

Références Bibliographiques de l'ouvrage :

“Impacts écologiques des Technologies de l’Information et des communications »

Éditions EDP

Novembre 2012

2X (2010). *Benefits and Savings of Using Thin Clients*. White Paper, 2X Software LTD
<http://www.2x.com/docs/en/whitepapers/pdf/WPthinclient.pdf> Dernière consultation le 31 août 2012.

Adams R. (2011). Amazon’s Ebook Sales Eclipse Paperbacks for the First Time. *The Guardian*, 28 janvier <http://www.guardian.co.uk/world/richard-adams-blog/2011/jan/28/amazon-kindle-ebook-paperback-sales> Dernière consultation le 27 août 2012.

ADEME (2012). *Fiche produit n°14, Déchets dangereux des ménages : cartouches d'encre et toners*. ADEME, Direction Régionale Alsace, 2p.
http://www.ademe.fr/alsace/pdf/14_cartouche.pdf Dernière consultation le 27 août 2012.

ADEME, Bio Intelligence Services (2006). *Impacts sur l'environnement des produits et services consommés en Europe : synthèse de divers travaux européens (1999, 2002)*. ADEME.

ADEME, BIO Intelligence Service (2010a). *Équipements électriques et électroniques - Données 2009*. ADEME, Angers, 145p.
<http://www2.ademe.fr/servlet/getBin?name=A032597E14E4403E550AAF91E5EE813A1292597880257.pdf> Dernière consultation le 27 août 2012.

ADEME, BIO Intelligence Service (2010b). *Étude du potentiel de recyclage de certains métaux rares, partie 2*. ADEME, Angers, 153p.
<http://www2.ademe.fr/servlet/getBin?name=FC948F2FA054674D302DDCA2C6A4A8201298280333566.pdf> Dernière consultation le 30 août 2012.

ADEME, BIO Intelligence Service (2011). *Équipement électriques et électroniques - Rapport annuel / Données 2010*. ADEME, Angers, 120p.
http://www2.ademe.fr/servlet/getBin?name=C1D8D3FB0D6D41BC332B8322BD6CDB1F_tomcatlocal1320332164546.pdf Dernière consultation le 30 août 2012.

ADEME, TERRA (2008). *État de l'art des technologies de recyclage de certains DEEE : PAM, tubes cathodiques, cartes et composants électroniques*. ADEME, Angers, 170p.
<http://www2.ademe.fr/servlet/getBin?name=84D8B0870084ADAA935890B6C7EBF3FC1233574954036.pdf>, Dernière consultation le 31 août 2012.

ADIT (2011). Déchets électroniques : L’administration Obama dévoile sa stratégie pour "mener par l'exemple". BE États-Unis, 256 <http://www.bulletins-electroniques.com/actualites/67513.htm> Dernière consultation le 30 août 2012.

AEA Group (2008). *EU Ecolabel for Personal Computers - Desktops and Computer Monitors*. AEA Energy & Environment, 36p.
<http://ecoinfo.grenoble.cnrs.fr/lib/exe/fetch.php?media=impacts->

[tics:secteurs:eu_report_discussion_desktops.pdf](#) Dernière consultation le 27 août 2012.

- Aglietta M., Rigot S. (2009). *Crise et rénovation de la finance*. Odile Jacob, Paris, 361p.
- Ahmadi A., Williamson B.H., Theis T.L., Powers S. E. (2003). Life-Cycle Inventory of Toner Produced for Xerographic Processes. *Journal of Cleaner Production*, **11**(5): 573-582.
- Aissani L., Pradel M., Mollaret M.E. (2009). *Rapport de Synthèse - Décembre 2009 Comparaison de Deux Logiciels d'ACV Gabi 4 Et Simapro 7.1.8*. CEMAGREF, 64p.
- Albertao, F., Jing X., Chunhua Tian, Yu L., Kun Qiu Z., Cheng L. (2010). Measuring the Sustainability Performance of Software Projects. e-Business Engineering (ICEBE). *Proceedings of the 2010 IEEE International Symposium on Electronics and the Environment*, 369-373.
- Allchin C., Morris S. (2002). The Determination and Occurrence of Three Groups of Brominated Flame Retardants (Polybrominated Diphenyl Ethers, Tetrabromobisphenol A and Hexabromocyclododecane) in Samples of Aquatic Origin from the UK. Readman J., Worsfold P. eds, *Proceedings of ISEAC 32, International Symposium on the Environment and Analytical Chemistry*, Plymouth, 17-20 Juin: 15p.
- Andrae A., Andersen O. (2011). Life Cycle Assessment of Integrated Circuit Packaging Technologies. *The International Journal of Life Cycle Assessment*, **16**(3): 258-267.
- Andrae A., Zou G., Liu J. (2004). An Environmental Assessment of Gallium Arsenide Monolithic Microwave Integrated Circuit System-In-a-Package (SIP) Switch Product. *The International Journal of Life Cycle Assessment*, **9**(1): 45-52.
- Anthony S. (2012). *\$1.5 billion: The Cost of Cutting London-Tokyo Latency by 60ms*. ExtremeTech, <http://www.extremetech.com/extreme/122989-1-5-billion-the-cost-of-cutting-london-toyko-latency-by-60ms> Dernière consultation le 02 août 2012.
- Artignan D., Cottard F. (2003). *Éléments à Prendre en Compte pour l'Évaluation des Impacts Environnementaux dans l'Élaboration d'un Plan de Prévention des Risques Miniers (PPRM)*. Rapport BRGM/RP-52049-FR, 46p.
- Asante K. A., Adu-Kumi S., Nakahiro K., Takahashi S., Isobe T., Sudaryanto A., Devanathan G., Clarke E., Duodu Ansa-Asare O., Dapaah-Siakwan S., Tanabe S. (2011). Human Exposure to PCBs, PBDEs and HBCDs in Ghana: Temporal Variation, Sources of Exposure and Estimation of Daily Intakes by Infants. *Environment International*, **37**(5): 921-928.
- Ashby M.F. (2011). *Matériaux et Environnement – Choix Éco-responsable en Conception*. Dunod/L'Usine Nouvelle, Paris, 400p.
- Atlantic Consulting & IPU (1998). *LCA Study of the Product Group Personal Computers in the EU Ecolabel Scheme - LCA Study (Version 1.2)*. Atlantic Consulting & IPU, 86p. www.eu-energystar.org/downloads/lcastudy_pc_1998.pdf
- Attenborough D. (2010). *Silent Summer: The State of Wildlife in Britain and Ireland*. Ed. Norman Maclean, Cambridge University Press, 768p.

- Aubin J. (2010). *La Tentation de L'île de Pâques – Piller la Planète jusqu'à l'Effondrement.* La maison d'éditions LME, Le Rheu, 256p.
- Aylin K. (2008). How to reduce data center energy consumption, environmental impact and power costs. *Facilities Management Magazines: Premises and Facilities Management* <http://www.fmlink.com/article.cgi?type=Magazine&pub=Premises%20&%20Facilities%20Management&id=40709&mode=source> Dernière consultation le 31 août 2012.
- Babbitt C., Kahhat R., Williams E., Babbitt G. (2009). Evolution of Product Lifespan and Implications for Environmental Assessment and Management: A Case Study of Personal Computers in Higher Education. *Environmental Science and Technology*, **43**: 5106–5112.
- Bahers J.-B. (2012). *Dynamiques des Filières de Récupération-Recyclage et Écologie Territoriale : l'Exemple du Traitement des Déchets d'Équipements Électriques Et Electroniques (DEEE) en Midi-Pyrénées.* Thèse de doctorat en Géographie-Aménagement soutenue le vendredi 6 avril 2012 à l'Université de Toulouse 2 Le Mirail, 491p. http://tel.archives-ouvertes.fr/docs/00/71/11/99/PDF/Bahers_Jean-Baptiste.pdf Dernière consultation le 31 août 2012.
- Banks D., Younger P. L., Arnesen R. T., Iversen E. R., Banks S. B. (1997). Mine-Water Chemistry: the Good, the Bad and the Ugly. *Environmental Geology*, **32**(3):157–174.
- Banza C. L. N., Nawrot T. S., Haufroid V., Decrée S., De Putter T., Smolders E., Ilunga Kabyla B., Numbi Luboya O., Ndala Ilunga A., Mwanza Mutombo A., Nemery B. (2009). High Human Exposure to Cobalt and Other Metals in Katanga, a Mining Area of the Democratic Republic of Congo. *Environmental Research*, **109**(6): 745-752.
- Barathon D. (2011). Les Tendances IT du Gartner Jusqu'en 2016 ! *LeMondeInformatique.fr* **6 décembre** <http://www.lemondeinformatique.fr/actualites/lire-les-tendances-it-du-gartner-jusqu-en-2016-46879.html> Dernière consultation le 27 août 2012.
- Barba-Gutiérrez Y., Adenso-Díaz B., Hopp M. (2008). An analysis of Some Environmental Consequences of European Electrical and Electronic Waste Regulation. *Resources, Conservation and Recycling*, **52** : 481-495.
- Basel Action Network (2010). Country Status / International Toxics Progress Report Card. http://ban.org/country_status/report_card.html Dernière consultation le 30 aout 2012.
- Basel Convention Regional Centre in China, Asia-Pacific Regional Centre for Hazardous Waste Management Training and Technology Transfer (2005). *Report on the Survey of the Import and the Environmentally Sound Management of Electronic Wastes in the Asia-Pacific Region.* Department of Environmental Science and Engineering, Beijing, Chine 277p. http://archive.basel.int/centers/proj_activ/stp_projects/01-02.pdf Dernière consultation de 31 août 2012.
- Baudrillard J. (1996). *La société de consommation.* Gallimard, Paris, 318p.
- BCS Incorporated (2007). *Mining Industry Energy Bandwidth Study.* Industrial Technology Program, U.S. Department of Energy, 47p. http://www1.eere.energy.gov/manufacturing/industries_technologies/mining/pdfs/mining_bandwidth.pdf Dernière consultation le 27 août 2012.

- Berthoud F, Parry M., Charbuillet C. (2010). Que Peut-On Attendre Aujourd’hui des Analyses de Cycle de Vie des Ordinateurs ? *CONFREGE*, Toulouse 14-15 Novembre.
- Bertolucci J. (2008). How Much Ink Is Left in That Dead Cartridge? *PC World*, 2 novembre <http://www.pcworld.com/printable/article/id,152953/printable.html> Dernière consultation le 27 août 2012.
- Bi X., Simoneit B. R. T., Wang Z., Wang X., Sheng G., Fu J. (2010). The Major Components of Particles Emitted During Recycling of Waste Printed Circuit Boards in a Typical E-Waste Workshop of South China. *Atmospheric Environment*, 44(35): 4440-4445.
- Bihouix P., de Guillebon B. (2010). *Quel Futur pour les Métaux ? Raréfaction des Métaux : Un Nouveau Défi pour la Société*. EDP Sciences, Les Ulis, 299p.
- BIOIS (2008). *Impacts of ICT on Energy Efficiency – Final Report – Executive Summary*. European Commission DG INFSO, 14p. http://www.biois.com/wp/wp-content/uploads/2011/02/BIO_EC_ICTEnergy-Efficiency_ExSum.pdf Dernière consultation le 27 août 2012.
- Birraux C., Kert C. (2011). *Les Enjeux des Métaux Stratégiques : le Cas des Terres Rares*. Office Parlementaire d'Évaluation des Choix Scientifiques et Technologiques (OPECST), Paris, 84p.
- Boeglin N., Veuillet D. (2005). *Introduction à l'Analyse de Cycle de Vie*. Note de synthèse externe, ADEME Département Eco-Conception & Consommation Durable, Angers.
- Boks C., Huisman J., Stevels A. (2000). Combining Economical and Environmental Considerations in Cellular Phone Design. *Proceedings of the 2000 IEEE International Symposium on Electronics and the Environment*, 20-26.
- Bol D., Boyd S. and Dornfeld D. (2011). Application-Aware LCA of Semiconductors: Life-Cycle Energy of Microprocessors From High-Performance 32nm CPU To Ultra-Low-Power 130nm MCU, *Proceedings of the 2011 IEEE International Symposium on Sustainable Systems and Technology (ISSST)*, 1-6.
- Bonnaire C., Varescon I. (2009). La cyberdépendance. in *Les addictions comportementales : Aspects cliniques et psychopathologiques*. I. Varescon, Wavre, Mardaga, 107-132.
- Boons F. (2009). *Creating Ecological Value: An Evolutionary Approach To Business Strategies And The Natural Environment*. Edward Elgar, Northampton, MA, 210p.
- Bose-O'Reilly S., Lettmeier B., Roider G., Siebert U., Drasch G. (2008a). Mercury in Breast Milk-A Health Hazard for Infants in Gold Mining Areas? *International Journal of Hygiene and Environmental Health*, 211: 615-23.
- Bose-O'Reilly S., Lettmeier B., Gothe R M., Beinhoff C., Siebert U., Drasch G. (2008b). Mercury As a Serious Health Hazard for Children in Gold Mining Areas. *Environmental Research*, 107: 89-97.
- Bose-O'Reilly S., Drasch G., Beinhoff C., Rodrigues-Filho S., Roider G., Lettmeier B., Maydl A., Maydl S., Siebert U. (2010a). Health Assessment of Artisanal Gold Miners in Indonesia. *Science of the Total Environment*, 408: 713-25.

