

RESOURCES FOR HEALTH IMPACT ASSESSMENT (HIA) OF ENVIRONMENTAL PROJECTS JULY, 2012

Associations

- **International Association of Impact Assessment:** <http://www.iaia.org>
- **SOPHIA (Society of Practitioners of Health Impact Assessment):** <http://www.hiasociety.org>

Events

- **HIA Americas Workshop** (every 18 months – focused on workshops to help practitioners, rather than presentations. Next workshop likely Spring 2013 in Oakland, California).
registration@humanimpact.org for more information.
- **International HIA conference** (Annual; next one August 30-31, 2012, in Quebec City, Canada).
<http://www.hia2012.ca>

Methods (web sites)

- <http://www.iaia.org>
- <http://www.who.int/hia>
- <http://www.hiagateway.org.uk>
- <http://www.hiadatabase.net>
- <http://www.who.int/heli/tools/quantassess/en/index.html>

Online community

- **HIA Blog** <http://healthimpactassessment.blogspot.com/>
- **HIA twitter** @hiablog
- **HIA Wiki** <http://healthimpactassessment.pbworks.com>

Online courses

- **American Planning Association and the National Association of County & City Health Officials (NACCHO):** <http://professional.captus.com/Planning/hia/default.aspx>
- **National Collaborating Centre for Healthy Public Policy online HIA course** – not ready yet (as of April 2012) but finished soon. <http://www.ncchpp.ca>
- **HIA in Mining (University of Laval):** <http://132.203.105.207/eis/index.php?id=10&L=1>
- **Health Scotland:** <http://elearning.healthscotland.com/course/view.php?id=5>
- **UCLA School of Public Health:** <http://www.ph.ucla.edu/hs/health-impact/training.htm>

Repositories (of completed HIAs, tools, guides, and evidence)

- **Health Impact Project:** <http://www.healthimpactproject.org/>
- **HIA Collaborative:** <http://www.hiacollaborative.org/>
- **HIA Gateway:** http://www.apho.org.uk/default.aspx?QN=P_HIA
- **International Health Impact Assessment Consortium (IMPACT):**
http://www.liv.ac.uk/ihia/IMPACT_HIA_Reports.htm
- **NCCHPP – best for Canadian resources:**
http://www.ncchpp.ca/54/Health_Impact_Assessment.ccnpps
- **SOPHIA (Society for Practitioners of HIA):** <http://www.hiasociety.org>
- **UCLA Health Impact Assessment Clearinghouse Learning and Information Center:**
<http://www.hiaguide.org/>

