

- 1 Aparcana, S., Salhofer, S. 2013. **Development of a social impact assessment methodology for recycling systems in low-income countries**. International Journal for Life Cycle Assessments 18, 1106-1115. <http://link.springer.com/article/10.1007%2Fs11367-013-0546-8#page-1>
- 2 Bader, H.-P., Scheidegger, R., Wittmer, D., Lichtensteiger, T. 2011. **Copper flows in buildings, infrastructure and mobiles**. Clean Technology and Environmental Policy 13, 87-101. <http://link.springer.com/article/10.1007%2Fs10098-010-0278-4#page-1>
- 3 Ballard, C. and Banks, G. 2003. **Resource Wars: The Anthropology of Mining**. Annual Review of Anthropology 32: 287-313. <http://www.jstor.org/stable/25064831>
- 4 Benoit-Norris, C., Cavan, D. A. and Norris, G. 2012. **Identifying Social Impacts in Product Supply Chains**. Sustainability 4 (9): 1946-1965. <http://www.mdpi.com/2071-1050/4/9/1946#cite>
- 5 BGS. 2007. **Copper**. MineralsUK, British Geological Survey, NERC. Keyworth, Nottingham, UK. 28 p. <http://www.bgs.ac.uk/mineralsuk/statistics/mineralProfiles.html>
- 6 BFS. 2008. **Materialaufwand der Schweiz**. Umweltstatistik Schweiz Nr. 14, Bundesamt für Statistik. Neuchâtel. <http://www.bfs.admin.ch/bfs/portal/de/index/themen/02/22/publ.html?publicationID=3414>
- 7 Bonnin, M., Azzaro-Pantel, C., Pibouleau, L., Domenech, S., Villeneuve, J. 2013. **Development and validation of a dynamic material flow analysis model for the French copper cycle**. Chemical Engineering Research and Design (in press). <http://www.sciencedirect.com/science/article/pii/S0263876213001068>
- 8 Doggett, M.D., Leveille, R.A. 2010. **Assessing the returns to copper exploration, 1989-2008**. Exploration and Mining Geology 19, 1-2, 23-33. <http://emg.geoscience-world.org/content/19/1-2/23.short>
- 9 EC. 2013. **Resource Efficiency Indicators**. In-Depth Report. Science for Environment Policy, European Commission's Directorate-General Environment. Issue 4, 32 p. <http://ec.europa.eu/environment/integration/research/newsalert/pdf/IR4.pdf>
- 10 Ecoinvent. 2013. **Ecoinvent Database v2.2**. Swiss Centre for Life Cycle Inventories, Dübendorf, Schweiz. <http://www.ecoinvent.ch>
- 11 Estévez, R. A., Walshe, T. and Burgman, M. A. 2013. **Capturing social impacts for decision-making: a Multicriteria Decision Analysis perspective**. Diversity and Distributions 19 (5-6): 608-616. <http://onlinelibrary.wiley.com/doi/10.1111/ddi.12058/pdf>
- 12 EU. 2010. **Annex V to the Report of the Ad-hoc Working Group on defining critical raw materials**. European Commission, Enterprise and Industry. 220 p. http://ec.europa.eu/enterprise/policies/raw-materials/files/docs/annex-v_en.pdf
- 13 EU. 2012. **Richtlinie 2012/19/EU des Europäischen Parlaments und des Rates vom 4. Juli 2012 über Elektro- und Elektronik-Altgeräte**. Amtsblatt der Europäischen Union L 197/42. <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:197:0038:0071:de:PDF>
- 14 EZV. 2012. **Swiss-Impex**. Eidgenössische Zollverwaltung EZV [Web]. <https://www.swiss-impex.admin.ch>, 12.08.2013.
- 15 Fusion Media Limited. 2013. **Copper Futures - Dec 13 (HGZ3), General, Historical Data**. Investing.com [Web]. <http://www.investing.com/commodities/copper-historical-data>, 10.09.2013.