- Bose-O'Reilly S., Drasch G., Beinhoff C., Tesha A., Drasch K., Roider G., Taylor H., Appleton D., Siebert U. (2010b). Health Assessment of Artisanal Gold Miners in Tanzania. *Science of the Total Environment*, **408**: 796-805.
- Bouley D. (2010). *Estimating a Data Center's Electrical Carbon Footprint*. White Paper Schneider Electric, Data Center Science Center, 13p. http://www.apcmedia.com/salestools/DBOY-7EVHLH_R0_EN.pdf Dernière consultation le 31 août 2012.
- Boullier D. (2009). Les industries de l'attention : Au-delà de la fidélisation et de l'opinion. *Réseaux*, **154**: 232-246.
- Bournay E. (2008). *Life Cycle Emissions of a Computer*. UNEP/GRID-Arendal Maps and Graphics Library <http://maps.grida.no/go/graphic/life-cycle-emissions-of-a-computer> Dernière consultation le 27 août 2012.
- Boustead I. (1996). LCA-How It Came About, the Beginning in the UK. *The International Journal of Life Cycle Assessment*, **1**(3): 147-150.
- Boyer R., Didier M. (1998). *Innovation et croissance*. Rapport au Conseil d'Analyse Économique. La Documentation française, Paris, 200p. <http://www.ladocumentationfrancaise.fr/var/storage/rapports-publics/984001545/0000.pdf> Dernière consultation le 31 août 2012.
- Bradu B. (2009). Internet, Google et écologie. *La Science pour Tous ? 6 décembre* <http://science-for-everyone.over-blog.com/article-internet-google-et-ecologie-40680323.html> Dernière consultation le 27 août 2012.
- Brandstötter M., Knoth R., Kopacek B., Kopacek, P. (2002). Case study of a printed-wire-board concerning (re)design for environment. *Proceedings of the 2002 IEEE International Symposium on Electronics and the Environment*, 65-68.
- Braune A., Warburg N. (2006). *Technical Report Samples and Case Studies: Demonstration of Applicability of the EPIC-ICT Method (Deliverable 6)*. IKP, 63p. www.ecoinfo.cnrs.fr/IMG/ACV/ACV/EPIC_D6_Report.pdf Dernière consultation le 27 août 2012.
- Bretz R. (1998). SETAC LCA Workgroup: data availability and data quality. *The International Journal of Life Cycle Assessment*, **3**(3):121-123.
- BRGM (2005). La Gestion de l'Eau des Mines en Phase Post-Extractive. *Géosciences*, **2**: 67-71 <http://www.brgm.fr/dcenewsFile?ID=231> Dernière consultation le 27 août 2012.
- BRGM (2007). Les Matières Premières Minérales : Réserves mondiales 2007. Mineralinfo.org. <http://www.mineralinfo.org/Substance/reserves.htm> Dernière consultation le 27 août 2012.
- Brigden K., Labunska I., Santillo D., Allsopp M. (2005). *Recycling of Electronic Wastes In China and India: Workplace and Environmental Contamination*. Greenpeace international, Amsterdam, Netherlands, 72p. <http://www.greenpeace.org/india/Global/india/report/2005/8/recycling-of-electronic-wastes.pdf> Dernière consultation le 27 août 2012.
- Brigden K., Labunska I., Santillo D., Walters A. (2007). *Cutting Edge Contamination, a Study of Environmental Pollution During the Manufacture of Electronic Products*. Greenpeace international, Amsterdam, Netherlands, 80p.

www.greenpeace.org/international/Global/international/planet-2/report/2007/2/cutting-edge-contamination-a.pdf Dernière consultation le 27 août 2012.

Brinkley A., Kirby J.R., Wadehra I.L., Watson, P.G., Chaffee, C., Cho Nai Cheung, Rhodes, S.P., Wolf, M. (1994). Ecoprofile Studies of Fabrication Methods for IBM Computers: Sheet Metal Computer Cover. *Proceedings of the 1994 IEEE International Symposium on Electronics and the Environment*, 299-306.

Business Wire (2011). 2011 is the Best Holiday Ever for Kindle. *BusinessWire.com*, 29 décembre <http://www.businesswire.com/news/home/20111229005169/en/2011-Holiday-Kindle> Dernière consultation le 27 août 2012.

Butler T. (2011). Compliance With Institutional Imperatives on Environmental Sustainability: Building Theory on the Role of Green IS. *The Journal of Strategic Information Systems*, 20(1): 6-26.

CanyonSnow Consulting (2009). *Informatique Légère et Développement Durable - Étude de l'impact Environnemental des Postes de Travail Conventionnels et des Clients Légers*. Livre blanc WYSE, Guyancourt http://fr.wyse.com/resources/whitepapers/developpement_durable.asp Dernière consultation le 27 août 2012.

Capra E., Francalanci C., Slaughter S.A. (2012). Is Software “Green”? Application Development Environments and Energy Efficiency in Open Source Applications. *Information and Software Technology*, 54(1): 60-71.

CDB Secrétariat de la Convention de la diversité biologique (2010). Synthèse Scientifique des Impacts de l’Acidification des Océans sur la Biodiversité Marine. *Cahier technique CDB*, Montréal, 46: 61p. <http://www.cbd.int/doc/publications/cbd-ts-46-fr.pdf> Dernière consultation le 27 août 2012.

CEC (Commission of the European Parliament) (2003a). DIRECTIVE 2002/95/EC. *On the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)*. Brussels.

CEC (Commission of the European Parliament) (2003b). DIRECTIVE 2002/96/EC. *On waste electrical and electronic equipment (WEEE)*. Brussels.

CEPI (2011). *Sustainability Report 2011*. CEPI, 76p. http://www.cepi-sustainability.eu/uploads/Sustainability_Report_WEB.pdf Dernière consultation le 27 août 2012.

Chakrabarty S., Sarma, H. P. (2010). Heavy metal contamination of drinking water in Kamrup district, Assam, India. *Environmental Monitoring and Assessment*, 179: 479-486.

Chen D., Bi X., Zhao J., Chen L., Tan J., Mai B., Sheng G., Fu J., Wong M. (2009). Pollution Characterization and Diurnal Variation of PBDEs in the Atmosphere of an E-Waste Dismantling Region. *Environmental Pollution*, 157: 1051-1057.

Cherry, C. R., Gottesfeld (2009). Plans to distribute the next billion computers by 2015 creates lead pollution risk. *Journal of Cleaner Production*, 17: 1620-1628.

Chiang, S.-Y, Wei C. C. (2011). How Can Electronics Industries Become Green Manufacturers in Taiwan And Japan. *Clean Technologies and Environmental Policy*, 13(1): 37-47.

- Choi B., Shin H., Lee S., Hur T. (2006). Life Cycle Assessment of a Personal Computer and Its Effective Recycling Rate. The *International Journal of Life Cycle Assessment*, **11**(2): 122-128.
- CISCO (2011). *Cisco Global Cloud Index: Forecast and Methodology, 2010-2015*. White Paper CISCO, 26p.
http://www.cisco.com/en/US/solutions/collateral/ns341/ns525/ns537/ns705/ns1175/Cloud_Index_White_Paper.pdf Dernière consultation le 31 août 2012.
- Clara M., Scheffknecht C., Scharf S., Weiss S., Gans O. (2008). Emissions of Perfluorinated Alkylated Substances (PFAS) from Point Sources--identification of Relevant Branches. *Water Science and Technology*, **58**(1): 59-66.
- CNRS (2011). Forêt, l'urgence. *CNRS le journal*, **257**: 20-27.
<http://www2.cnrs.fr/journal/4772.htm> Dernière consultation le 27 août 2012.
- CNRS-INSU (2011). Première étude globale sur le rôle des forêts comme puits de carbone. *Communiqué de Presse CNRS*, **15 juillet**
<http://www2.cnrs.fr/presse/communique/2228.htm?&debut=56> Dernière consultation le 27 août 2012.
- Cobbing M. (2008). *Toxic Tech: Not in Your Backyard, Uncovering the Hidden Flow of E-Waste*. Greenpeace International, Amsterdam, Pays-Bas, 76p.
<http://www.greenpeace.org/seasia/th/Global/seasia/report/2008/2/e-waste-report-full.pdf> Dernière consultation le 05 septembre 2012.
- Cochet Y. (2005) *Pétrole apocalypse*. Fayard, Paris, 250p.
- CODDE (2008). Analyse du Cycle de Vie d'un Téléphone Portable. ADEME, Angers, 12p.
www.ademe.fr/internet/telephone-portable/site-web/portable.pdf Dernière consultation le 27 août 2012.
- Cohen N. (2001). The Environmental Impacts of E-commerce. *Sustainability in the Information Society, 15th International Symposium on Informatics for Environmental Protection*, edited by L.M. Hilty and P.W. Gilgen, Marburg, Metropolis Verlag.
- Commission Européenne (2001). Research for Sustainable Production – The Pulp and Paper Industry. *Communiqué de presse de la Commission européenne*, Brussels, **29 juin**
<http://ec.europa.eu/research/press/2001/pr2906en.html> Dernière consultation 27 août 2012.
- Commission Européenne (2006). Document de référence sur les meilleures techniques disponibles : Traitement de surface des métaux et matières plastiques. Commission européenne, Ministère de l'Énergie, de l'Énergie, du Développement durable et de la Mer, 663p.
http://www.ineris.fr/ippc/sites/default/files/files/stm_bref_0806_VF_1.pdf Dernière consultation le 31 août 2012.
- Connolly M.V. (2009). What Does a Google Search Really Cost? *ASCUE Proceedings, 42nd Annual Conference of the ASCUE*, North Myrtle Beach, South Carolina. 84-87
<http://www.ascue.org/files/proceedings/2009/p84.pdf> Dernière consultation le 31 août 2012.
- Cui, J. and H. Jørgen Roven (2011). Electronic Waste. *Waste*. Academic Press, Boston, 281-296.

- Curien N., Muet P.-A. (2004). *La société de l'information*. Rapport au Conseil d'Analyse Économique. La Documentation française, Paris, 310p. <http://www.ladocumentationfrancaise.fr/var/storage/rapports-publics/044000180/0000.pdf> Dernière consultation le 31 août 2012.
- Dagan R., Dubey B., Bitton G., Townsend T. (2007). Aquatic Toxicity of Leachates Generated from Electronic Devices. *Archives of Environmental Contamination and Toxicology*, **53**: 168-173.
- Dannoritzer C. (2010). *Prêt à jeter*. Arte Théma. Docu, Arte France, 75mn.
- Darpy D., Volle P. (2007). *Comportement du consommateur : Concepts et outils*. Dunod, Paris, 370p.
- De Gastines E., Huet J.-M. (2011). La nouvelle ère des subventions de terminaux ? *Le journal des télécoms*, **228**: 32 <http://www.jdt.fr/JDT-PDF/228/JDT228.pdf> Dernière consultation le 31 août 2012.
- Deloitte (2010). *Marché des tablettes numériques : Phénomène de mode ou tendance de fond ?* Présentation Deloitte, Décembre, 23p. http://www.deloitte.com/assets/Dcom-France/Local%20Assets/Documents/Votre%20Secteur/TMT/DELOITTE_Etude_Tablettes_decembre%202010.pdf Dernière consultation le 27 août 2012.
- Deng L., Babbitt C.W., Williams E.D. (2011). Economic-Balance Hybrid LCA Extended with Uncertainty Analysis: Case Study of a Laptop Computer. *Journal of Cleaner Production*, **19**(11): 1198-1206.
- DesAutels P., Berthon P. (2011). The PC (Polluting Computer): Forever a Tragedy of the Commons? *The Journal of Strategic Information Systems*, **20**(1): 113-122.
- Deutscher G. (2008). *The Entropy Crisis*. World Scientific Publishing Company, 130p.
- Dexia Asset Management (2007). Les Entreprises du Secteur du Papier et des Produits de la Filière Bois Passées au Crible de l'analyse RSE. *Looking Ahead, Lettre trimestrielle d'information sur l'investissement socialement responsable (ISR) et l'analyse de la responsabilité sociale des entreprises (RSE)*, **6 octobre**: 14p. https://www.dexia-am.com/NR/rdonlyres/300179DC-1418-424C-B7AF-05D9813E4BFC/0/LOOKING_AHEAD_PUBL06_FR_200710.pdf Dernière consultation le 31 août 2012.
- Diamond J. (2006). *Effondrement - Comment les Sociétés Décident de Leur Disparition ou de Leur Survie*. Gallimard, Paris, 648p.
- Dick M., Naumann S., Held A. (2010). Green Web Engineering: A Set of Principles to Support the Development and Operation of “Green” Websites and their Utilization during a Website’s Life Cycle. *Proceedings of 6th International Conference on Web Information Systems and Technologies*, Valencia, INSTICC Press, 48-55.
- Dobré M., Juan S. (2009). *Consommer Autrement : La Réforme Écologique des Modes de Vie*. L’Harmattan, Paris, 320p.
- Dowdall T. (2011). Victory - India Introduces E-Waste Law. *Blog de Greenpeace international*, **10 juin** <http://www.greenpeace.org/international/en/news/Blogs/makingwaves/victory-india-introduces-e-waste-law/blog/35240> Dernière consultation le 30 août 2012.

