency for Healthcare Research and Quality. Next try regulations -> Government Regulation.

Use the Advanced Search mode to combine the search sets.

Choose the filter for English. Consider a limit for publication years.

- PubMed doesn’t have many science or social policy journals. It is best to run the Policy search in another database.

**Search Example 3**
**What are the current policies that address traffic-related pollution in communities?**

- Use Academic Search Complete to get into the Ebsco group of databases.
- Choose Databases. (link above the search boxes, top, left)

traffic OR "car" OR "cars" OR "autos" OR automobile* OR "vehicle" OR "vehicles" OR "vehicular" OR "truck" OR "trucks" OR "trucking" OR "bus" OR "buses" OR motorcycle* OR "semi-trailer*" OR "van" OR "vans" OR "diesel exhaust" OR "diesel engine exhaust" OR "gasoline exhaust" OR "gasoline engine exhaust" OR "diesel emissions" OR "diesel engine emissions" OR "gasoline emissions" OR "gasoline engine emissions"

"air pollution" OR "airborne pollution" OR "air pollutants" OR "airborne pollutants" OR "air particulates" OR "airborne particulates" OR "volatile organic" OR "air quality" OR "particulate matter" OR "air environmental pollutants" OR "smog"

policy* OR policies OR strategies OR recommendations OR ordinance* OR regulation* OR "regs" OR statute* OR "law" OR "laws" OR legislation OR legislative OR guideline* OR initiative* OR intervention* OR standards OR decision* OR mandate* OR mandatory OR "best practice*" OR regulatory OR "city council*" OR "county council*" OR congress* OR legislature* OR government* OR "executive branch" OR "executive agency" OR "executive agencies" OR "executive department*" OR mayor OR mayors OR mayoral* OR rules OR rulemak* OR program* (only in the title field).

pollution OR pollutant* OR particulate* OR smog OR quality OR volatile  (only in the title field).