- 16 Gerst, M.D., Graedel, T.E. 2008. **In-use stocks of metals: status and implications**. Environmental Science & Technology 42, 19, 7038-7045. <http://pubs.acs.org/doi/abs/10.1021/es800420p>
- 17 Glöser, S., Soulier, M., Tercero Espinoza, L.A. 2013. **Dynamic analysis of global copper flows**. Environmental Science & Technology 47, 6564-6572. <http://pubs.acs.org/doi/abs/10.1021/es400069b>
- 18 Haglund, D. 2011. **Blessing or curse? The rise of mineral dependence among low- and middle-income countries**. Oxford Policy Management Ltd, Oxford, UK. 37 p. <http://www.opml.co.uk/paper/bleasing-or-curse-rise-mineral-dependence-among-low-and-middle-income-countries>
- 19 Handelsman, S. D. (2009). **Realities and perceptions of human rights and the mining industry - A case study**. PhD thesis, University of British Columbia. https://circle.ubc.ca/bitstream/id/15793/ubc_2009_spring_handelsman_simon.pdf
- 20 Harmsen, J.H.M., Roes, A.L., Patel, M.K. 2013. **The impact of copper scarcity on the efficiency of 2050 global renewable energy scenarios**. Energy 50, 62-73. <http://www.sciencedirect.com/science/article/pii/S0360544212009139>
- 21 Hudson-Edwards, K.A., Jamieson, H.E., Lottermoser, B.G. 2011. **Mine wastes: past, present, future**. Elements 7, 6, 375-380. <http://elements.geoscienceworld.org/content/7/6/375.abstract>
- 22 Haynes, W.M. (ed.) 2013. **CRC Handbook of Chemistry and Physics**. Section 4, The Elements. 93rd edition, p. 14-18. <http://www.hbcnetbase.com>
- 23 Irwin, S.H., Sanders, D.R. 2012. **Financialization and Structural Change in Commodity Futures Markets**. Journal of Agricultural and Applied Economics 44, 3, 371-396. <http://ageconsearch.umn.edu/handle/130280>
- 24 IWCC. 2013. **General Statistics**. International Wrought Copper Council [Web]. <http://www.coppercouncil.org/genstat1.aspx>, 30.08.2013.
- 25 KEBAG, 2013. **Links**. KEBAG Kehrricht-beseitigungs AG [Web]. <http://www.kebag.ch/links.html>, 21.05.2013.
- 26 Krook, J., Carlsson, A., Eklund, M., Frändegård, P. and Svensson, N. 2011. **Urban mining: hibernating copper stocks in local power grids**. Journal of Cleaner Production 19 (9-10): 1052-1056. <http://www.sciencedirect.com/science/article/pii/S0959652611000412>
- 27 Krook, J. and Baas, L. 2013. **Getting serious about mining the technosphere: a review of recent landfill mining and urban mining research**. Journal of Cleaner Production 55 (0): 1-9. <http://www.sciencedirect.com/science/article/pii/S0959652613002916>
- 28 Solomon, F., Katz, E. and Lovel, R. 2008. **Social dimensions of mining: Research, policy and practice challenges for the minerals industry in Australia**. Resources Policy 33 (3): 142-149. <http://www.sciencedirect.com/science/article/pii/S0301420708000251>
- 29 Kreibe, S., Schneider, M., Müller, S., Pitschke, T., Bösch, S. 2012. **Die Abfallwirtschaft im Jahr 2030. Eine Szenarioanalyse nicht nur für Bayern**. Bifa-Text Nr. 57, bifa Umweltinstitut, Augsburg, Deutschland. 54 p. <http://www.ask-eu.de/Artikel/22168/bifa-Text-Nr-57-Die-Abfallwirtschaft-im-Jahr-2030---Eine-Szenarioanalyse-nicht-nur-fuer-Bayern.htm>
- 30 Kreysler, P. 2013. **Glenstrata - Glencore und Xstrata werden zum Rohstoffgiganten**. Heinrich Böll Stiftung, Berlin, Deutschland. 10 p. <http://www.boell.de/de/content/glenstrata-glencore-und-xstrata-werden-zum-rohstoffgiganten>
- 31 Lossin, A. 2012. **Copper**. Ullmann's Encyclopedia of Industrial Chemistry 10, 163-227. <http://onlinelibrary.wiley.com/book/10.1002/14356007/topics>

- 32 Morf, L.S., Gloor, R., Haag, O., Haupt, M., Skutan, S., Di Lorenzo, F., Böni, D. 2012. **Precious metals and rare earth elements in municipal solid waste - Sources and fate in a Swiss incineration plant.** Waste Management 33, 3, 634-644. <http://www.sciencedirect.com/science/article/pii/S0956053X12004229>