- Duan H., Eugster M., Hischier R., Streicher-Porte M., Li J. (2009). Life Cycle Assessment Study of a Chinese Desktop Personal Computer. *Science of The Total Environment*, **407**(5): 1755-1764.
- Duan H., Hou K., Li J., Zhu X. (2011). Examining the Technology Acceptance for Dismantling of Waste Printed Circuit Boards in Light of Recycling and Environmental Concerns. *Journal of Environmental Management*, **92**(3): 392-399.
- Eckstein, G. and Eckstein Y. (2003). A Hydrogeological Approach to Transboundary Ground Water Resources and International Law. *American University International Law Review*, **19**: 201-258.
- ÉcoInfo (2011), *Les lanthanides ou terres rares*. <http://www.ecoinfo.cnrs.fr/spip.php?rubrique57> Dernière consultation le 2 aout 2012.
- EEA (1997). *Life Cycle Assessment: A Guide to Approaches, Experiences and Information Sources*. Environmental issue report N°6. European Environment Agency, Copenhagen K, Denmark, 116p.
- Eglin T., Blanchart E., Berthelin J., de Cara S., Grolleau G., Lavelle P., Richaume-Jolion A., Bardy M., Bispo A. (2010). *La vie cachée des sols*. Plaquette du Ministère de l'Énergie, de l'Énergie, du Développement durable et de la Mer, Commissariat général au développement durable 20p. http://www.developpement-durable.gouv.fr/IMG/pdf/La_vie_cachee_des_sols.pdf Dernière consultation le 31 aout 2012.
- EITO (2010). Les Français achètent de nouveau plus d'ordinateurs. *Communiqué de presse EITO, 1 décembre* <http://www.eito.com/press/Press-Releases-2010/Les-Francais-achetent-de-nouveau-plus-dordinateurs> Dernière consultation le 30 aout 2012.
- Elyan J. (2010). Un rapport se penche sur le bilan carbone des e-readers. *LeMondeInformatique.fr, 25 aout* <http://www.lemondeinformatique.fr/actualites/lire-un-rapport-se-penche-sur-le-bilan-carbone-des-e-readers-31456.html> Pour accéder au résumé du rapport *The environmental impact of Amazon's Kindle* du Cleantech Group LLC http://www.tkearth.com/downloads/thoughts_ereaders.pdf Dernière consultation le 27 aout 2012.
- Enerzine.com (2011), Feu vert pour un forage pétrolier offshore en Guyane. *Actualité Enerzine.com rubrique pétrole, 7 mars* <http://www.enerzine.com/10/11518+feu-vert-pour-un-forage-petrolier-offshore-en-guyane+.html> Dernière consultation le 27 aout 2012.
- Enroth M. (2006). *Developing Tools for Sustainability Management in the Graphic Arts Industry*. PhD Dissertation. Royal Institute of Technology, Stockholm, Sweden 132p. http://www.csc.kth.se/utbildning/forskar/avhandlingar/doktor/2005_2006/EnrothMaria.pdf Dernière consultation le 31 aout 2012.
- EPSON (2009). *Guide 2009 : Technologies Et Performances Environnementales*. Epson France, Levallois-Perret, 20 p. http://www.epson.fr/cs/ContentServer/Guide%202009-%20Technologies%20et%20Performances%20Env.pdf?c=Document&pagename=ep_en_GB%2FDocument%2FLinkDocument&cid=1227912996618 Dernière consultation le 31 aout 2012.
- Estia-Via (2007). *Impacts environnementaux liés au service de livraison à domicile de Telemarket - Synthèse Environnementale Transport & Emballage*. Présentation Estia

- SA, Lausanne 38p. <http://media.telemarket.fr/artPresse/etudeEstiaVia.pdf> Dernière consultation 27 août 2012.
- Eugster, M., Hischier R., Duan H. (2007). *Key environmental impacts of the Chinese EEE-Industry - A life cycle assessment study*. EMPA: Materials Science and technology, 90p. http://ewasteguide.info/files/Eugster_2007_Empa.pdf Dernière consultation le 27 août 2012
- European Commission. (2010a). *Critical Raw Materials for the EU*. Report of the Ad-hoc Working Group On Defining Critical Raw Materials to the Raw Materials Supply Group European Commission, DG Enterprise and Industry, 84p. http://ec.europa.eu/enterprise/policies/raw-materials/critical/index_en.htm Dernière consultation le 27 août 2012.
- European Commission, Joint Research Centre, Institute for Environment and Sustainability (2010b). *International Reference Life Cycle Data System (ILCD) Handbook - Specific Guide for Life Cycle Inventory Data Sets*. Publications Office of the European Union, Luxembourg, First edition, March 2010, 142p. <http://lct.jrc.ec.europa.eu/pdf-directory/ILCD-Handbook-Specific-guide-for-LCI-online-12March2010.pdf> Dernière consultation le 31 août 2012.
- Ewing B., Moore D., Goldfinger S., Oursler A., Reed A., Wackernagel, M. (2010). *The Ecological Footprint Atlas 2010*. Global Footprint Network, Oakland, 113p. http://www.footprintnetwork.org/fr/index.php/GFN/page/ecological_footprint_atlas_2010 Dernière consultation le 31 août 2012.
- Fabre M., Winkler W. (2010). *L'obsolescence programmée, symbole de la société du gaspillage. Le cas des produits électriques et électroniques*. CNIID et Les Amis de la Terre, 28p. http://www.cniid.org/IMG/pdf/201009_rapport_OP_AdT_Cniid.pdf Dernière consultation le 30 août 2012.
- Faist Emmenegger M.F., Frischknecht R., Stutz M., Guggisberg M., Witschi R., Otto T. (2006). Life Cycle Assessment of the Mobile Communication System UMTS: Towards Eco-efficient Systems. *The International Journal of Life Cycle Assessment*, **11**(4): 265-276.
- Falkenmark, M., Lundquist J., Widstrand C. (1989). Macro-scale Water Scarcity Requires Micro-scale Approaches: Aspects of Vulnerability in Semi-arid Development. *Natural Resources Forum*, **13**(4): 258-267.
- FAO Water (2012). *Water at a Glance : The Relationship Between Water, Agriculture, Food Security and Poverty*. FAO, 14p. <http://www.fao.org/nr/water/docs/waterataglance.pdf> Dernière consultation le 27 août 2012.
- Fenerol C., Shafii I. (2004). Overview of the Project on the Environmentally Sound Management of E-Waste for Asia Pacific Region. *Colloque "E-Waste and the Basel Convention"*, Bangkok, 22-23 juin http://www.env.go.jp/recycle/3r/en/sOfficials/08_02/02.pdf Dernière consultation le 30 août 2012.
- Feng C., Ma X.Q. (2009). The Energy Consumption and Environmental Impacts of a Color TV Set in China. *Journal of Cleaner Production*, **17**(1): 13-25.
- Fiksel J. (2009). *Design for Environment: A Guide to Sustainable Product Development.*, Mc Graw Hill Professional, Second Edition, 432p.

- Filippone, D. (2012). L'informatique, un poison pour 56% des salariés. *Le journal du Net*, **20 juin** <http://www.journaldunet.com/solutions/dsi/etude-informatique-et-usages-par-sqli.shtml> Dernière consultation le 05 septembre 2012.
- Finnveden G. (2000). On The Limitations Of Life Cycle Assessment And Environmental Systems Analysis Tools In General. *The International Journal of Life Cycle Assessment*, **5**(4): 229-238.
- Finnveden G., Hauschild M.Z., Ekval T., Guinée J., Heijungs R., Hellweg S., Koehler A., Pennington D., Suh S. (2009). Recent Developments in Life Cycle Assessment. *Journal of Environmental Management*, **91**(1): 1-21.
- Fischer A. (2006). *Axel Fischer (INGEDE) sur la problématique du désencrage en impression numérique*. IFRA, **21 décembre** <http://www.ifra.net/fr/wiki/axel-fischer-ingede-sur-la-probl%C3%A9matique-du-d%C3%A9sencrage-en-impression-num%C3%A9rique> Dernière consultation le 27 août 2012.
- Flipo F., Gossart C. (2009a). Infrastructure numérique et environnement : L'impossible domestication de l'effet rebond. *Terminal*, **103-104**: 163-177.
- Flipo F., Gossart C., Deltour F., Gourvennec B., Dobré M., Michot M., Berthet L. (2009b). *Technologies Numériques et Crise Environnementale: Peut-on Croire aux TIC Vertes?* Projet Écotic- Rapport final, Institut TELECOM, 213p. http://etos.it-sudparis.eu/rapports/Rapport_Ecotic.pdf Dernière consultation le 27 août 2012.
- Foster P. (2011). Four Companies Lead the Enterprise Energy Management Software Market. *The Green IT Review*, **8 décembre** <http://www.thegreenitreview.com/2011/12/four-companies-lead-enterprise-energy.html> Dernière consultation le 27 août 2012.
- Franz R. (2011). The Life Cycle of Materials in Mobile Phones. *UL White Paper*, **2**(4). <http://www.ul.com/global/fra-ca/pages/corporate/aboutul/publications/newsletters/hightech/vol2issue4/1mobile/> Dernière consultation le 27 août 2012.
- Fraunhofer Institute (2008). *Environmental Comparison of the Relevance of PC and Thin Client Desktop Equipment for the Climate*. Fraunhofer Institute for Environmental, Safety and Energy Technology, UMSICHT, **24 avril**, 120p. http://it.umsicht.fraunhofer.de/TCEcology/docs/TCEcology2008_en.pdf Dernière consultation le 27 août 2012.
- Frey S.D., Harrison D.J., Billett E.H. (2006). Ecological Footprint Analysis Applied to Mobile Phones. *Journal of Industrial Ecology*, **10**(1-2): 199-216.
- Frischknecht R., Jungbluth N., Althaus H.-J., Doka G., Heck T., Hellweg S., Hischier R., Nemecek T., Rebitzer G., Spielmann M., Wernet G. (2007). *Overview and Methodology - Data v2.0. ecoinvent report n°1*. Swiss Centre for Life Cycle Inventories, 68p. http://www.ecoinvent.org/fileadmin/documents/en/01_OverviewAndMethodology.pdf Dernière consultation le 31 août 2012.
- Fujitsu (2010). Life Cycle Assessment and Product Carbon Footprint: Fujitsu ESPRIMO E9900 Desktop PC. *Fujitsu Technology Solutions GmbH White Paper*, 5p. <http://globalsp.ts.fujitsu.com/dmsp/Publications/public/wp-LCA-PCF-ESPRIMO-E9900.pdf> Dernière consultation le 27 août 2012.

- Gagnon N., Hall C. A. S., Brinker L. (2009). A Preliminary Investigation of Energy Return on Energy Investment for Global Oil and Gas Production. *Energies*, **2**: 490-503.
- GAO (2008). *Electronic waste, EPA Needs to Better Control Harmful U.S. Exports through Stronger Enforcement and More Comprehensive Regulation - Report to the Chairman, Committee on Foreign Affairs, House of Representatives*. United States Government Accountability Office, Washington, 67p. <http://www.gao.gov/new.items/d081044.pdf> Dernière consultation le 30 août 2012.
- Gard D. L., Keoleian G.A. (2002). A Life Cycle Energy Comparison of Two Journal Collections: Electronic And Traditional. *Proceedings of the 2002 IEEE International Symposium on Electronics and the Environment*, 49-52.
- Geology.com (2011a). Indium Price Supported by LCD Demand and New Uses for the Metal. Geology.com <http://geology.com/articles/indium.shtml> Dernière consultation le 27 août 2012
- Geology.com (2011b). REE - Rare Earth Elements and their Uses. Geology.com <http://geology.com/articles/rare-earth-elements/> Dernière consultation le 27 août 2012.
- Georgescu-Roegen N. (1979). *Demain la Décroissance. Entropie, écologie, économie*. Sang de la Terre, Paris, 157p.
- Georgescu-Roegen N. (1995). *La Décroissance: Entropie - Écologie – Économie*. 2e édition revue et augmentée, Sang de la Terre, Paris, 220p.
- GeSI, The Climate Group (2008). *SMART 2020: Enabling the low carbon economy in the information age United States Report Addendum*. Global e-Sustainability Initiative, London, 85p. <http://www gesi.org/LinkClick.aspx?fileticket=tbp5WRTHUoY%3d&tabid=60> Dernière consultation le 27 août 2012
- GIEC (2007). *Bilan 2007 des changements climatiques. Contribution des Groupes de travail I, II et III au quatrième Rapport d'évaluation du Groupe d'experts intergouvernemental sur l'évolution du climat*. Équipe de rédaction principale, Pachauri, R.K. et Reisinger, A., GIEC, Genève, Suisse, 103p. http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4_syr_fr.pdf Dernière consultation le 27 août 2012.
- Girod B. (2009). *Integration of Rebound Effects into LCA - Analysis of the Environmental Impact of Product-Consumption Interactions*. PhD Dissertation in Environmental Sciences. ETH, Zurich, Suisse.
- Girod B., de Haan P., Scholz R. W. (2011). Consumption-as-usual instead of ceteris paribus assumption for demand. *The International Journal of Life Cycle Assessment*, **16**(1): 3-11.
- Goleman D., Norris G. (2010). How Green Is My iPad? *New York Times*, **4 avril** <http://www.nytimes.com/interactive/2010/04/04/opinion/04opchart.html> Dernière consultation le 27 août 2012.
- Gossart C. (2010). Quand les technologies vertes poussent à la consommation. *Le Monde Diplomatique*, juillet: 20-21.
- Gößling-Reisemann S. (2008). What Is Resource Consumption and How Can It Be Measured? *Industrial Ecology*, **12**: 10-25.

Graedel T., Saxton E. (2002). Improving the Overall Environmental Performance of Existing Telecommunications Facilities. *The International Journal of Life Cycle Assessment*, **7**(4): 219-224.

Grandjean A., Jancovici J.-M. (2011). Empreinte Carbone: en 20 ans, les Français ont pris du poids ! *La Lettre du Carbone*, **2**: 8p.
http://perso.limsi.fr/Individu/bourdin/master/Lettre_du_Carbone_N2.pdf Dernière consultation le 27 août 2012.

Grandjean P., Weihe P., White R.F., Debes F., Araki S., Yokoyama K., Murata K., Sorensen N., Dahl R., Jorgensen P.J. (1997). Cognitive Deficit in 7-Year-old Children With Prenatal Exposure to Methylmercury. *Neurotoxicology and Teratology* **19**: 417-428.

Grandjean P., White R.F., Nielsen A., Cleary D., de Oliveira Santos E.C. (1999). Methylmercury Neurotoxicity in Amazonian Children Downstream From Gold Mining. *Environmental Health Perspectives* **107**: 587-591.

Greenpeace (2009). Greenpeace undercover operation exposes illegal dumping of e-waste in Nigeria Electronics companies must take responsibility for recycling their products. *Communiqué de presse Greenpeace international*, **18 février**
<http://www.greenpeace.org/international/en/press/releases/greenpeace-undercover-operatio/> Dernière consultation le 30 août 2012.

Greenpeace France (2010). *Avec le papier recyclé ne cautionnez plus la déforestation !* Greenpeace, Paris, 4p.
http://www.comptoir-ecologique.fr/pdf_dossiers/comptoir_ecologique_1267026133.pdf Dernière consultation le 27 août 2012.

