

État de l'art sur les services environnementaux et sur la vulnérabilité du milieu aquatique & côtier dans un scenario d'accident nucléaire.

Vahinala Raharinirina, Jean-Pierre Doussoulin, Martin O'Connor

▶ To cite this version:

Vahinala Raharinirina, Jean-Pierre Doussoulin, Martin O'Connor. État de l'art sur les services environnementaux et sur la vulnérabilité du milieu aquatique & côtier dans un scenario d'accident nucléaire.. 2019. hal-02264409

HAL Id: hal-02264409

https://hal.science/hal-02264409

Preprint submitted on 8 Aug 2019

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

REEDS RESEARCH REPORT Rapport de Recherche REEDS



Rapport No. 2015–02

Mars 2015 / March 2015

ETAT DE L'ART SUR LES SERVICES
ENVIRONNEMENTAUX ET SUR LA
VULNERABILITE DU MILIEU AQUATIQUE &
COTIER DANS UN SCENARIO D'ACCIDENT
NUCLEAIRE

Vahinala RAHARINIRINA, Jean-Pierre DOUSSOULIN &
Martin O'CONNOR



© Centre international « REEDS »

Université de Versailles Saint-Quentin-en-Yvelines Bâtiment « Aile Sud » UVSQ à la Bergerie Nationale 15, Bergerie Nationale, 78514 Rambouillet - France Email : Secretariat.Reeds@uvsq.fr Website : www.reeds.uvsq.fr

Partie I: Ecosystem services & PES

Allen, Bryon and Loomis, John, 2008, The decision to use benefit transfer or conduct original valuation research for benefit-cost and policy analysis, Contemporary Economic Policy, 26, 1, pp. 1-12.

Altman, J, 2012, People on country as alternative development, in (Eds.), J. Altman & S. Kerins, <u>People on Country:</u> <u>Vital Landscape, Indigenous Futures</u>, Canberra, Australia, The Federation Press, pp. 1-25

Arrow, Kenneth, Bolin, Bert, Costanza, Robert, Dasgupta, Partha, Folke, Carl, Holling, C. S., Jansson, Bengt-Owe, Simon, Levin, Maler, KaRL-Goran, Perrings, Charles and Pimentel, David, 1996, Economic Growth, Carrying Capacity, and the Environment, Ecological Applications, 6, 1, pp. 13-15.

Arrow, Kenneth and Fisher, Anthony, 1974, Environmental Preservation, Uncertainty, and Irreversibility, The Quarterly Journal of Economics, 88, 2, pp. 312-319.

Awatere, Shaun, 2003, Can non-market valuation measure indigenous knowledge?, Landcare Research Science Report Hamilton, New Zealand: Landcare research Ltd, pp. 1-15.

Ayres, Robert U, 1998, The price-value paradox, Ecological economics, 25, 1. pp. 17-19.

Ayres, Robert U, 1978, Resources, Environment and Economics: Application of the Materials/Energy Balance Principle, sons, John Wiley and, New York, USA, 222 p. ISBN: 978-0471026273.

Aznar, O, Jeanneaux, P and Després, C, 2009, Les services environnementaux fournis par l'agriculture, entre logique sectorielle et logique territoriale : un cadre d'analyse économique, Communication aux 3èmes journées de recherches en sciences sociales, INRA SFER CIRAD, Montpellier, France. 09 - 11 décembre.

Bagstad, K, Troy, A and Liu, S, 2009, Context matters: Applying ecological and socioeconomic criteria for improved ecosystem services benefit transfer. Paper presented at the Annual Meeting of the Association of American Geographers, Las Vegas, NV.

Balmford, Andrew, Bruner, Aaron, Cooper, Philip, Costanza, Robert, Farber, Sthephen, Green, Rhys, Jenkins, Martin, Jefferiss, Paul, Jessamy, Valma, Madden, Joah, Munro, Kat, Myers, Norman, Naeem, Shahid, Paavola, Jouni, Rayment, Matthew, Rosendo, Sergio, Roughgarden, Joan, Trumper, Kate and Turner, R. Kerry, 2002, Economic reasons for conserving wild nature., Science, 297, 5583. pp. 950-953.

Balmford, A, Rodrigues, A, Walpole, M, ten Brink, P, Kettunen, M, Braat, L and de Groot, R, 2008, Review on the economics of biodiversity loss: scoping the science, Commission, European, Cambridge University, UK, ENV/070307/2007/486089/ETU/B2, 259 p.