- 33 Mudd, G.M. 2010. **The environmental sustainability of mining in Australia: key mega-trends and looming constraints.** Resources Policy 35, 98-115. <http://www.sciencedirect.com/science/article/pii/S0301420709000531>
- 34 Northey, S., Haque, N., Mudd, G. 2013. **Using sustainability reporting to assess the environmental footprint of copper mining.** Journal of Cleaner Production 40, 118-128. <http://www.sciencedirect.com/science/article/pii/S0959652612004982>
- 35 NZZ. 2013. **Kupfer (Grade A, LME).** Neue Zürcher Zeitung 248, 36. Ausgabe 25.10.2013. <http://www.nzz.ch>
- 36 Oguchi, M., Murakami, S., Sakanakura, H., Kida, A., Kameya, T. 2011. **A preliminary categorization of end-of-life electrical and electronic equipment as secondary metal resources.** Waste Management 31, 2150-2160. <http://www.sciencedirect.com/science/article/pii/S0956053X11002510>
- 37 OSEC. 2012. **Handbook for Investors 2012.** Office Suisse d'Expansion Commerciale. 144 p. http://www4.ti.ch/fileadmin/DFE/DE-USE/copernico/doc/OSEC_Handbook_for_investors.pdf
- 38 Prno, J. and Scott Slocombe, D. 2012. **Exploring the origins of 'social license to operate' in the mining sector.** Resources Policy 37 (3): 346-357. <http://www.sciencedirect.com/science/article/pii/S0301420712000311>
- 39 Prior, T., Giurco, D., Mudd, G., Mason, L., Behrisch, J. 2011. **Resource depletion, peak minerals and the implications for sustainable resource management.** Global Environmental Change 22, 577-587. <http://www.sciencedirect.com/science/article/pii/S0959378011001361>
- 40 Rauch, J.N. 2009. **Global mapping of Al, Cu, Fe, and Zn in-use stocks and in-ground resources.** Proceedings of the National Academy of Sciences 106, 45, 18920-18925. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2776457/>
- 41 Reck, B. K. and Graedel, T. 2012. **Challenges in metal recycling.** Science 337 (6095): 690-695. <http://www.sciencemag.org/content/337/6095/690.abstract>
- 42 Roth, C. **Kritische Rohstoffe in der MEM-Industrie.** Cleantec City, Bern, Schweiz. 19. März 2013. 26 p. http://www.cleanteccity.ch/Portaldata/12/Resources/dokumente/referate/19.03.13_FT2_REF3_Roth.pdf
- 43 Schodde, R. 2010. **The key drivers behind resource growth: an analysis of the copper industry over the last 100 years.** 2010 MEMS Conference Mineral and Metal Markets over the Long Term, SME annual meeting, Phoenix, AZ, USA. <http://www.minexconsulting.com/publications/Growth%20Factors%20for%20Copper%20SME-MEMS%20March%202010.pdf>
- 44 Spoerri, A., Lang, D. J., Staebli, B. and Scholz, R. W. (2010). **Technological change in Swiss thermal waste treatment: An expert-based socio-technical analysis.** Waste Management 30 (7): 1382-1394. <http://www.sciencedirect.com/science/article/pii/S0956053X10000942>
- 45 SENS, Swico, SLRS, 2013. **Fachbericht 2013.** Stiftung SENS, Zürich; Technische Kontrollstelle, Swico Recycling, Zürich; Stiftung Licht Recycling Schweiz SLRS, Bern. <http://www.swicorecycling.ch/de/aktuell-medien/publikationen>, 26.10.2013.
- 46 SGK, 2004. **Rohstoffinventar der Schweiz** (Datenbank). Schweizerisch Geotechnische Kommission, Zürich, Schweiz. <http://www.sgk.ch/main.asp?content=inhalt/projekte/Rohstoffinventar.htm&nav=37>
- 47 Taverna, R., Tremp, J. 2012 (unveröffentlicht). **Stoffflüsse ausgewählter Schwermetalle und organischer Verbindungen in elektrischen und elektronischen Kleingeräten sowie deren Verteilung in den Outputgütern einer Elektronikschrott-Entsorgungsanlage** (Nachfolge Immark-Studie). Schlussbericht, Zürich, 2012. 143 p.