Griffa G., Radice L., Bianco C., Anders A., Zhu B., Han D., Gemma P., Luo S. (2010). Carbon Footprint of Next Generation Fixed Networks. *Telecommunications Energy Conference (INTELEC), 32nd International*, 1 - 6 June, 1-6.

Grisel L., Osset P.(2008). *L'analyse du cycle de vie d'un produit ou d'un service. Applications et mise en pratique*. AFNOR, La Plaine Saint-Denis, 358p.

Gullett B. K., Linak W. P., Touati A., Wasson S. J., Gatica S., King C. J. (2007). Characterization of Air Emissions and Residual Ash from Open Burning of Electronic Wastes During Simulated Rudimentary Recycling Operations. *Journal of Material Cycles and Waste Management*, **9**(1): 69-79.

Guo Y., Huo X., Li Y., Wu K., Liu J., Huang J., Zheng G., Xiao Q., Yang H., Wang Y., Chen A., Xu X. (2010). Monitoring of lead, cadmium, chromium and nickel in placenta from an e-waste recycling town in China. *Science of The Total Environment*, **408**(16): 3113-3117.

Hagelüken C. (2008a). Recycling Experience and Practice in Germany: Recovery of Precious and Special Metals from E-Scrap. *IFAT China 2008 E-waste workshop*, Shangaï, 24 septembre
http://www.preciousmetals.umincore.com/PMR/Media/escrap/show_recyclingExperienceAndPracticeInGermany.pdf Dernière consultation le 30 août 2012.

Hagelüken C., Buchert M. (2008b).The Mine Above Ground- Opportunites and challenges to recover scarce and valuable metals from EOL electronic devices. *Industrial Engineering Research Conference (IERC)*, Salzbourg, Autriche, 17 janvier, 31p.

<http://www.preciousmetals.uminore.com/PMR/Media/escrap/theMineAboveGround.pdf> Dernière consultation le 05 septembre 2012.

- Hagelüken, C. (2011). Sustainable Resource Management in the Production Chain of Precious and Special Metals. *International Economics of Resource Efficiency*, Bleischwitz R., Welfens P. J. and Zhang Z. Physica-Verlag HD, 357-369.
- Hall, C.A.S., Balogh S., Murphy D.J. (2009). What is the Minimum EROI that a Sustainable Society Must Have? *Energies*, **2**: 25-4.
- Han G., Ding G., Lou X., Wang X., Han J., Shen H., Zhou Y., Du L. (2011). Correlations of PCBs, DIOXIN, and PBDE with TSH in Children's Blood in Areas of Computer E-waste Recycling. *Biomedical and Environmental Sciences*, **24**(2): 112-116.
- Hannemann C.R., Carey V.P., Shah A.J., Patel C. (2008). Lifetime Exergy Consumption as a Sustainability Metric for Enterprise Servers. *Paper ES2008-54181, Proceedings, ASME International Conference on Energy Sustainability*, Aug 10-14, Jacksonville, FL, 35-42.
- Hayles K. (1999). *How We Became Posthumans*. University of Chicago Press, Chicago, 364p.
- Heilbrunn B. (2010). *La consommation et ses sociologies*. Armand Colin, Paris, 125p.
- Heintz M. (2011). Terres rares et enjeux économiques mondiaux. *Actualités scientifiques et technologiques*, Ambassade de France, Londres, Grande Bretagne <http://www.ambafrance-uk.org/Terres-rares-et-enjeux-economiques> Dernière consultation le 27 août 2012.
- Hellweg S., Hofstetter T., Hungerbuhler K. (2003). Discounting And The Environment: Should Current Impacts Be Weighted Differently Than Impacts Harming Future Generations? *The International Journal of Life Cycle Assessment*, **8**(1): 8-18.
- Hernández A. J., Pastor J. (2008). Relationship Between Plant Biodiversity and Heavy Metal Bioavailability in Grasslands Overlying an Abandoned Mine. *Environmental Geochemistry and Health*, **30**(2):127-133.
- Herpin N. (2001). *Sociologie de la consommation*. La Découverte, Paris, 121p.
- Herring H., Roy R. (2002). Sustainable Services, Electronic Education and the Rebound Effect. *Environmental Impact Assessment Review*, **22**(5): 525-542.
- Hessels L.K., van Lente H. (2008). Re-thinking New Knowledge Production: A Literature Review and a Research Agenda. *Research Policy*, **37**(4): 740-760.
- Hill, J.K., Thomas C.D., Huntley B. (1999). Climate and Habitat Availability Determine 20th Century Changes in a Butterfly's Range Margin. *Proceedings of the Royal Society of London B*, **266**: 1197-1206.
- Hilty L. (2008). *Information Technology and Sustainability: Essays on the Relationships between Information Technology and Sustainable Development*. Books on Demand, Norderstedt, 182p.
- Hilty L.M., Kohler A., Von Scheele F., Zah R. & Ruddy F. (2006). Rebound effects of progress in information technology. *Poiesis and Praxis*, **4**: 19-38.

- Hino T., Agawa R., Moriya Y., Nishida M., Tsugita Y., Araki T. (2009). Techniques to Separate Metal from Waste Printed Circuit Boards from Discarded Personal Computers. *Journal of Material Cycles and Waste Management*, **11**: 42-54.
- Hischier R., Baudin I. (2010). LCA Study of a Plasma Television Device. *The International Journal of Life Cycle Assessment*, **15**(5): 428-438.
- Hosoda E. (2007). International Aspects of Recycling of Electrical and Electronic Equipment: Material Circulation in the East Asian Region. *Journal of Material Cycles and Waste Management*, **9**: 140-150.
- Hou Bac Fan (2000). Effects of Simulated Acid Rain on Germination, Foliar Damage, Chlorophyll Contents and Seedling Growth of Five Hardwood Species. *Forest Ecology and Management*, **126**: 321-329.
- Huang K., Guo J., Xu Z. (2009). Recycling of Waste Printed Circuit Boards: A Review of Current Technologies and Treatment Status in China. *Journal of Hazardous Materials*, **164**: 399-408.
- Huang X., Sillanpaa M., Gjessing E. T., Peraniemi S., Vogt R. D. (2010). Environmental Impact of Mining Activities on the Surface Water Quality in Tibet: Gyama Valley. *Science of the Total Environment*, **408**(19): 4177-4184.
- Huisman J., Magalini F., Kuehr R., Maurer C., Ogilvie S., Poll J., Delgado C., Artim E., Szlezak J., Stevles A. (2008). *2008 Review of Directive 2002/96 on Waste Electrical and Electronic Equipment (WEEE), Final Report part 1*. United Nations University, 129p. http://ewasteguide.info/files/WEEE_final_report_unu_part1.pdf Dernière consultation le 30 août 2012.
- Hukkinen J. (1999). *Institutions in Environmental Management: Constructing mental models and sustainability*. Routledge, NY, 240p.
- Hunkeler D., Rebitzer G. (2005). The Future of Life Cycle Assessment. *The International Journal of Life Cycle Assessment*, **10**(5): 305-308.
- Huo X., Peng L., Xu X., Zheng L., Qiu B., Qi Z., Zhang B., Han D., Piao Z. (2007). Elevated Blood Lead Levels of Children in Guiyu, an Electronic Waste Recycling Town in China. *Environmental Health Perspectives*, **115**(7): 1113-1117.
- Hutcheson L. (2008). FTTx: Current Status and the Future. *Communications Magazine*, **46**(7): 90-95.
- IEA (2010). *World Energy Outlook 2010*. OECD/ IEA Publications, Paris, 738p. <http://www.worldenergyoutlook.org/media/weo2010.pdf> Dernière consultation le 27 août 2012.
- IEA (International Energy Agency) (2011). *Key World Energy Statistics*. OECD/ IEA Publications, Paris, 82p. http://www.iea.org/textbase/nppdf/free/2011/key_world_energy_stats.pdf. Dernière consultation le 27 août 2012.
- IFN (2005). La forêt française : un puits de carbone ? Son rôle dans la limitation des changements climatiques. *L'IF*, **7**: 8p. http://www.ifn.fr/spip/IMG/pdf/L_IF_no07_carbone.pdf Dernière consultation le 31 août 2012.
- IGEL Technology (2007). *Under the 'Environmental' Hood: Thin Clients Versus Regular PCs*. IGEL, 4p.

http://www.igel.com/fileadmin/user/upload/documents/WP_Green_US_v1.pdf

Dernière consultation le 27 août 2012.

Illich Y. (1973). *Énergie et équité*. Seuil, Paris, 57p.

INERIS (2009). *Pratiques en Évaluation des Risques Sanitaires liés à l'Environnement Industriel et aux Services : Bulletin de veille scientifique*, **13** :13p .

<http://www.ineris.fr/centredoc/PERSEIS13.pdf> Dernière consultation 27 août 2012.

INRS (2011). *Les écrans à tubes cathodiques. Comment réduire le risque chimique*. Édition INRS ED 6089, Paris, 8p.

<http://www.inrs.fr/accueil/dms/inrs/CataloguePapier/ED/TI-ED-6089/ed6089.pdf>

Dernière consultation le 30 août 2012.

IRD (2011). Des forêts et des hommes. *Les Dossiers thématiques de l'IRD*. <http://www.mpl.ird.fr/suds-en-ligne/foret/> Dernière consultation le 27 août 2012.

ISO (1999a). *ISO 14021, Marquage et Déclarations Environnementaux- Auto-Déclarations Environnementales (Étiquetage de type II)*. AFNOR, La Plaine Saint-Denis, 23p.

ISO (1999b). *ISO 14024, Marquage et Déclarations Environnementaux- Étiquetage Environnemental de Type I- Principes et Méthodes*. AFNOR, La Plaine Saint-Denis, 13p.

ISO (2000). *ISO 14020, Etiquettes et Déclarations Environnementales- Principes Généraux*. AFNOR, La Plaine Saint Denis, 6p.

ISO (2005). *ISO/IEC 25000:2005, Ingénierie du logiciel - Exigences de qualité du produit logiciel et évaluation (SQuaRE) - Guide de SQuaRE*. AFNOR, La Plaine Saint-Denis, 41p.

ISO (2006a). *ISO 14040, Management Environnemental - Analyse Du Cycle De Vie : principes et cadre*. AFNOR, La Plaine Saint Denis, 23p.

ISO (2006b). *ISO 14044, Management Environnemental - Analyse Du Cycle De Vie : exigences et lignes directrices*. AFNOR, La Plaine Saint Denis, 49p.

ISO (2006c). *ISO 14025, Marquage et Déclarations Environnementaux- Déclarations Environnementales de Type III- Principes et Modes Opératoires*. AFNOR, La Plaine Saint-Denis, 26p.

ITU (2011). Key Global Telecom Indicators for the World Telecommunication Service Sector. http://www.itu.int/ITU-D/ict/statistics/at_glance/KeyTelecom.html Dernière consultation le 27 août 2012.

Jackson T. (2010). *Prospérité sans croissance : La transition vers une économie durable*. De Boeck, Bruxelles, Etopia, Namur, 247p.

Jancovici J.M., Grandjean A. (2009). *C'est maintenant! 3 Ans pour Sauver le Monde*. Seuil, Paris, 279p.

Jang Y., Kim M. (2010). Management of Used & End-of-Life Mobile Phones in Korea: A Review. *Resources, Conservation and Recycling*, **55** (1): 11-19.

Jolliet O., Saadé M., Crettaz P., Shaked S. (2010). *Analyse du cycle de vie : Comprendre et réaliser un écobilan*. Presses Polytechniques et Universitaires Romandes, Lausanne, 302p.

- Jouanno C. (2010). *Dossier bilan de la filière pour la période 2006-2009 et les nouveaux défis fixés pour 2010-2014*. Ministère de l'Énergie, du Développement Durable et de la Mer, 33p.
<http://www2.ademe.fr/servlet/getBin?name=B8241FC7B6DAA4641629E190497A62051278406195948.pdf> Dernière consultation le 30 août 2012.
- Juan S. (2011). *La Transition Écologique, les Obstacles Sociaux à l'Économie Verte*. Èrès, Toulouse, 286p.
- Kahhat R., Kim, J., Xu M., Allenby B, Williams E., Zhang P. (2008). Exploring E-Waste Management Systems in the United States. *Resource Conservation and Recycling*, **52** (7): 955-964.
- Kempf H. (2007). *Comment les riches détruisent la planète*. Seuil, Paris, 147p.
- Kim J., Xu M., Kahhat R., Allenby B., Williams E. (2008). Design and Assessment of a Sustainable Networked System in the U.S.: Case Study of Book Delivery System. *Proceedings of the 2008 IEEE International Symposium on Electronics and the Environment*, 1-5.
- Kim S., Hwang T., Overcash M. (2001). Life Cycle Assessment Study of Color Computer Monitor. *The International Journal of Life Cycle Assessment*, **6**(1): 35-43.
- Kitasei S., Narotzky N. (2011). *Global Oil Market Resumes Growth after Stumble in 2009*. Worldwatch Institute, Washington, 9p. <http://vitalsigns.worldwatch.org/vs-trend/global-oil-market-resumes-growth-after-stumble-2009> Dernière consultation le 27 août 2012
- Kocoglu Y., Moatty F. (2010). Diffusion et combinaison des TIC : Les réseaux, la gestion des données et l'intégration par les ERP. *Réseaux*, **4**(162): 33-71.
- Kopacek B. (2010). ReLCD Recycling and Re-Use of LCD Panels. *Proceedings of the 2010 IEEE International Symposium on Sustainable Systems and Technology (ISSST)*, 1-3.
- Kozak G.L., Keoleian G.A. (2003). Printed Scholarly Books and E-Book Reading Devices: A Comparative Life Cycle Assessment of Two Book Options. *Proceedings of the 2003 IEEE International Symposium on Electronics and the Environment*, 291-296.
- Krausmann F., Fischer-Kowalski M., Schandl H., Eisenmenger N. (2008). The Global Socio-metabolic Transition: Past and Present Metabolic Profiles and Their Future Trajectories. *Journal of Industrial Ecology*, **12**(5-6):637-657.
- Ladou J., Rohm T. (1998). The International Electronics Industry. *International Journal of Occupational Environmental Health*, **4**(1): 1–18.
- Lambooy T. (2011). Corporate Social Responsibility: Sustainable Water Use. *Journal of Cleaner Production*, **19** : 852-866.
- Lankey R., McLean H., Sterdis A. (1997). A Case Study In Environmentally Conscious Design: Wearable Computers. *Proceedings of the 1997 IEEE International Symposium on Electronics and the Environment*, 204-209.
- Larsen H.F., Hansen M.S., Hauschild M. (2009). Life Cycle Assessment of Offset Printed Matter with EDIP97: How Important are Emissions of Chemicals? *Journal of Cleaner Production*, **17**(2): 115-128.