Balnavera, Patricia, Pfisterer, Andrea, Buchmann, Nina, He, Jing-Shen, Nakashizuka, Tohru, Raffaelli, David and Schmid, Bernhard, 2006, Quantifying the evidence for biodiversity effects on ecosystem functioning and services, Ecology Letters, 9, pp. 1146-1156.

Barbier, **Edward**, 2012, Progress and Challenges in Valuing Coastal and Marine Ecosystem Services Review of Environmental Economics and Policy, 6, 1.

Barton, David, 2002, The transferability of benefit transfer: contingent valuation of water quality improvements in Costa Rica., Ecological Economics, 42, 1-2. pp. 147-164.

Baskaran, Ramesh, Cullen, Ross and Colombo, Sergio, 2010, Testing different types of benefit transfer in valuation of ecosystem services: New Zealand winegrowing case studies. Ecological Economics, 69, 5. pp. 1010-1022.

Bateman, Ian, Mace, Georgina, Fezzi, Carlo, Atkinson, Giles and Turner, Kerry, 2011, Economic Analysis for Ecosystem Service Assessments, Environmental & Resource Economics, 48, 2. pp. 177-218.

Bateman, J, Brainard, A, Jones, J. B and Lovett, A, 2005, Geographical information systems as the last/best hope for benefits function transfer, benefits transfer nand valuation databases: are we heading in the right direction?

,

Begossi, Alpina, May, Peter, Lopes, Priscila, Oliveira, Luiz, Vinha, Valéria and Silvano, Renato 2011, Compensation for environmental services from artisanal fisheries in SE Brazil: Policy and technical strategies, Ecological Economics, 71, 0. pp. 25-32.

Bennett, Elena, Peterson, Gary and Gordon, Line, 2009, Understanding relationships among multiple ecosystem services, Ecology Letters, 12, 12. pp. 1394-1404.

Bingham, T. H, Kealy, M. J, David, E, LeBlanc, M, Graham-Tomessi, T and Leeworthy, R, 1992, Benefits transfer: procedures, problems, and research needs., (AERE), Association of Environmental and Resource Economists, Washington, DC, US Environmental Protection Agency, 18 p.

Birch, Jennifer, Thapa, Ishana, Balmford, Andrew, Bradbury, Richard, Brown, Claire, Butchart, Stuart, Gurung, Hum, Hughes, Francine, Mulligan, Mark, Pandeya, Bhopal, Peh, Kelvin, Stattersfield, Alison, Walpole, Matt and Thomas, David, 2014, What benefits do community forests provide, and to whom? A rapid assessment of ecosystem services from a Himalayan forest, Nepal, Ecosystem Services, 8, pp. 118-127. June 2014.

Bishop, **Joshua and Hill**, **Chloe**, 2014, Global Biodiversity Finance. The Case for International Payments for Ecosystem Services, Series, Ecological Economics, In Association with IUCN and UNEP, Bishop, Joshua WWF-Australia Hill, Chloe, 208 p.

Bockstael, Nelly, Freeman, Myrick, Kopp, Raymond, Portney, Paul and Smith, Kerry, 2000, On measuring economic values for nature, Environmental Science & Technology, 34, 8. pp. 1384-1389.

Bohm, David, 1996, On dialogue, Routledge, New York & London, Lee Nichol, 114 p. 978-0415336413.

Boumans, Roelof and Costanza, Robert, 2007, The Multiscale Integrated Earth Systems Model (MIMES): the dynamics, modelling and valuation of ecosystem services, in Leslie, R. N., <u>GWSP Issues in Global Water System Research, Global Assessments: Bridging Scales and Linking to Policy</u>, Germany, The Global Water System Project, pp. 104-107,

Boumans, Roelof, Costanza, Robert, Farley, Joshua, Wilson, Matthew, Portela, Rosimeiry, Rotmans, Jan, Villa, Ferdinando and Grasso, Monica, 2002, Modeling the dynamics of the integrated earth system and the value of global ecosystem services using the GUMBO model, Ecological Economics, 41, 3. pp. 529-560. June 2002.

Boyd, James and Banzhaf, Spencer, 2007, What are ecosystem services? The need for standardized environmental accounting units, Ecological Economics, 63, 2-3, pp. 616-626.

