**RESOURCES FOR DISCUSSING SHALE GAS AND OIL DRILLING**

RECOMMENDED BY THE HYDRAULIC FRACTURING TASK FORCE

OF THE UPPER SUSQUEHANNA SYNOD OF THE

EVANGELICAL LUTHERAN CHURCH OF AMERICA

To the 2014 Synod Assembly

There is a maze of websites about hydraulic fracturing and the issues surrounding it. While the task force has worked to provide helpful and multifaceted information, we recognize that not every resource listed here is unbiased. The websites listed below are some that the task force feels can be helpful for individuals and congregations to understand horizontal hydraulic fracturing for natural gas and oil. As new information is presented, websites update or change. Scientific studies in the area of hydraulic fracturing are young. The Environmental Protection Agency’s study of hydraulic fracturing for oil and gas and its potential impact on drinking water resources is due later this year (<http://www2.epa.gov/hfstudy>). University resources such as Penn State, Duke, and West Virginia can also be helpful as sources for additional information. We encourage each individual and entity utilizing this listing to be mindful of any inherent bias they may discern as these resources are researched and utilized.

**GENERAL INFORMATION**

**\*Highly recommended by task force:** “Shallionaires,” 60 Minutes, CBS News (Overview of shale gas drilling pros and cons). (13 minutes) Available on Youtube: <http://www.youtube.com/watch?v=Vr6b-WzIcyo>

Wikipedia articles:

<http://en.wikipedia.org/wiki/Hydraulic_fracturing>

<http://en.wikipedia.org/wiki/Marcellus_Formation>

Fractracker (exploring data, sharing perspectives, and mapping impacts of the oil and gas industry): <http://www.fractracker.org/>

“Marcellus Shale: A Citizen’s View,” Citizens Marcellus Shale Commission, October 2011, Print. <http://pennbpc.org/sites/pennbpc.org/files/CMSC-Final-Report.pdf>

The Institute for Public Policy and Economic Development: <http://www.institutepa.org/MarcellusShale.html>

“Extracting the Facts: An Investor Guide to Disclosing Risks from Hydraulic Fracturing Operations,” Interfaith Center on Corporate Responsibility, Investor Environmental Health Network, Richard Liroff, principal author; Print. <http://iehn.org/documents/frackguidance.pdf>

Department of Environmental Protection:

General: <http://www.depweb.state.pa.us/portal/server.pt/community/oil_and_gas/6003>

Any laws having to do with the industry: [www.depweb.state.pa.us](http://www.depweb.state.pa.us/)

Citizen’s Guide to Marcellus Drilling in Pennsylvania (Prepared by the National Sea Grant Law Center and the Pennsylvania Sea Grant): <https://docs.google.com/a/ltsp.edu/viewer?a=v&q=cache:k-aiTA1G-AcJ:www.mde.state.md.us/programs/Land/mining/marcellus/Documents/marcellus_citizens_guide.pdf+animations+of+fracturing+of+marcellus+shale+in+pa&hl=en&gl=us&pid=bl&srcid=ADGEEShgtnUBnUN4W6Ly61fT6QOBxviwTtoLrXiOunYbGiUV5m5YP7nQ5XPT3-PgzcuVORAntrO7hL5TVlvEprQHgoD2gnTMepFEyqSZP1iep5IgeLGJTfKXfbZ7nfcueGnEYrBJV3JF&sig=AHIEtbSxux9E9Sc0U5jAVccft1h-DjQs_g>

*New Solutions: A Journal of Environmental and Occupational Health Policy*, Volume 23, No. 1 (2013): Scientific, Economic, Social, Environmental, and Health Policy Concerns Related to Shale Gas Extraction: <http://www.newsolutionsjournal.com/index.php/newsolutionsournal/issue/view/19>

“Marcellus Shale Development and the Susquehanna River: An Exploratory Analysis of Cross-Sector Attitudes on Natural Gas Hydraulic Fracturing,” Mark A. Heuer and Zui Chih Lee, *Organization and Environment*, January 23, 2014; <http://oae.sagepub.com/content/early/2014/01/22/1086026613520510>

**Glossary of Terms:** <http://www.newsworks.org/index.php/local//healthscience/6068-the-shale-game-natural-gas-glossary>

**Current news:** <http://stateimpact.npr.org/pennsylvania/tag/fracking/>

<http://www.portal.state.pa.us/portal/server.pt/community/marcellus_shale/20296>

**CHURCHWIDE, BIBLICAL, THEOLOGICAL AND INTERFAITH RESOURCES**

ELCA (includes different perspectives): <http://blogs.elca.org/advocacy/care-for-creation/pennsylvania-lutherans-talk-about-fracking-23>