Larssen T., Seip H. M., Semb A, Mulder J., Muniz I. P., Vogt R. D., Lydersen E., Angell V., Dagang T., Eilertsen O. (1999). Acid Deposition and Its Effects in China: An Overview. *Environmental Science and Policy*, **2**: 9-24.

Le Guern Y., Farrant L., Bio Intelligence Service (2011a). *Analyse comparée des impacts environnementaux de la communication par voie électronique Volet requête web : Synthèse*. BIO Intelligence Service, Paris ; ADEME, Angers, 15p. http://ademe.typepad.fr/files/acv_ntic_synthese_requete_web.pdf Dernière consultation le 27 août 2012.

Le Guern Y., Farrant L., Bio Intelligence Service (2011b). *Analyse comparée des impacts environnementaux de la communication par voie électronique Volet clé USB : Synthèse*. BIO Intelligence Service, Paris ; ADEME, Angers, 11p. http://ademe.typepad.fr/files/acv_ntic_synthese_cle_usb.pdf Dernière consultation le 27 août 2012.

Le Guern Y., Farrant L., Bio Intelligence Service (2011c). *Analyse comparée des impacts environnementaux de la communication par voie électronique Volet courrier électronique : Synthèse*. BIO Intelligence Service, Paris ; ADEME, Angers 44p. http://ademe.typepad.fr/files/acv_ntic_synthese_courrier_electronique.pdf Dernière consultation le 05 septembre 2012.

Le Pochat S. (2005). *Intégration de l'Éco-Conception dans les PME : Proposition d'une Méthode d'Appropriation de Savoir-Faire pour la Conception Environnementale des Produits*. Thèse de doctorat en Génie industriel soutenue le 18 Novembre 2005, Institut Arts et Métiers ParisTech de Chambéry, 279p. http://pastel.archives-ouvertes.fr/docs/00/50/01/72/PDF/These_Le_Pochat.pdf Dernière consultation le 05 septembre 2012.

Leforestier G. (2006). TIC et productivité des entreprises. *Le 4 Pages des statistiques industrielles (SESSI)*, **223**.

Lenzen M., Murray J. (2010), Conceptualising Environmental Responsibility. *Ecological Economics*, **70**(2): 261-270.

Leroy Y. (2009). *Développement d'une Méthode de Fiabilisation des Prises de Décisions Environnementales dans le Cadre d'Analyses de Cycle de Vie Basée sur l'Analyse et la Gestion des Incertitudes sur les Données d'Inventaires*. Thèse de doctorat en Génie industriel soutenue le 30 Novembre 2009, Institut Arts et Métiers ParisTech de Chambéry, 194p.

Leung A.O.W., Duzgoren-Aydin N.S., Cheung K.C., Wong M.H. (2008). Heavy Metals Concentrations of Surface Dust from E-Waste Recycling and its Human Health Implications in Southeast China. *Environmental Science and Technology*, **42**: 2674-2680.

Levinson M. (2008). *Watching Water – A Guide to Evaluating Corporate Risks in a Thirsty World*. JP Morgan, Global Equity Research, 60p. http://pdf.wri.org/jpmorgan_watching_water.pdf Dernière consultation le 27 août 2012.

Lexmark (2005). Les entreprises Françaises Dépensent 400 millions d'euros par an en impressions inutiles. *Communiqué de presse*, **12 septembre**

<http://www.lexmark.com/vgn/images/portal/CP%20400%20millions%20d'euros%20d'impressions%20inutiles.pdf> Dernière consultation le 05 septembre 2012.

Lexmark (2007). *Rapport Environnemental 2007*. Lexmark, 28p.
http://www.lexmark.fr/vgn/images/portal/Rapport_environnemental_Lexmark_2007.pdf Dernière consultation le 27 août 2012.

Li Y., Xu X., Liu J., Wu K., Gu C., Shao G., Chen S., Chen G., Huo X. (2008). The Hazard of Chromium Exposure to Neonates in Guiyu of China. *Science of The Total Environment*, **403**(1-3): 99-104.

Li Y., Huo X., Liu J., Peng L., Li W., Xu X. (2011). Assessment of Cadmium Exposure for Neonates in Guiyu, an Electronic Waste Pollution Site of China. *Environmental Monitoring and Assessment*, **177**(1): 343-351.

Liao G. (2008). Heavy Metals Contamination Characteristics in Soil of Different Mining Activity Zones. *The Transactions of Nonferrous Metals Society of China*, **18**: 207-211.

Libois L.J. (1994). *Les télécommunications : technologies, réseaux, services*. Eyrolles, Paris, 112p.

Lipovetsky G. (1987). *L'empire de l'éphémère : La mode et son destin dans les sociétés modernes*. Gallimard, Paris, 348p.

Lipovetsky G. (2006). *Le bonheur paradoxalement : Essai sur la société d'hyperconsommation*. Gallimard, Paris, 377p.

Liu C.H., Lin S.J., Lewis C. (2010). Life Cycle Assessment of DRAM in Taiwan's Semiconductor Industry. *Journal of Cleaner Production*, **18**(5): 419-425.

Liu H., Zhou Q., Wang Y., Zhang Q., Cai Z., Jiang G. (2008). E-Waste Recycling Induced Polybrominated Diphenyl Ethers, Polychlorinated Biphenyls, Polychlorinated Dibenz-P-Dioxins and Dibenz-Furans Pollution in the Ambient Environment. *Environment International*, **34**(1): 67-72.

Liu J., Xu X., Wu K., Piao Z., Huang J., Guo Y., Li W., Zhang Y., Chen A., Huo X. (2011). Association between lead exposure from electronic waste recycling and child temperament alterations. *NeuroToxicology*, **32**(4): 458-464.

Liu Q., Cao J., Li K.Q., Miao X.H., Li G., Fan F.Y., Zhao Y.C. (2009). Chromosomal Aberrations and DNA Damage in Human Populations Exposed to The Processing of Electronics Waste. *Environmental Science and Pollution Research*, **16**(3): 329-338.

Lock T. (2003). *Les Avantages du Client Léger en Pratique*. Bloor Research, 37p.
<http://fr.wyse.com/resources/whitepapers/PDF/BloorRep.pdf> Dernière consultation le 27 août 2012.

Loerincik Y. (2006). *Environmental Impacts and Benefits of Information and Communication Technology Infrastructure and Services, Using Process and Input Output Life Cycle Assessment*. Thèse de l'École Polytechnique Fédérale de Lausanne soutenue le 30 juin 2006, 163p.
http://biblion.epfl.ch/EPFL/theses/2006/3540/EPFL_TH3540.pdf Dernière consultation le 05 septembre 2012.

Loerincik Y., Suh S., Jolliet O. (2003). Life Cycle Environmental Impact of the Internet Infrastructure in a University. *Proceedings of the 2003 IEEE International Symposium on Electronics and the Environment*, 173–176.

- London B. (1932). *Ending the Depression Through Planned Obsolescence*. 8p. [http://upload.wikimedia.org/wikipedia/commons/2/27/London_\(1932\)_Ending_the_depression_through_planned_obsolescence.pdf](http://upload.wikimedia.org/wikipedia/commons/2/27/London_(1932)_Ending_the_depression_through_planned_obsolescence.pdf) Dernière consultation le 2 aout 2012.
- London Metal Exchange (2007). *Industry Usage: Copper Grade A*. http://www.lme.com/copper_industryusage.asp Dernière consultation le 27 août 2012.
- Loos R., Locoro G., Huber T., Wollgast J., Christoph E.H., de Jager A., Manfred Gawlik B., Hanke G., Umlauf G., Zaldivar J. M. (2008). Analysis of Perfluorooctanoate (PFOA) and other Perfluorinated Compounds (PFCs) in the River Po Watershed in N-Italy. *Chemosphere*, **71**: 306–313.
- Louis C. (2010). Un trafic de déchets toxiques mis au jour dans la Marne. *Le Figaro*, **08 juin** <http://www.lefigaro.fr/actualite-france/2010/06/08/01016-20100608ARTFIG00679-un-trafic-de-dechets-toxiques-mis-au-jour-dans-la-marne.php> Dernière consultation le 30 août 2012.
- Luo C., Liu C., Wang Y., Liu X., Li F., Zhang G., Li X. (2011). Heavy Metal Contamination in Soils and Vegetables Near an E-Waste Processing Site, South China. *Journal of Hazardous Materials*, **186**(1): 481-490.
- Luo Q., Minghung W., Zongwei C. (2007). Determination of Polybrominated Diphenyl Ethers in Freshwater Fishes from a River Polluted by E-Wastes. *Talanta*, **72**(5): 1644-1649.
- MA (Millennium ecosystem Assessment) (2005). *Ecosystems and Human Well-being: Biodiversity Synthesis*. World Resources Institute, Washington, DC, 100p. <http://www.millenniumassessment.org/documents/document.354.aspx.pdf> <http://www.greenfacts.org/fr/biodiversite/index.htm> (Rapport en français allégé) Dernière consultation le 27 août 2012.
- Malmodin J., Lundén D., Lövehagen N. (2010). Methodology for Life Cycle Based Assessments of the CO₂ Reduction Potential of ICT Services. *Proceedings of the 2010 IEEE International Symposium on Sustainable Systems and Technology (ISSST)*, 1-6.
- Manier B. (2011). L'eau en Inde, un enjeu social et géopolitique. *Le Monde diplomatique*. <http://blog.mondediplo.net/2010-02-01-L-eau-en-Inde-un-enjeu-social-etgeopolitique> Dernière consultation le 27 août 2012.
- Marquet D., Aubree M., Frangi J.P., Chavanne X. (2009). Scientific Methodology for Telecom Services Energy Consumption and CO₂ Emission Assessment Including Negative and Positive Impacts. *4th International Conference on Telecommunication - Energy Special Conference (TELESCON)*: 1-14.
- Marwah M., Maciel P., Shah A., Sharma R., Christian T., Almeiad V., Araujo C., Souza E., Callou G., Silva B., Galdino S., Pires J. (2010). Quantifying the Sustainability Impact of Data Center Availability. *ACM SIGMETRICS Performance Evaluation Review*, **37**(4): 64-68.
- Mason R.S. (1981). *Conspicuous Consumption: A Study of Exceptional Consumer Behaviour*. Gower, Westmead, 156p.

- Mazoyer F. (2008). Consommateurs sous influence : L'irrésistible perversion du besoin. *Manière de voir*, **96**: 52-55.
- Mazurek J. (1999). *Making Microchips, Policy, Globalization, and Economic Restructuring in the Semiconductor Industry*. MIT Press, Cambridge, 53p.
- McDonough W., Braungart M. (2011). *Cradle to Cradle: Créer et Recycler à l'Infini*. Editions Alternatives, Paris, 230p.
- Méli B. (2011). Un million de tablettes vendues en France cette année. *LeJournalduNet*, **3 octobre**
<http://www.journaldunet.com/ebusiness/internetmobile/marchetablettes/tablettes-en-france.shtml> Dernière consultation le 27 août 2012.
- Menad N., Björkman B., Allain E. G. (1998). Combustion of Plastics Contained in Electric and Electronic Scrap. *Resources, Conservation and Recycling*, **24**(1): 65-85.
- Menaud J.M., Lèbre A., Ledoux T., Noyé J., Cointe P., Douence R., Südhot M. (2010). Vers une réification de l'énergie dans le domaine du logiciel. *Actes des journées du GDR Génie de la Programmation et du Logiciel*, France.
- Meza J., Shih R., Shah A., Ranganathan P., Jichuan C., Bash C. (2010). Lifecycle-Based Data Center Design. *Proceedings of the ASME International Mechanical Engineering Congress and Exposition*, 10p.
<http://www.hpl.hp.com/techreports/2010/HPL-2010-117.html> Dernière consultation le 27 août 2012.
- Millet D. (2003). *Intégration de l'environnement en conception : l'entreprise et le développement durable*. Lavoisier, Paris, 250p.
- Mineral Information Institute. Mineral Photos – Tantalum.
<http://www.mii.org/Minerals/phototant.html> Dernière consultation le 27 août 2012.
- Minor Metals Trade Association, Minor Metals in the Periodic Table.
<http://www.mmta.co.uk/metals/Ga/> Dernière consultation le 27 août 2012.
- Mitre O., Werner M., Greif H. (2010). Sustainability ICT Visions and Their Embedding in Technology. *Information, Communication and Society*, **13**(1): 48-67.
- Moberg Å., Johansson M., Finnveden G., Jonsson A. (2010). Printed and Tablet E-Paper Newspaper from an Environmental Perspective: A Screening Life Cycle Assessment. *Environmental Impact Assessment Review*, **30**(3), 177-191.
- Mohite S., Hong-Chao Z. (2005). Disassembly Analysis, Material Composition Analysis and Environmental Impact Analysis for Computer Drives. *Proceedings of the 2005 IEEE International Symposium on Electronics and the Environment*, 215-220.
- Mokhtarian P. (2003). Telecommunications and Travel: The Case for Complementarity. *Journal of Industrial Ecology*, **6**(2): 43-57.
- Moltó J., Egea S., Conesa J.A., Font R. (2011). Thermal Decomposition of Electronic Wastes: Mobile Phone Case and Other Parts. *Waste Management*, **31**: 2546-2552.
- Monteiro M., Moreira D., Chinelatto M., Nascente P., Alcântara N. (2007). Characterization and Recycling of Polymeric Components Present in Cell Phones. *Journal of Polymers and the Environment*, **15**: 195–9.

