

## LISA SUMI

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### EDUCATION AND TRAINING

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*Managing Environmental and Social Concerns in Mining* – 3-week course, Royal Roads University, Victoria, BC (June, 2000)

*Master of Science* – Physical Geography/Soil Science, University of Toronto (1997)

*Bachelor of Science* – Environmental Science/Physical Geography, U. Toronto (1995)

### WORK HISTORY

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ENERGY/EXTRACTIVE INDUSTRIES RESEARCH CONSULTANT, 2007 - present.  
The majority of recent work involves the production of research reports used internally or published by clients. Areas of expertise include: analysis of regulatory and policy measures related to energy and extractive industries (hardrock minerals, coal, tar sands, natural gas, oil); analysis and synthesis of scientific data, government records and industry or academic reports; and production of information related to environmental, social and health impacts and options for minimizing effects related to energy and extractive industries.

Recent clients include: As-You-Sow; Council of Canadians; Earthworks; ForestEthics; Initiative for Responsible Mining Assurance; Massachusetts Institute of Technology Center for Future Civic Media; MiningWatch Canada; and Natural Resources Defense Council.

RESEARCH DIRECTOR, EARTHWORKS OIL AND GAS ACCOUNTABILITY PROJECT, 2004 – 2007. (Durango, CO). Responsibilities included researching oil and gas impacts and technologies to minimize impacts; preparing technical materials on oil and gas regulations and development proposals; and providing community support on water, air and soil contamination, noise, and landowner rights.

ENERGY/EXTRACTIVE INDUSTRIES RESEARCH CONSULTANT, 2002-2004 and part-time COORDINATOR OF THE WESTERN MINING ACTION NETWORK.

RESEARCH DIRECTOR, ENVIRONMENTAL MINING COUNCIL OF BRITISH COLUMBIA. 1998 -2002 (Victoria, BC). Responsibilities included research on mining and its effects on the environment and communities; creation of policy documents and educational materials; community outreach; and technical review of mine proposals and projects.

### PUBLICATIONS AND REPORTS

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Steinzor, N., Subra, W. and Sumi, L. 2013. "Investigating Links Between Shale Gas Development and Health Impacts Through a Community Survey Project In Pennsylvania," *New Solutions: A Journal of Environmental and Occupational Health Policy*, Vol. 23(1). Available at: <http://baywood.metapress.com/link.asp?id=k243k37712348302>

Gestring, B. and Sumi, L. 2013. *Polluting the Future – how mining companies are polluting our nation's waters in perpetuity*. (Prepared for Earthworks) Available at: <http://www.earthworkSACTION.org/files/publications/Health-Report-Full-FINAL-sm.pdf>

Steinzor, N., Subra, W. and Sumi, L. 2013. *Gas Patch Roulette*. (Prepared for Earthworks). Available at: <http://www.earthworksaction.org/files/publications/Health-Report-Full-FINAL-sm.pdf>

Sumi, L. 2012. *Breaking All the Rules – the crisis in oil and gas regulatory enforcement*. (Prepared for Earthworks) Available at: <http://www.earthworksaction.org/files/publications/FINAL-US-enforcement-sm.pdf>

Sumi, L. 2012. *Report on the Shortcomings of Exxon Mobil's "Basis for Exclusion" of As You Sow's Shareholder Resolution on Hydraulic Fracturing and Related Natural Gas Development* (Prepared for As You Sow) Internal document.

Sumi, L. 2012. *Draft Standard on Free, Prior and Informed Consent*. (Prepared for the Initiative for Responsible Mining Assurance) Internal document.

Sumi, L. 2010. *Environmental Concerns and Regulatory Initiatives Related to Hydraulic Fracturing in Shale Gas Formations*. (Prepared for Council of Canadians) Available at: <http://canadians.org/energy/documents/fracking/report-fracturing-1010.pdf>

Sumi, L. 2008. *Mining and Health: A Community-centred Health Assessment Toolkit*. (Prepared for MiningWatch Canada) Available at: <http://www.miningwatch.ca/publications/mining-health-community-centred-health-assessment-toolkit>

Sumi, L. 2008. *Shale Gas: Focus on the Marcellus Shale*. (Prepared for Earthworks) Available at: <http://www.earthworksaction.org/pubs/OGAPMarcellusShaleReport-6-12-08.pdf>

Sumi, L. 2007. *Report on Air Sampling Conducted in Monroe, Conecuh and Escambia Counties, Alabama*. (Prepared for Earthworks) Available at: <http://www.earthworksaction.org/publications.cfm>

Sumi, L. 2005. *Our Drinking Water at Risk - What EPA and the oil and gas industry don't want us to know about hydraulic fracturing*. (Prepared for Earthworks) Available at: <http://www.earthworksaction.org/publications.cfm?pubID=90>

Sumi, L. 2004. *Oil and Gas at Your Door? A landowner's guide to oil and gas development*. (Prepared for Earthworks) Available at: <http://www.earthworksaction.org/publications.cfm?pubID=91>

Moodie, S., Sumi, L. and Thomsen, S. 2002. *Lesson Learned on Community Involvement in the Remediation of Abandoned Contaminated Sites*. (Prepared for the Canadian National Orphaned/Abandoned Mines Working Group).

Campbell, K., Young, A. and Sumi, L. 2001. *Undermining the Law -- Addressing the Crisis in Compliance with Environmental Mining Laws in BC* (West Coast Environmental Law/Environmental Mining Council of British Columbia) Available at <http://www.wcel.org/wcelpub/2001/13569.pdf>

Sumi, L. 2001. (Contributed chapter on environmental impacts) *Beneath the Surface – Aboriginal Law and Mining Rights in British Columbia* (Prepared for Environmental-Aboriginal Guardianship through Law and Education)