Guides

- Barron T, Orenstein M, Tamburrini A-L. Health Effects Assessment Tool (HEAT): An innovative guide for HIA in resource development projects. Calgary, AL: Habitat Health Impact Consulting Corp and Environmental Resources Management; 2010 Jan. Available from: <http://www.apho.org.uk/resource/item.aspx?RID=83805>.
- Bhatia R. Health impact assessment: A guide for practice. Oakland, CA: Human Impact Partners; 2011. Available from: <http://www.humanimpact.org/component/jdownloads/finish/11/139/0>.
- Douglas M, Scottish Health Impact Assessment Network. How to do health impact assessment: A guide for practitioners. Glasgow, Scotland: Health Scotland; 2009 Mar. Available from: <http://www.healthscotland.com/uploads/documents/10344-Doing%20a%20health%20impact%20assessment.pdf>.
- Egbutah C, Churchill K. An easy guide to health impact assessments for local authorities. Luton, Bedfordshire Luton Borough Council; 2002 Oct. Available from: http://www.hiaconnect.edu.au/files/Easy_Guide_to_HIA_for_Local_Authorities.pdf.
- European Union Project Group. European policy health impact assessment (EPHIA) guide. Liverpool, UK: Project Group; 2004 May. Available from: http://www.liv.ac.uk/ihia/IMPACT%20Reports/EPHIA_A_Guide.pdf.
- Harris P, Harris-Roxas B, Harris E, Kemp L. Health impact assessment: A practical guide. Sydney, Australia: Centre for Health Equity Training, Research and Evaluation (CHETRE). Part of the UNSW Research Centre for Primary Health Care and Equity, UNSW; 2007 Aug. Available from: http://www.hiaconnect.edu.au/files/Health_Impact_Assessment_A_Practical_Guide.pdf.
- Health Canada. The Canadian handbook on health impact assessment. Volume 1: The basics. Ottawa, ON: Health Canada; 2004. Available from: http://www.hc-sc.gc.ca/fniah-spnia/pubs/promotion/_environ/handbook-guide2004/index-eng.php.
- Health Canada. The Canadian handbook on health impact assessment. Volume 2: Approaches and decision-making. Ottawa, ON: Health Canada; 2004. Available from: http://www.hc-sc.gc.ca/fniah-spnia/pubs/promotion/_environ/handbook-guide2004/index-eng.php.
- Health Canada. The Canadian handbook on health impact assessment. Volume 3: The multidisciplinary team. Ottawa, ON: Health Canada; 2004. Available from: http://www.hc-sc.gc.ca/fniah-spnia/pubs/promotion/_environ/handbook-guide2004/index-eng.php.
- Health Canada. The Canadian handbook on health impact assessment. Volume 4: Health impacts by industry sector. Ottawa, ON: Health Canada; 2004. Available from: http://www.hc-sc.gc.ca/fniah-spnia/pubs/promotion/_environ/handbook-guide2004/index-eng.php.
- Health Scotland. Health impact assessment of housing improvements - A guide. Glasgow, Scotland: Health Scotland; 2003 May. Available from: http://www.healthscotland.com/uploads/documents/PHIS_HIAGuide.pdf.
- Health Scotland. Health impact assessment of transport initiatives - A guide. Glasgow, Scotland: Health Scotland; 2007 May. Available from: http://www.healthscotland.com/uploads/documents/5039-03686_NHSHIAGuideFinal1.pdf.
- International Council on Mining and Metals. Good practice guidance on health impact assessment. London, UK: ICMM; 2010. Available from: <http://www.icmm.com/library/hia>.
- International Petroleum Industry Environmental Conservation Association (IPIECA), International Association of Oil and Gas Producers (OGP). A guide to health impact assessments in the oil and gas industry. London, UK: IPIECA/OGP; 2005. Available from: <http://healthimpactassessment.pbworks.com/w/page/21528271/A%20Guide%20to%20Health%20Impact%20Assessment%20in%20the%20Oil%20and%20Gas%20Industry>.
- Lauzière J. Health impact assessment (HIA): Guides and tools. Montreal, QC: National Collaborating Centre for Healthy Public Policy; 2008 June. Available from: <http://ccnpps.ca/docs/HIAGuidesTools2008en.pdf>.

- London Health Observatory (LHO). A guide to reviewing published evidence for use in health impact assessment. London, UK: LHO; 2008. Available from: <http://www.lho.org.uk/viewResource.aspx?id=10846>.
- National Association of County and City Health Officials (NACCHO). Health impact assessment: Quick guide. Washington, DC: NACCHO; 2008 May. Available from: <http://professional.captus.com/Planning/hia/pdf/HIA%20Quick%20Guide.pdf>.
- San Francisco Department of Public Health (DPH). Healthy development measurement tool (HDMT). San Francisco, CA: DPH; 2006. Available from: <http://www.thehdmtool.org/tool.php>.
- University of New South Wales (UNSW) Research Centre for Primary Health Care and Equity. Health impact assessment: A practical guide. Liverpool, Australia: UNSW; 2007. Available from: http://www.hiaconnect.edu.au/hia_a_practical_guide.htm.
- State of Alaska HIA Program. Technical guidance for health impact assessment (HIA) in Alaska. Anchorage, AK: Alaska Department of Health and Human Services; 2011 Jul. Available from: <http://www.epi.hss.state.ak.us/hia/AlaskaHIAToolkit.pdf>.
- University of New South Wales (UNSW) Research Centre for Primary Health Care and Equity. HIA manuals and guides (master list). Liverpool, Australia: UNSW; 2010; Available from: http://www.hiaconnect.edu.au/tools_for_hia.htm#.