- 48 Thomas, J.-S., Birat, J.-P. 2013. **Methodologies to measure the sustainability of materials – focus on recycling aspects.** Revue de Métallurgie 110, 3-16. <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8892575>
- 49 Topp, V., Soames, L., Parham, D., Block, H. 2008. **Productivity in the mining industry: measurement and interpretation.** Productivity Commission, Australian Government, Melbourne, Australia. 176 p. http://www.pc.gov.au/_data/assets/pdf_file/0005/84911/mining-productivity.pdf
- 50 UNEP. 2010. **Metal Stocks in Society. Scientific Synthesis.** A Report of the Working Group on the Global Metal Flows to the International Resource Panel. UNEP. 52 p. <http://www.unep.org/resourcepanel/Portals/24102/PDFs/Metalstocksinsociety.pdf>
- 51 UNEP. 2011. **Recycling Rates of Metals. A Status Report.** A Report of the Working Group on the Global Metal Flows to the International Resource Panel. UNEP. 48 p. http://www.unep.org/resourcepanel/Portals/24102/PDFs/Metals_Recycling_Rates_110412-1.pdf
- 52 UNEP. 2013. **Metal recycling: opportunities, limits, infrastructure.** A Report of the Working Group on the Global Metal Flows to the International Resource Panel. UNEP. 320 p. http://www.unep.org/resourcepanel/Portals/24102/PDFs/Metal_Recycling_Full_Report.pdf
- 53 UNEP. 2013. **Environmental risks and challenges of anthropogenic metals flows and cycles.** A Report of the Working Group on the Global Metal Flows to the International Resource Panel, UNEP. 234 p. http://www.unep.org/resourcepanel/Portals/24102/PDFs/Environmental_Challenges_Metals-Full%20Report.pdf
- 54 USGS. 1933-2013. **Copper.** Minerals Yearbook 1933-2013. U.S. Geological Survey, Reston, VA, USA. <http://minerals.usgs.gov/minerals/pubs/commodity/copper/>
- 55 USGS. 2004. **Copper recycling in the United States in 2004.** U.S. Geological Survey Circular 1196-X. Goonan, T.G. 36 p. <http://pubs.usgs.gov/circ/circ1196x/pdf/circ1196X.pdf>
- 56 USGS. 2011. **Flow studies for recycling metal commodities in the United States.** U.S. Geological Survey Circular 1196-AA. Sibley, S.F. 31 p. http://pubs.usgs.gov/circ/2004/1196am/c1196a-m_v2.pdf
- 57 VSMR. 2013. **Verband Stahl-, Metall- und Papier-Recycling Schweiz** [Web]. Bern, Schweiz. <http://www.vsmr.ch>
- 58 Werner, F. 2013. **Urban mining als Teil einer umfassenden Rohstoffstrategie: Ökobilanzielle Begleitung der Potenzialstudie des AWEL.** Amt für Abfall, Wasser, Energie und Luft, Zürich. Entwurf v.1. 65 p.
- 59 Wagner, M., Franken, G., Martin, N., Melcher, F. and Vasters, J. 2007. **Zertifizierte Handelsketten im Bereich mineralischer Rohstoffe.** Bundesanstalt für Geowissenschaften und Rohstoffe, Hannover. http://www.bgr.bund.de/DE/Themen/Min_rohstoffe/Downloads/Studie_Zertifizierte_Handelsketten.pdf?__blob=publicationFile&v=2
- 60 Wang, X., Gaustad, G. 2012. **Prioritizing material recovery for end-of-life printed circuit boards.** Waste Management 32, 10, 1903-1913. <http://www.sciencedirect.com/science/article/pii/S0956053X1200195X>
- 61 Wilson, D. C., Velis, C. and Cheeseman, C. 2006. **Role of informal sector recycling in waste management in developing countries.** Habitat International 30 (4): 797-808. <http://www.sciencedirect.com/science/article/pii/S0197397505000482>