- Morf L.S., Tremp J., Gloor R., Huber Y., Stengele M., Zennegg M. (2005). Brominated Flame Retardants in Waste Electrical and Electronic Equipment: Substance Flows in a Recycling Plant. *Environmental Science and Technology*, **39**: 8691-8699.
- Muenhor D., Harrad S., Ali N., Covaci A. (2010). Brominated Flame Retardants (BFRs) in Air and Dust from Electronic Waste Storage Facilities in Thailand. *Environment International*, **36**(7): 690-698.
- Nakayama S., Strynar M.J., Helfant L., Egeghy P., Ye X., Lindstrom A.B. (2007). Perfluorinated Compounds in the Cape Fear Drainage Basin in North Carolina. *Environmental Science and Technology*, **41**: 5271 – 5276.
- Naumann S., Dick M., Kern E., Johann T. (2011). The GREENSOFT Model: A Reference Model for Green and Sustainable Software and its Engineering, *Sustainable Computing: Informatics and Systems*, **1**(4): 294-304.
- Neary, D.G., Ice G.G., Jackson C.R. (2009). Linkages Between Forest Soils and Water Quantity and Quality. *Forest Ecology and Management*, **258**: 2269-2281.
- Nnorom I., Osibanjo O. (2009). Toxicity Characterization of Waste Mobile Phone Plastics. *Journal of Hazardous Materials*, **161**: 183-188.
- Nnorom I., Osibanjo O., Ogwuegbua M. (2011). Global Disposal Strategies for Waste Cathode Ray Tubes. *Resources, Conservation and Recycling*, **55**: 275-290.
- Noualhat L. (2010). La vitesse réduit le monde à rien. *Libération*, **3 juillet**.
- OCDE (2003). *Orientations techniques pour la gestion écologique des flux de déchets : ordinateurs personnels usagés et mis au rebut*. Direction de l'environnement, 22p. [http://www.oecd.org/officialdocuments/displaydocumentpdf?cote=ENV/EPOC/WG_WPR\(2001\)3/FINAL&doclanguage=fr](http://www.oecd.org/officialdocuments/displaydocumentpdf?cote=ENV/EPOC/WG_WPR(2001)3/FINAL&doclanguage=fr) Dernière consultation le 30 août 2012.
- OCDE (2008). *Perspectives de l'environnement de l'OCDE à l'horizon 2030*. Éditions de l'OCDE.
- OCDE (2010). Consommation d'eau, *Panorama des statistiques de l'OCDE 2010 : Économie, Environnement et Société*. Éditions OCDE, 166-167 http://www.oecd-ilibrary.org/docserver/download/fulltext/3010062ec061.pdf?expires=1346921276&id=id&accname=freeContent&checksum=A18F9199E71C3E7660A1AEEFED46115_2 Dernière consultation le 27 août 2012.
- 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**(9–10): 2150-2160.
- Olomukoro J.O., Azubuike C.N. (2009). Heavy Metals and Macroinvertebrate in Bottom Sediment of Ekpan, Nigeria. *Journal of Biological Sciences*, **2**(1): 301-314.
- Orange R. (2011). Facebook to build server farm on edge of Arctic Circle. *The Telegraph*, **26 octobre** <http://www.telegraph.co.uk/technology/facebook/8850575/Facebook-to-build-server-farm-on-edge-of-Arctic-Circle.html> Dernière consultation le 27 août 2012.
- Ord J., DiCorcia T. (2005). *Life Cycle Inventory for an Inkjet Printer*. ME 589 EcoDesign and Manufacturing, University of Michigan, USA, 42p. <http://www.engin.umich.edu/labs/EAST/me589/gallery/f05/inkjet.pdf> Dernière consultation le 05 septembre 2012.

- Organisation des Nations Unies pour l'alimentation et l'agriculture (2010). *Évaluation des Ressources Forestières Mondiales – Rapport Principal*. FAO Forestry Department, Rome, Étude FAO, forêts **163**: 348p.
<http://www.fao.org/docrep/013/i1757f/i1757f.pdf> Dernière consultation le 27 août 2012.
- Osako M., Kim Y.J., Sakai S. (2004). Leaching of Brominated Flame Retardants in Leachate from Landfills in Japan. *Chemosphere*, **57**(10): 1571-1579.
- Osibanjo O., Nnorom I.C. (2008). Material Flows of Mobile Phones and Accessories in Nigeria: Environmental Implications and Sound End-of-Life Management Options. *Environmental Impact Assessment Review*, **28**: 198-213.
- Pan K., Wang W.X. (2011). Trace Metal Contamination in Estuarine and Coastal Environments in China. *Science of the Total Environment*, **421-422**: 3-16.
- Park P.J. Lee K.M., Wimmer W. (2006). Development of an Environmental Assessment Method for Consumer Electronics by combining Top-down and Bottom-up Approaches. *The International Journal of Life Cycle Assessment*, **11**(4): 254-264.
- Parlement Européen (2002). *Rapport Final A5-0438/2002 du 5 décembre 2002 (5^{ème} législature) de la Commission de l'environnement, de la santé publique et de la politique des consommateurs du Parlement Européen sur les projets communs de directives DEEE et RoHS*. <http://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//NONSGML+REPORT+A5-2002-0438+0+DOC+PDF+V0//FR>
Dernière consultation le 27 août 2012.
- Pathak A., Hu H.C., Zhang M. (2012). Where is the energy spent inside my app ? Fine Grained Energy Accounting on Smartphones with Eprof. *EuroSys '12*, 10–13 Avril, Bern, Suisse, 14p. <http://research.microsoft.com/en-us/people/mzh/eurosys-2012.pdf>
Dernière consultation 27 août 2012.
- Pettey C. (2007). *Gartner Estimates ICT Industry Accounts for 2 Percent of Global CO₂ Emissions*. <http://www.gartner.com/it/page.jsp?id=503867> Dernière consultation le 27 août 2012.
- Pfeifer J. (2012). *Measuring Sustainability: A Data Model for Tracking the Corporate Carbon Footprint*. Mémoire de fin d'études, University of Applied Sciences, Darmstadt, Allemagne.
- Philippot O. (2012). *Green Pattern : Manuel d'Éco-Conception des Logiciels*. Green Code Lab, 300p.
- Planetoscope (2012). *Nombre de cartouches laser et jet d'encre utilisées en Europe*. <http://www.planetoscope.com/electronique/734-nombre-de-cartouches-laser-et-jet-d-encre-utilisees-en-europe.html> Dernière consultation le 2 août 2012.
- Plepys A. (2002). The grey side of ICT. *Environmental Impact Assessment Review*, **22**(5): 509-523.
- Plouffe S., Lanoie P., Berneman C., Vernier M.F. (2011). Economic Benefits Tied to Ecodesign. *Journal of Cleaner Production*, **19**(6–7): 573-579.
- Plumbelle J.M., Klotz L.E. (2010). Incorporating Resilience Into Life Cycle Assessments. *Proceedings of the 2010 IEEE International Symposium on Sustainable Systems and Technology (ISSST)*, 1.

- Poll C., Vogt-Nielsen K., Rubik F., Sogaard Jorgense M., Lise Jensen M. (2005). *Development of Indicators for an Integrated Product Policy*. European Commission., 330p. http://ec.europa.eu/environment/ipp/pdf/eu_incindicators_ipp_final_rep.pdf Dernière consultation le 27 août 2012
- Pollock D., Coulon R. (1996). Life Cycle Assessment: Of an Inkjet Print Cartridge. *Proceedings of the 1996 IEEE International Symposium on Electronics and the Environment*, 154-160.
- Porter M.E., Kramer M.R. (2011). Creating Shared Value. *Harvard Business Review*, **89**(1/2): 62-77.
- Puckett J., Smith T. (2002). *Exporting Harm: The High-Tech Trashing of Asia*. The Basel Action Network, The Silicon Valley Toxics Coalition, 54p. <http://www.ban.org/E-waste/technottrashfinalcomp.pdf> Dernière consultation le 30 août 2012.
- Puckett J., Westervelt S., Gutierrez R., Takamiya Y. (2005). *The Digital Dump: Exporting Re-Use and Abuse to Africa*. The Basel Action Network, 85p. <http://www.ban.org/library/TheDigitalDump.pdf> Dernière consultation le 30 août 2012.
- Puyou J.B. (1999). *Démarche d'Écoconception en Entreprise. G6050*. Traité de Génie Industriel. Techniques de l'Ingénieur, Paris, 15p.
- Qu F., Kuyvenhoven A., Shi X., Heerink N. (2011). Sustainable Natural Resource Use in Rural China: Recent Trends and Policies. *China Economic Review*, **22**: 444-460.
- Reclus E. (1995). *Histoire d'un ruisseau*. Actes Sud, Arles, 217p.
- Recycling International (2010). Research confirms Collection of LCD Displays Could Lead to Mercury Vapours. News of Recycling international, **29 January** <http://www.recyclinginternational.com/recycling-news/2010/research-and-legislation/netherlands/research-confirms-collection-lcd-displays-could-lead-mercury-vapours> Dernière consultation le 30 août 2012.
- Ridoutt B.G., Pfister S. (2010). A Revised Approach to Water Footprinting to Make Transparent the Impacts of Consumption and Production on Global Freshwater Scarcity. *Global Environmental Change - Human and Policy Dimensions*, **20** : 113–120.
- Rifkin J. (2011). *Une nouvelle conscience pour un monde en crise. Vers une civilisation de l'empathie*. Les Liens qui Libèrent, Paris, 656p.
- Rijsberman F.R. (2006). Water Scarcity: Fact or Fiction? *Agricultural Water Management*, **80**: 5–22.
- Robinson B.H. (2009). E-Waste: An Assessment of Global Production and Environmental Impacts. *Science of the Total Environment*, **408**: 183-191.
- Rodhain F., Fallery B. (2010). Après la Prise de Conscience Écologique, les TIC en quête de responsabilité sociale, *Actes du 15^{ème} colloque de l'AIM*, La Rochelle, 19-21 mai, 28p. <http://www.cregor.net/membres/fallery/travaux/pdfs/C-Documents%20and%20Settings-Flo-Mes%20documents-Bernard-Travaux-2010%20AIM%20Rodhain%20Fallery%20.pdf> Dernière consultation le 05 septembre 2012.

- Romo L. (2009). L'addiction aux achats. *Les addictions comportementales : Aspects cliniques et psychopathologiques*, Isabelle Varescon, Mardaga, Wavre, 19-48.
- Rosa H. (2010). *Accélération : Une critique sociale du temps*. La Découverte, Paris, 480p.
- Ruellan A. (2011). *Des sols et des hommes. Un lien menacé*. IRD Éditions, Montpellier, 105p.
- Ruellan A., Dosso M., (1993). *Regards sur le sol*. Éditions Foucher et Aupelf, Paris, 192p (complément de 63 pages en 1998).
- Saint-Gratien C. (2010). *LeMonde.fr Publie son Bilan Carbone : Surprenant*. GreenIT, 17 Août <http://www.greenit.fr/article/bonnes-pratiques/lemondefr-publie-son-bilan-carbone-surprenant-3062> Dernière consultation le 27 août 2012.
- Saito N., Sasaki K., Nakatome K., Harada K., Yoshinaga T., Koizumi A. (2003). Perfluorooctane Sulfonate Concentrations in Surface Water in Japan. *Archives of Environmental Contamination and Toxicology*, **45**: 149–158.
- Salençon J. (2011). Énergie : Comment Répondre à une Demande Croissante. *Actualité du site Le Figaro.fr rubrique Sciences*, 17 octobre <http://www.lefigaro.fr/sciences/2011/10/14/01008-20111014ARTFIG00578-energie-comment-repondre-a-une-demande-croissante.php> Dernière consultation le 27 août 2012.
- Salmon C. (2007). *Storytelling : La machine à fabriquer des histoires et à formater les esprits*. La Découverte, Paris, 239p.
- Salmon J.-M. (2000). *Un monde à grande vitesse*. Seuil, Paris, 256p.
- San Miguel R. (2009). *Harvard Physicist Sets Record Straight on Internet Carbon Study*. Technewsworld, 01 Décembre <http://www.technewsworld.com/story/Harvard-Prof-Sets-Record-Straight-on-Internet-Carbon-Study-65794.html> Dernière consultation le 27 août 2012.
- Sander K., Schilling S. (2010). *Transboundary Shipment of Waste Electrical and Electronic Equipment / Electronic Scrap – Optimization of Material Flows and Control*. Federal Environment Agency (Umweltbundesamt), 158p. http://archive.basel.int/techmatters/e_wastes/germany-report-18May2010.pdf Dernière consultation le 30 août 2012.
- Saniere A., Serbutoviez S. (2011). *Panorama 2011 : Exploration-Production : Activités et Marchés*. Note de Synthèse rédigée par des experts d'IFP Énergies nouvelles, Rueil-Malmaison, 6p. http://www.ifpenergiesnouvelles.fr/content/download/70591/1513702/version/3/file/Panorama2011_01-VF_Exploration-Production.pdf Dernière consultation le 31 août 2012.
- Satake K., Oishi S. (1998). LCA for Electronic Products. A Case Study for CD-ROM Drives. *Proceedings of the 1998 IEEE International Symposium on Electronics and the Environment*, 176-179.
- Scharnhorst W. (2008). Life Cycle Assessment in the Telecommunication Industry: A Review. *The International Journal of Life Cycle Assessment*, **13**(1): 75-86.