Further Reading

- Bhatia R, Corburn J. Lessons from San Francisco: Health impact assessments have advanced political conditions for improving population health. *Health Aff.* 2011;30(12):2410-8. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/22147870>.
- Bhatia R, Seto E. Quantitative estimation in Health Impact Assessment: Opportunities and challenges. *Environ Impact Assess Rev.* 2011;31(3):301-9. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925510001137>.
- Bhatia R, Wernham A. Integrating human health into environmental impact assessment: An unrealized opportunity for environmental health and justice. *Environ Health Perspect.* 2008;116(8):991-1000. Available from: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2516559/>.
- Birley M. Health impact assessment. Principles and practice. New York, NY: Taylor & Francis; 2011.
- Birley M. Health impact assessment in multinationals: A case study of the Royal Dutch/Shell Group. *Environ Impact Assess Rev.* 2005;25(7-8):702-13. Available from: <http://birleyhia.co.uk.cluster.cwcs.co.uk/wordpress/wp-content/uploads/2011/07/birley-hia-in-multns-case-shell.pdf>.
- Braubach M, Jacobs DE, Ormandy D. Environmental burden of disease associated with inadequate housing. Methods for quantifying health impacts of selected housing risks in the WHO European Region. Summary report. Copenhagen, Denmark: World Health Organization Regional Office for Europe; 2011. Available from: <http://www.euro.who.int/en/what-we-publish/abstracts/environmental-burden-of-disease-associated-with-inadequate-housing.-summary-report>
- Centers for Disease Control and Prevention (United States). Health impact assessment. Atlanta, GA: Centers for Disease Control and Prevention (CDC); 2010. Available from: <http://www.cdc.gov/healthyplaces/hia.htm>.
- Chadderton C, Elliott E, Williams G. A guide to assessing the health and wellbeing impacts of opencast mining. Cardiff, UK: Wales Health Impact Assessment Support Unit; 2011 Mar. Available from: <http://www.wales.nhs.uk/sites3/Documents/522/OpencastguidanceFinal.pdf>.
- Cole BL, Shimkhada R, Fielding JE, Kominski G, Morgenstern H. Methodologies for realizing the potential of health impact assessment. *Am J Prev Med.* 2005;28(4):382-9. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/15831346>.
- Connelly R. Canadian and international EIA frameworks as they apply to cumulative effects. *Environ Impact Assess Rev.* 2011;31(5):453-6. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925511000205>.

- Dannenberg AL, Bhatia R, Cole BL, Heaton SK, Feldman JD, Rutt CD. Use of health impact assessment in the U.S.: 27 case studies, 1999-2007. *Am J Prev Med.* 2008;34(3):241-56. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/18312813>.
- European Centre for Health Policy. Health impact assessment. Main concepts and suggested approach (Gothenberg consensus paper). Copenhagen, Denmark: World Health Organization Regional Office for Europe; 1999 Dec.
- Furber S, Tranter D, Harris-Roxas B, Dews C, Gray E, Goldie A, et al. The use of health impact assessment to determine the potential impact of an Australian urban development proposal on health and well-being. *Urban Policy Res.* 2011;29(2):125-39. Available from: <http://www.informaworld.com/smpp/content-content=a933254382~db=all-jumptype=rss>.
- Gauthier M, Simard L, Waaub J-P. Public participation in strategic environmental assessment (SEA): Critical review and the Quebec (Canada) approach. *Environ Impact Assess Rev.* 2011;31(1):48-60. Available from: <http://www.sciencedirect.com/science/article/B6V9G-4YKFMJR-1/2/03d920c2f8d874954513c422ec71f65c>.
- Harris PJ, Harris E, Thompson S, Harris-Roxas B, Kemp L. Human health and wellbeing in environmental impact assessment in New South Wales, Australia: Auditing health impacts within environmental assessments of major projects. *Environ Impact Assess Rev.* 2009;29(5):310-8. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925509000468>.
- Harris-Roxas B, Harris E. Differing forms, differing purposes: A typology of health impact assessment. *Environ Impact Assess Rev.* 2011;31(4):396-403. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925510000545>.
- Harris-Roxas B, Viliani F, Bond A, Cave B, Divall M, Furu P, et al. Health impact assessment: The state of the art. *Impact Assess Proj Appraisal.* 2012;30(1):43-52. Available from: <http://dx.doi.org/10.1080/14615517.2012.666035>.
- Hebert KA, Wendel AM, Kennedy SK, Dannenberg AL. Health impact assessment: A comparison of 45 local, national, and international guidelines. *Environ Impact Assess Rev.* 2012;34(0):74-82. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925512000042>.
- Johnson D, Lalonde K, McEachern M, Kenney J, Mendoza G, Buffin A, et al. Improving cumulative effects assessment in Alberta: Regional strategic assessment. *Environ Impact Assess Rev.* 2011;31(5):481-3. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925511000230>.
- Kemm J, Parry J, Palmer S, editors. Health impact assessment: Concepts, theory, techniques and applications Oxford, UK: Oxford University Press; 2004.
- Krieger GR, Utzinger J, Winkler MS, Divall MJ, Phillips SD, Balge MZ, et al. Barbarians at the gate: Storming the Gothenburg consensus. *Lancet.* 2010;375(9732):2129-31. Available from: [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(10\)60591-0/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(10)60591-0/fulltext).
- Knol AB, Slottje P, van der Sluijs JP, Lebret E. The use of expert elicitation in environmental health impact assessment: a seven step procedure. *Environ Health.* 2010;9(1):19. Available from: <http://www.ehjournal.net/content/9/1/19/>.
- Knol AB, Briggs DJ, Lebret E. Assessment of complex environmental health problems: Framing the structures and structuring the frameworks. *SciTotal Environ.* 2010;408(14):2785-94. Available from: <http://www.sciencedirect.com/science/article/pii/S0048969710002688>
- Mendell A. Four types of impact assessment used in Canada. Montreal, QC: National Collaborating Centre for Healthy Public Policy; 2010 Sept. Available from: http://www.nccchpp.ca/133/publications.ccnpps?id_article=581.
- Mindell J, Biddulph J, Taylor L, Lock K, Boaz A, Joffe M, et al. Improving the use of evidence in health impact assessment. *Bull World Health Organ.* 2010;88(7):443-550. Available from: <http://www.who.int/bulletin/volumes/88/7/09-068510/en/index.html>.
- Mindell JS, Boltong A, Forde I. A review of health impact assessment frameworks. *Public Health.* 2008;122(11):1177-87. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/18799174>.