Lutheran Advocacy Ministry of Pennsylvania (LAMPa): <http://lutheranadvocacypa.org/marcellus-shale-resources/>

Pennsylvania Council of Churches Resolution on Marcellus Shale Natural Gas Extraction: Moratorium on New Well Development:<http://www.pachurchesadvocacy.org/index_files/web_attachments/Marcellus%20Shale%20Moratorium%20Resolution%202012.pdf>

Interfaith Power and Light: <http://www.interfaithpowerandlight.org/public-policy/>

Pennsylvania Interfaith Power and Light: <http://www.paipl.us/2012/09/17/shale-drilling/>

Video on interfaith perspectives (10 minutes): “On Faith and Fracking” <http://www.onfaithandfracking.com/>

**ECONOMICS AND JOBS**

Industry focused but general info on multiple topics: <http://themarcellusshale.com>

Pennsylvania Independent Oil and Gas Association (industry-sponsored with multiple areas of coverage): [www.pioga.org/education/pa-oil-and-gas/](http://www.pioga.org/education/pa-oil-and-gas/)

Marcellus Coalition (industry-sponsored): <http://marcelluscoalition.org/>

Energy In Depth (industry-sponsored): <http://energyindepth.org/>

Shale Training and Education Center: [www.shaletec.org](http://www.shaletec.org/)

Job postings: <http://www.indeed.com/q-Marcellus-Shale-l-Pennsylvania-jobs.html>

Pennsylvania Department of Community and Economic Development (Articles that encourage the future of lower energy costs, jobs, community enhancements, and business opportunities in Pennsylvania.): <http://www.newpa.com/>

**ENVIRONMENTAL IMPACTS**

Wikipedia on environmental impacts:<http://en.wikipedia.org/wiki/Environmental_impact_of_hydraulic_fracturing>

Penn Environment: <http://www.pennenvironment.org/programs/pae/keep-pennsylvania-safe-drilling>

Sierra Club: <http://content.sierraclub.org/naturalgas/>

<http://pennsylvania.sierraclub.org/PA_Chapter_2008/Conservation/Energy/MarcellusDrillingResourcePage.htm>

Protecting Our Waters: <http://protectingourwaters.wordpress.com/>

Shale Justice Coalition: <http://shalejustice.org/>

Duke University: <http://sites.nicholas.duke.edu/avnervengosh/duke-study-on-shale-gas-and-fracking/>

**GOVERNMENT**

Tracking contributions from natural gas companies to elected officials (a project of Common Cause and the Conservation Voters of Pennsylvania): <http://www.marcellusmoney.org/>

<http://www.commoncause.org/atf/cf/%7Bfb3c17e2-cdd1-4df6-92be-bd4429893665%7D/DEEP%20DRILLING%20DEEP%20POCKETS%20NOV%202011.PDF>

**LANDOWNER RESOURCES:**

*(Landowners are urged to contact a knowledgeable lawyer in addition to utilizing these resources.)*

“A Landowner’s Guide to Leasing Land in Pennsylvania”: <http://pubs.cas.psu.edu/FreePubs/pdfs/ua448.pdf>

“Natural Gas Pipeline Right-of-Ways: Understanding Landowner Rights and Options”: <http://extension.psu.edu/naturalgas/news/2010/04/pipelineinfo>

**PUBLIC HEALTH AND SAFETY**

Guthrie Health and Geisinger collaboration on Marcellus Shale research effort: <http://www.guthrie.org/press-releases/guthrie-health-and-geisinger-collaborate-marcellus-shale-research-effort>

Bamberger, Michelle, Oswald, Robert E., “Impacts of Gas Drilling on Human and Animal Health,” *New Solutions*, Vol. 22 (1) 51-77, 2012. <http://www.psehealthyenergy.org/data/Bamberger_Oswald_NS22_in_press.pdf>

“Potential Health Impacts of Natural Gas Extraction Using High Volume, Slickwater Hydraulic Fracturing from Long Laterals,” Jerome A. Paulson, MD, FAAP, Associate Professor of Pediatrics and Public Health, George Washington University, Medical Director for National and Global Affairs, child Health Advocacy Institute and Director, Mid-Atlantic Center for Children’s Health and the Environment, Children’s National Medical Center. <http://www.childrensnational.org/files/PDF/MACCHE/PAAAP-Secure.pdf>

List of approximately 28 researched and peer-reviewed studies: <http://nodrilling.wordpress.com/fracking/fracking-research-peer-reviewed-published-studies-independent-expert-opinions/>

Issues faced by gas workers: <http://www.avvo.com/legal-guides/ugc/issues-faced-by-injured-marcellus-shale-gas-workers>

“List of the Harmed”: <http://www.damascuscitizensforsustainability.org/2012/05/list-of-the-harmed/>