- Scharnhorst W., Althaus H.J., Hilty L.M., Jolliet O. (2005a). Environmental Assessment of End-of-Life Treatment Options for an GSM 900 Antenna Rack. *The International Journal of Life Cycle Assessment*, **11**(6): 425-436.
- Scharnhorst W., Althaus H.J., Classen M., Jolliet, O., Hilty L.M. (2005b). The End-of-Life Treatment of Second Generation Mobile Phone Networks: Strategies to Reduce the Environmental Impact. *Environmental Impact Assessment Review*, **25**(5): 540–566.
- Scharnhorst W., Hilty L.M., Jolliet O. (2006). Life Cycle Assessment of Second Generation (2G) and Third Generation (3G) Mobile Phone Networks. *Environment International*, **32**(5): 656-675.
- Schluep M., Hagelueken C., Kuehr R., Magalini F., Maurer C., Meskers C., Mueller E., Wang F. (2009). *Recycling from E-Waste to Resources*. PNUE, 120p. http://ewasteguide.info/files/UNEP_2009_eW2R.PDF Dernière consultation le 30 août 2012.
- Senthilkumar K., Ohi E., Sajwan K., Takasuga T., Kannan K. (2007). Perfluorinated Compounds in River Water, River Sediment, Market Fish, and Wildlife Samples From Japan. *Bulletin of Environmental Contamination and Toxicology*, **79**: 427-431.
- Seppälä R., Buck A., Katila P. (2009). *Adaptation of Forests and People to Climate Change. A Global Assessment Report*. IUFRO World Series, **22**, 224p. http://www.iufro.org/download/file/4485/4496/Full_Report_pdf/ Dernière consultation le 27 août 2012.
- Sepulveda A., Schluep M., Renaud F.G., Streicher M., Kuehr R., Hagelüken C., Gerecke A.C. (2010). A Review of the Environmental Fate and Effects of Hazardous Substances Release from Electrical and Electronic Equipment During Recycling: Examples from China and India. *Environmental Impact Assessment Review*, **30**: 28-41.
- She J., Petreas M., Winkler J., Visita P., McKinney M., Kopec D. (2002). PBDEs in the San Francisco Bay Area: Measurements in Harbor Seal Blubber and Human Breast Adipose Tissue. *Chemosphere*, **46**: 697-707.
- She J., She Y., Song W. (2010). Comparison of PBDE Congener Profiles and Concentration Levels in Human Specimens from China and the US and Identification of Human Exposure Sources. *Science China Chemistry*, **53**(5): 995-1002.
- Shiva V. (2002). *Water Wars: Privatization, Pollution, and Profit*. South End Press, Cambridge, 158p.
- Sikdar B. (2011). Environmental Impact of IEEE 802.11 Access Points: A Case Study. *ACM SIGMETRICS Performance Evaluation Review*, **38**(3): 66-70.
- Silicon Valley Toxics Coalition (2011). *Nanotechnologies in Electronics: the Risks to Humans and the Environment*. SVTC, San Jose, 16p. <http://svtc.org/our-work/nano/> Dernière consultation le 27 août 2012.
- Simanovska J, Steina M., Valters K., Bazbauers G. (2009). The Environmental Impacts of a Desktop Computer: Influence of Choice of Functional Unit, System Boundary And User Behaviour. *Environmental and climate technologies*, **3**(3): 111-118.
- Simonin L. (1867). *La vie souterraine*. Hachette, Paris, 335p.

- Singhal P. (2005). *Integrated Product Policy Pilot Project: Final report- LCA issues of mobile phones*. NOKIA, 87p.
http://ec.europa.eu/environment/ipp/pdf/nokia_mobile_05_04.pdf Dernière consultation le 27 août 2012.
- Skutlarek D., Exner M., Farber H. (2006). Perfluorinated Surfactants in Surface And Drinking Waters. *Environmental Science and Pollution Research*, **13**: 299-307.
- Slade G. (2006). *Made to Break: Technology and Obsolescence in America*. Harvard University Press, Cambridge, 336p.
- Snegaroff C. (2011). *Plus de 90% des forêts tropicales "mal gérées, voire pas du tout"*. AFP, **7 juin**.
<http://www.google.com/hostednews/afp/article/ALeqM5gPv5VT7Dor6VoytuIoQwqclGFG5Q?docId=CNG.a0b3fa7d0b116e606934ce1926a4a9fd.401> Dernière consultation le 27 août 2012.
- So M.K., Miyake Y., Yeung W.Y., Ho Y.M., Taniyasu S., Rostkowski P., Yamashita N., Zhou B.S., Shi X.J., Wang J.X., Giesy J.P., Yu H., Lam P.K.S. (2007). Perfluorinated Compounds in the Pearl River and Yangtze River of China. *Chemosphere*, **68**: 2085-2095.
- Socolof M.L., Overly J.G., Kincaid L.E., Singh D., Hart K. (2000). Preliminary Life-Cycle Assessment Results for the Design for the Environment Computer Display Project. *Proceedings of the 2000 IEEE International Symposium on Electronics and the Environment*, 290-297.
- Socolof M.L., Overly J.G., Kincaid L.E., Dhingra R., Singh D., Hart K.M. (2001). Life-Cycle Environmental Impacts of CRT and LCD Desktop Monitors. *Proceedings of the 2001 IEEE International Symposium on Electronics and the Environment*, 119-127.
- Socolof M.L., Overly J.G., Geibig J.R. (2005). Environmental Life-Cycle Impacts of CRT and LCD Desktop Computer Displays. *Journal of Cleaner Production*, **13**(13-14): 1281-1294.
- Sorrell S. (2009). Jevons' Paradox revisited: The evidence for backfire from improved energy efficiency. *Energy Policy*, **37**(4): 1456-1469.
- Spalvins E., Dubey B., Townsend T. (2008). Impact of Electronic Waste Disposal on Lead Concentrations in Landfill Leachate. *Environmental Science and Technology*, **42**: 7452-7458.
- Steckling N., Boese-O'Reilly S., Gradel C., Gutschmidt K., Shinee E., Altangerel E., Badrakh B., Bonduush I., Surenjav U., Ferstl P., Roider G., Sakamoto M., Sepai O., Drasch G., Lettmeier B., Morton J., Jones K., Siebert U., Hornberg C. (2011). Mercury exposure in female artisanal small-scale gold miners (ASGM) in Mongolia: An analysis of human biomonitoring (HBM) data from 2008. *Science of The Total Environment*, **409**(5): 994-1000.
- Stengel P., Gelin S. (1998). *Sol, interface fragile*. INRA Quae, Versailles, 222p.
- Stevens G.C., Goosey M. (2009). Materials Used in Manufacturing Electrical and Electronic Products. *Electronic Waste Management*, **27**: 40-74.
- Stiegler B. (2008a). *La télécratie contre la démocratie : Lettre ouverte aux représentants politiques*. Flammarion, Paris, 270p.

- Stiegler B. (2008b). Le désir asphyxié, ou comment l'industrie culturelle détruit l'individu. *Manière de voir*, **96**: 10-15.
- Stiegler B. (2008c). *Prendre Soin : Tome 1, De la jeunesse et des générations*. Flammarion, Paris, 342p.
- Stiegler B. (2008d). *Économie de l'hypermatériel et psychopouvoir : entretiens avec Philippe Petit et Vincent Bontems*. Mille et une nuits, Paris, 130p.
- SUVA (2009). *Risques pour la Santé des Imprimantes Laser, des Photocopieuses et du Toner*. Division médecine du travail, Division sécurité au travail secteur chimie, 10p.
- Taiariol F., Papizza C., Cerioni S., Cultrera S., Antonetti M. (1999). Environmental Impact and End-of-Life Management of Telephone Exchange Equipment. *Proceedings of the 1999 IEEE International Symposium on Electronics and the Environment*, 64-69.
- Taiariol F., Fea P., Papizza C., Casalino R., Galbiati E., Zappa S. (2001). Life cycle assessment of an integrated circuit product. *Proceedings of the 2001 IEEE International Symposium on Electronics and the Environment*, 128-133.
- Taina J. (2010). How Green Is Your Software? *Software Business (Proceedings ICSOB conference)*, **51**: 151-162.
- Taina J. (2011). Good, Bad, and Beautiful Software - In Search of Green Software Quality Factors. *CEPIS UPGRADE*, **XII**(4): 22-27.
- Takarina N.D., Adiwibowo A. (2011). Impact of heavy metals contamination on the biodiversity of marine benthic organisms in Jakarta bay. *Journal of Coastal Development*, **14**: 168-171.
- Takazawa Y., Nishino T., Sasaki Y., Yamashita H., Suzuki N., Tanabe K., Shibata Y. (2009). Occurrence and Distribution of Perfluorooctane Sulfonate and Perfluorooctanoic Acid in the Rivers of Tokyo. *Water, Air, and Soil Pollution*, **202**: 57-67.
- Tan R.R. (2008). Using Fuzzy Numbers to Propagate Uncertainty in Matrix-Based LCI. *The International Journal of Life Cycle Assessment*, **13**: 585-592.
- Teehan P., Kandlikar M. (2012). Sources of Variation in Life Cycle Assessments of Desktop Computer. *Journal of Industrial Ecology*, **16**(1): 182-194.
- Tekwawa M., Miyamoto S., Inaba A. (1997). Life Cycle Assessment: An Approach to Environmentally Friendly PCs. *Proceedings of the 1997 IEEE International Symposium on Electronics and the Environment*, 125-130.
- TerraChoice (2010). *Les Péchés De Mascarade Écologique-* Edition familiale 2010- Rapport sur les prétentions environnementales dans les marché de consommation nord-américains, 31p.
- Tewari P.K., Batra V.S., Balakrishnan M. (2009). Efficient Water Use in Industries: Cases from the Indian Agro-based Pulp and Paper Mills. *Journal of Environmental Management*, **90**: 265-273.
- The Green Grid (2007). *Green Grid Metrics: Describing Data Center Power Efficiency*. The Green Grid, Technical Committee White Paper, 8p. http://www.thegreengrid.org/~media/WhitePapers/Green_Grid_Metrics_WP.pdf?lang=en Dernière consultation le 27 août 2012.

- Thollier K., Jansen B. (2008). Reducing Life Cycle Impacts of Housing and Computers in Relation With Paper. *Journal of Cleaner Production*, **16**(7): 790-800.
- Thomas C.D., Cameron A., Green R.E., Bakkenes M., Beaumont L.J., Collingham Y.C., Erasmus B.F.N., Ferreira de Siqueira M., Grainger A., Hannah L., Hughes L., Huntley B., Van Jaarsveld A.S., Midgely G.E., Miles L., Ortega-Huerta M.A., Peterson A.T., Phillips O.L., Williams S.E. (2004). Extinction Risk From Climate Change. *Nature*, **427**:145-148.
- Tir J., Stinnett D. (2012). Weathering Climate Change: Can Institutions Mitigate International Water Conflict? *Journal of Peace Research*, **49**: 211-225.
- Tissari J. (2011). *Highlights on paper and paperboard: 1999 – 2009 (Newsprint, printing & writing, household & sanitary, wrapping & packaging paper and paperboard, other paper and paperboard n.e.s.)*. FAO Forestry Department, FAOSTAT - ForesSTAT, 5p.
http://faostat.fao.org/Portals/_Faostat/documents/pdf/Paper%20and%20paperboard.pdf Dernière consultation le 27 août 2012.
- Toffel M.W., Horvath A. (2004). Environmental Implications of Wireless Technologies: News Delivery and Business Meetings. *Environmental Science and Technology*, **38**(11): 2961-2970.
- Tolle D., Evers D., Vigon B., Sheehan J. (2000). Streamlined LCA of soy-based ink printing. *The International Journal of Life Cycle Assessment*, **5**(6): 374-384.
- Toms L., Mueller J., Mortimer M., Symons R., Stevenson G., Gaus C. (2006). *Assessment of Concentrations of Polybrominated Diphenyl Ether Flame Retardants in Aquatic Environments in Australia*. Government Department of the Environment and Heritage, Canberra, 69p.
<http://www.environment.gov.au/settlements/publications/chemicals/bfr/pubs/bfr-aquatic.pdf> Dernière consultation le 27 août 2012.
- Townsend T.G., Vann K., Mutha S., Pearson B., Jang Y.C., Musson S., Jordan A. (2004). *RCRA Toxicity Characterization of Computer CPUs and Other Discarded Electronic Devices*. Department of Environmental Engineering Sciences University of Florida, 79p.
<http://www.ees.ufl.edu/homepp/townsend/Research/ElectronicLeaching/UF%20EWaste%20TC%20Report%20July%2004%20v1.pdf> Dernière consultation le 30 août 2012.
- Tsydenova O., Bengtsson M. (2011). Chemical Hazards Associated with Treatment of Waste Electrical and Electronic Equipment. *Waste Management*, **31**: 45-58.
- Tue N.M., Sudaryanto A., Binh Minh T., Isobe T., Takahashi S., Hung Viet P., Tanabe S. (2010). Accumulation of Polychlorinated Biphenyls and Brominated Flame Retardants in Breast Milk From Women Living in Vietnamese E-Waste Recycling Sites. *Science of The Total Environment*, **408**(9): 2155-2162.
- Ueno T., Shiino T., Onishi H. (1999). Evaluation of Electronic Components in Life Cycle Assessment. *Journal of Material Cycles and Waste Management*, **1**(1): 25-32.
- UN Water (2012). *Statistics : Graphs & Maps : Water Resources*. Nations Unies.
http://www.unwater.org/statistics_res.html Dernière consultation le 27 août 2012.
- UNCTAD (2011). *In wake of financial crisis, Asia's share of global ICT exports surges to record high*. UNCTAD Press, 02 Février

<http://archive.unctad.org/Templates/webflyer.asp?docid=14417&intItemID=5803&lang=1> Dernière consultation le 27 août 2012.

UNEP (2005). Les Déchets Électroniques, la face cachée de l'ascension des technologies de l'information et des communications. *Bulletin d'Alerte Environnementale*, 5
http://www.grid.unep.ch/products/3_Reports/ew_ewaste.fr.pdf Dernière consultation le 30 août 2012.