- Morgan RK. Health and impact assessment: Are we seeing closer integration? *Environ Impact Assess Rev.* 2011;31(4):404-11. Available from: <http://www.sciencedirect.com/science/article/pii/S0195925510000612>
- Negev M, Levine H, Davidovitch N, Bhatia R, Mindell J. Integration of health and environment through health impact assessment: Cases from three continents. *Environ Res.* 2012;114:60-7. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/22364847>.
- Orenstein M, Fossgard-Moser T, Hindmarch T, Dowse S, Kuschminder J, McCloskey P, et al. Case study of an integrated assessment: Shell's North Field Test in Alberta, Canada. *Impact Assess Proj Appraisal.* 2010;28(2):147-57. Available from: <http://dx.doi.org/10.3152/146155110X498816>.
- Phillips C, McCarthy M, Barrowcliffe R. Methods for quantitative health impact assessment of an airport and waste incinerator: two case studies. *Impact Assess Proj Appraisal.* 2010;28(1):69-75. Available from: <http://dx.doi.org/10.3152/146155110X488808>.
- Simpson S. An Introduction to health impact assessment. *NSW Public Health Bull.* 2005;16(7-8):106-7. Available from: http://www.hiaconnect.edu.au/files/NSWPHB_HIA_Issue_2005.pdf.
- St-Pierre L, Mendell A, Burtan M. HIA implementation in Canada: HIA pilot project in Montérégie, Québec. Montreal, QC: National Collaborating Centre for Healthy Public Policy, Institut national de santé publique du Québec; 2011 Jun. Available from: http://www.ncchpp.ca/133/publications.ccnpps?id_article=666.
- Wernham A. Health impact assessments are needed in decision making about environmental and land-use policy. *Health Aff.* 2011;30(5):947-56. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/21555479>.
- Wernham A. Inupiat health and proposed Alaskan oil development: Results of the first integrated health impact assessment/environmental impact statement for proposed oil development on Alaska's north slope. *EcoHealth.* 2007;4(4):514. Available from: <http://dx.doi.org/10.1007/s10393-007-0143-z>.
- World Bank. Introduction to health impact assessment. Washington, DC: World Bank Group, International Finance Corporation; 2009. Available from: <http://www1.ifc.org/wps/wcm/connect/a0f1120048855a5a85dcd76a6515bb18/HealthImpact.pdf?MOD=AJPERES&CACHEID=a0f1120048855a5a85dcd76a6515bb18>.