UNEP (2010a). *Metal Stocks in Society - Scientific Synthesis*. *Metal Stocks in Society - Scientific Synthesis*, A report of the Working Group on the Global Metal Flows to the International Panel for Sustainable Resource Management. Graedel T.E., Dubreuil A., Gerst M., Hashimoto S., Moriguchi Y., Müller D., Pena C., Rauch J., Sinkala T., Sonnemann G., UNEP, 52p.
<http://www.unep.org/resourcepanel/Portals/24102/PDFs/Metalstocksinsociety.pdf>
Dernière consultation le 27 août 2012.

UNEP (2010b). *UNEP Emerging Issues: Environmental Consequences of Ocean Acidification: A Threat to Food Security*. UNEP, Division of Early Warning Assessment, 12p. http://www.unep.org/dewa/Portals/67/pdf/Ocean_Acidification.pdf
Dernière consultation le 05 septembre 2012.

UNEP (2011a). *Decoupling Natural Resource Use and Environmental Impacts from Economic Growth*, A Report of the Working Group on Decoupling to the International Resource Panel. Fischer-Kowalski M., Swilling M., von Weizsäcker E.U., Ren Y., Moriguchi Y., Crane W., Krausmann F., Eisenmenger N., Giljum S., Hennicke P., Romero Lankao P., Siriban Manalang A., Sewerin S. UNEP, 174p.
http://www.unep.org/resourcepanel/decoupling/files/pdf/decoupling_report_english.pdf Dernière consultation le 27 août 2012

UNEP (2011b). *Recycling Rates of Metal – A Status Report*, A Report of the Working Group on the Global Metal Flows to the International Resource Panel. Graedel T.E., Allwood J., Birat J.-P., Reck B.K., Sibley S. F., Sonnemann G., Buchert M., Hagelüken, C. UNEP, 48p.
http://www.unep.org/resourcepanel/Portals/24102/PDFs/Metals_Recycling_Rates_11_0412-1.pdf Dernière consultation le 27 août 2012.

UNESCO (2006). *Non-Renewable Groundwater Resources – A Guidebook on Socially-sustainable Management for Water-policy Makers*. United Nations Educational, Scientific and Cultural Organization, 97p.
<http://unesdoc.unesco.org/images/0014/001469/146997e.pdf> Dernière consultation le 27 août 2012.

US EPA (2002). *Life-Cycle Assessment of Desktop Computer Displays: Summary of Results*.
<http://www.epa.gov/dfe/pubs/comp-dic/lca-sum/> Dernière consultation le 27 août 2012.

US EPA (2007). *Report to Congress on Server and Data Center Energy Efficiency- Public Law 109-431*. 13p.
http://www.energystar.gov/ia/partners/prod_development/downloads/EPA_Report_Exec_Summary_Final.pdf

US EPA (2009). *Municipal Solid Waste Generation, Recycling, and Disposal in the United States. Detailed Tables and Figures for 2008*. US EPA, Office of Resource Conservation and Recovery, 58p.

- <http://www.epa.gov/osw/nonhaz/municipal/pubs/msw2008data.pdf> Dernière consultation le 30 août 2012.
- US EPA (2010). *Municipal Solid Waste in the United States. Facts and Figures*. US EPA, Office of Solid Waste, 198p.
<http://www.epa.gov/osw/nonhaz/municipal/pubs/msw2009rpt.pdf> Dernière consultation le 30 août 2012.
- US EPA (2011). *Electronics Waste Management in the United States Through 2009*. US EPA, Office of Resource Conservation and Recovery, 49p.
<http://www.epa.gov/epawaste/conserve/materials/ecycling/docs/fullbaselinereport2011.pdf> Dernière consultation le 30 août 2012.
- U.S. Geological Survey (2009). *Mineral commodity summaries 2009: U.S. Geological Survey*. United States Government Printing Office, Washington, 195p.
<http://minerals.usgs.gov/minerals/pubs/mcs/2009/mcsapp2009.pdf> Dernière consultation le 27 août 2012.
- Veblen T. (1970). *Théorie de la classe de loisir*. Gallimard, Paris, 259p.
- Verones F., Hanafiah M.M., Pfister S., Huijbregts M.A.J., Pelletier G.J., Koehler A. (2010). Characterization Factors for Thermal Pollution in Freshwater Aquatic Environments. *Environmental Science and Technology*, **44**(24): 9364-9369.
- Vijayaraghavan A. (2012). *Amazon's Kindle Reports Biggest Sales Ever, But How Green Is It?* TriplePundit, 9 Janvier <http://www.triplepundit.com/2012/01/amazons-kindle-reports-biggest-sales-green> Dernière consultation le 27 août 2012.
- Wackernagel M. (1994). *Ecological Footprint and Appropriated Carrying Capacity: A Tool for Planning Toward Sustainability*. PhD, School of Community and Regional Planning, The University of British Columbia, Vancouver, 357p.
<http://hdl.handle.net/2429/7132> Dernière consultation le 05 septembre 2012.
- Wäger P., Schluerp M., Müller E. (2010). *RoHS Substances in Mixed Plastics from Waste Electrical and Electronic Equipment*. Swiss Federal Laboratories for Materials Science and Technology (Empa), 113p.
http://ewasteguide.info/files/Waeger_2010_Empa-WEEEForum.pdf Dernière consultation le 30 août 2012.
- Walther G.R., Post E., Convey P., Menzel A., Parmesan C., Beebee T.J.C., Fromentin J.M., Hoegh-Guldberg O., Bairlein F. (2002). Ecological Responses to Recent Climate Change. *Nature*, **416**, 389–395.
- Wang Y., Luo C., Li J., Yin H., Li X., Zhang G. (2011). Characterization of PBDEs in Soils and Vegetations Near an E-Waste Recycling Site in South China. *Environmental Pollution*, **159**(10):2443-2448.
- Wanger T. C. (2011). The Lithium future—resources, recycling, and the environment. *Conservation Letters*, **4**(3): 202-206.
- Warren M.S., Hill J.K., Thomas J.A., Asher J., Fox R., Huntley B., Roy D.B., Telfer M.G., Jeffcoate S., Harding P., Jeffcoate G., Willis S.G., Greatorex-Davies J.N., Moss D., Thomas C.D. (2001). Rapid Responses of British Butterflies to Opposing Forces of Climate and Habitat Change. *Nature*, **414**: 65–69.
- Weber C.L., Scott Matthews H., Corbett J.J., Williams E.D. (2007). Carbon Emissions Embodied in the Importation, Transport, and Retail of Electronics in the U.S.: A

- Growing Global Issue. Proceedings of the 2007 IEEE *International Symposium on Electronics and the Environment*, 174-179.
- Weber J., Parrish M. (1992). *Implications of IBM Study on Miscarriages*. Times, Los Angeles Times, **13 octobre**.
- Weidema B., Wesnaes M.S. (1996). Data Quality Management for Life Cycle Inventories – An Example of Using Data Quality Indicators. *Journal of Cleaner Production*, **4** (3-4):167-174.
- Weis J., Auner N. (2003). *Organosilicon Chemistry V : From Molecules to Materials*. Wiley-VCH, Weinheim, 838p.
- Wienold J., Recknagel S., Scharf H., Hoppe M., Matthias M. (2011). Elemental Analysis of Printed Circuit Boards Considering the RoHS Regulations. *Waste Management*, **31**(3): 530-535.
- Williams A.S. (2009). Books vs. eBooks – A life cycle comparison. *Sustainable Electronics Initiative Blog*, 5 Novembre <http://wp.istc.illinois.edu/sei/2009/11/05/books-vs-ebooks-a-life-cycle-comparison/> Dernière consultation le 27 août 2012.
- Williams E. (2003). Forecasting Material and Economic Flows in the Global Production Chain for Silicon. *Technological Forecasting & Social Change*, **70**: 341–357.
- Williams E. (2004a). Energy Intensity of Computer Manufacturing: Hybrid Assessment Combining Process and Economic Input - Output Methods. *Environmental Science and Technology*, **38** (22):6166-6174.
- Williams E. (2004b), Environmental Impacts of Microchip Manufacture. *Thin Solid Films*, **461**(1): 2-6.
- Williams E., Ayres R.U., Heller M. (2002a). The 1.7 Kilogram Microchip: Energy and Material Use in the Production of Semiconductor Devices. *Environmental Science and Technology*, **36**(24): 5504-5510.
- Williams E., Tagami T. (2002b). Energy Use in Sales and Distribution via E-Commerce and Conventional Retail: A Case Study of the Japanese Book Sector. *Journal of Industrial Ecology*, **6**(2): 99-114.
- Williams E., Kahhat R., Allenby B., Kavazanjian E., Kim J., Xu M. (2008). Environmental, Social, and Economic Implications of Global Reuse and Recycling of Personal Computers. *Environmental Science and Technology*, **42**(17): 6446-6454.
- Williams J.E. (2007). Food That Travels Well. *The New York Times*, **6** août. <http://www.nytimes.com/2007/08/06/opinion/06mcwilliams.html> Dernière consultation le 27 août 2012.
- Wong M.H., Wu S.C., Deng W. J., Yu X.Z., Luo Q., Leung A.O., Wong C.S., Luksemburg W.J., Wong A.S. (2007). Export of Toxic Chemicals – A Review of the Case of Uncontrolled Electronic-Waste Recycling. *Environmental Pollution* **149**(2): 131-140.
- World Bank (2007). *Cost of Pollution in China: Economic Estimates of Physical Damages*. World Bank, Washington D.C., 151p. http://siteresources.worldbank.org/INTEAPREGTOPENVIRONMENT/Resources/China_Cost_of_Pollution.pdf Dernière consultation le 31 août 2012.
- Wu C., Wong Y. (2007). Rare-earth Additions to Lead-free Electronic Solders. *Journal of Materials Science: Materials in Electronics*, **18**(1): 77-91.

- Wu Y., Xu Y., Zhang J., Hu S. (2010). Evaluation of Ecological Risk and Primary Empirical Research on Heavy Metals in Polluted Soil Over Xiaoqinling Gold Mining Region, Shaanxi, China. *Transactions of Nonferrous Metals Society of China*, **20**(2010) 688-694.
- WWF (2002). *Sustainability at the Speed of Light- Opportunities and Challenges for Tomorrow's Society*. Dennis Pamlin, 202p.
http://assets.panda.org/downloads/wwf_ic_1.pdf Dernière consultation le 27 août 2012.
- WWF (2012). *250 000 Hectares de Forêts Tropicales Disparaissent Chaque Semaine*. WWF <http://www.wwf.fr/s-informer/nos-missions/forets> Dernière consultation le 27 août 2012.
- WYSE (2007). *Étude Comparative de la Consommation Énergétique de 1000 PC Versus 1000 Clients Légers*. Dell WYSE, France, Septembre
http://fr.wyse.com/resources/whitepapers/etude_env.asp. Dernière consultation le 27 août 2012.
- Xiaoying Z., Schoenung J.M. (2004). Development of a Hybrid Environmental Impact Assessment Model: a Case Study on Computer Displays. *Proceedings of the 2004 IEEE International Symposium on Electronics & the Environment*, 91-96.
- Xie J. (2009). *Addressing China's water scarcity — Recommendations for selected water resource management issues*. World Bank, Washington D.C., 198p.
- Xu J., Gao Z., Xian Q., Yu H., Feng J. (2009). Levels and Distribution of Polybrominated Diphenyl Ethers (PBDEs) in the Freshwater Environment Surrounding a PBDE Manufacturing Plant in China. *Environmental Pollution*, **157**(6) : 1911–1916.
- Xu M., Kim J., Kahhat R., Allenby B. (2008). Market Dynamics and Environmental Impacts of E-Commerce: A Case Study on Book Retailing. *Proceedings of the 2008 IEEE International Symposium on Electronics and the Environment*, 1-6.
- Yamaguchi H., Tahara K., Itsubo N., Inaba A. (2003). A Life Cycle Inventory Analysis of Cellular Phones. *Proceedings of 3rd International Symposium on Environmentally Conscious Design and Inverse Manufacturing*, 8-11 Décembre, 445-451.
- Yang J., Lu B., Xu C. (2008). WEEE Flow and Mitigating Measures in China. *Waste Management*, **28**: 1589-1597.
- Yogui G.T., Sericano J.L. (2009). Polybrominated Diphenyl Ether Flame Retardants in The U.S. Marine Environment: A Review. *Environment International*, **35**(3): 655-666.
- Zennegg M., Yu X., Hung W.M., Weber R. (2009). Fingerprints of Chlorinated, Brominated and Mixed Halogenated Dioxins at Two E-Waste Recycling Sites In Guiyu (China). *Organohalogen Compounds*, **71**: 2263– 2267.
- Zhang H., Liu L., Li T. (2011). Designing IT Systems According to Environmental Settings: A Strategic Analysis Framework. *The Journal of Strategic Information Systems*, **20**(1): 80-95.
- Zhang X.H., Zhang R., Wu L.Q., Deng S.H., Lin L.L., Yu X.Y. (2013). The interactions among China's economic growth and its energy consumption and emissions during 1978–2007. *Ecological Indicators* 24(0): 83-95.
- Zhao Y.X., Qin X.F., Li Y., Liu P.Y., Tian M., Yan S.S., Qin Z.F., Xu X.B., Yang Y.J. (2009). Diffusion of Polybrominated Diphenyl Ether (PBDE) From an E-Waste

Recycling Area to the Surrounding Regions in Southeast China. *Chemosphere*, **76**(11): 1470-1476.

Zheng L., Wu K., Li Y., Qi Z., Han D., Zhang B., Gu C., Chen G., Liu J., Chen S., Xu X., Huo X. (2008). Blood Lead and Cadmium Levels and Relevant Factors Among Children From an E-Waste Recycling Town in China. *Environmental Research*, **108**(1): 15-20.

Zhou X., Nixon H., Ogunseitan O.A., Shapiro A.A., Schoenung J.M. (2011). Transition To Lead-Free Products In The US Electronics Industry: A Model Of Environmental, Technical, And Economic Preferences. *Environmental Modeling and Assessment* **16**(1): 107-118.