Brander, Luke, Van Beukering, Peter and Cesar, Herman, 2007, The recreational value of coral reefs: A meta-analysis., Ecological Economics, 63, 1. pp. 209-218.

Bremera, Leah, Farleya, Kathleen, Lopez-Carrb, David and Romero, José, 2014, Conservation and livelihood outcomes of payment for ecosystem services in the Ecuadorian Andes: What is the potential for 'win-win'?, Ecosystem Services, 8, pp. 148 - 165.

Brondizio, Edouardo, Gatzweiler, Franz, Zografos, Christos and Kumar, Manasi, 2010, Chapter 4 - The sociocultural context of ecosystem and biodiversity valuation, in Kumar, Pushpam, <u>The economics of ecosystems and</u> biodiversity: ecological and economic foundations, London; Washington DC, Earthscan, pp. 149-181

Brookshire, David, 1992, Issues regading benefits transfer, T. H. Bingham, M. J. Kealy, E. David, M. LeBlanc, T. Graham-Tomessi & R. Leeworthy (Eds), Benefits transfer: procedures, problems, and research needs. The 1992 Association of Environmental and Resource Economists Workshop Snowbird, Utah, US Environmental Protection Agency, pp. 1-13.

Buchanan, G and May, K, 2012, Indigenous rangers and the customary economy, in Altman, John and Kerins, Sean, <u>People on Country: Vital Landscape, Indigenous Futures</u>, Canberra, Australia, The Federation Press, pp. 65-81.

Cameron, T. A, 1992, Issues in benefits transfer, T. H. Bingham, M. J. Kealy, E. David, M. LeBlanc, T. Graham-Tomessi & R. Leeworthy (Eds), Benefits transfer: procedures, problems, and research needs. The 1992 Association of Environmental and Resource Economists Workshop Snowbird, Utah, US Environmental Protection Agency, 15 p. 3-5 June 1992.

Cannon, Jim and Surjadi, Purbasari, 2004, Informing natural resources policy making using participatory rapid economic valuation (PREV): the case of the Togean Islands, Indonesia, Agriculture Ecosystems & Environment, 104, 1. pp. 99-111.

Carpenter, Stephen, Mooney, Harold, Agard, John, Capistrano, Doris, DeFries, Ruth, Diaz, Sandra, Duraiappah, Anantha, Oteng-Yeboah, Alfred, Pereira, Henrique Miguel, Perrings, Charles, Reid, Walter, Sarukhan, José, Scholes, Robert and Whyte, Anne, 2009, Science for managing ecosystem services: beyond the Millenium Ecosystem Services Assessment Proceedings of the National Academy of Sciences of the United States (PNAS, 106, 5. pp. 1305-1312.

[Center For the Blue Economy], 2012, Environmental and recreational (non-market) values - values estimates for the United States. Retrieved 13th June 2013 from http://www.oceaneconomics.org/nonmarket/NMsearch2.asp

Chan, Kai, Satterfield, Terre and Goldstein, Joshua, 2012, Rethinking ecosystem services to better address and navigate cultural values, Ecological Economics, 74, pp. 8-18.

Cohen, Maurie J, Brown, Halina Szejnwald and Vergragt, Philip J, 2014, Innovations In Sustainable Consumption. New Economics, Socio-technical Transitions and Social Practices, Series, Ecological Economics, Cohen, Maurie J, Brown, Halina Szejnwald, Vergragt, Philip J, 320 p. 978 1 78100 134 9.

[Conservation Gateway], 2013, Ecosystem Services Database of Tools Arlinton, Virginia, USA, The Nature Conservancy,

Costanza, **Robert**, 2008, Ecosystem services: Multiple classification systems are needed, Biological Conservation, 141, 2. pp. 350-362.

Costanza, Robert, 1998, The value of ecosystem services, Ecological Economics, 25, 1. pp. 1-2.

Costanza, Robert, d'Arge, Ralph, de Groot, Rudolf, Farber, Sthephen, Grasso, Monica, Hannon, Bruce, Limburg, Karin, Naeem, Shahid, O'Neill, Robert, Paruelo, Jose, Raskin, Robert, Sutton, Paul and Van den Belt, Marjan, 1998, The value of ecosystem services: putting the issues in perspective, Ecological Economics, 25, pp. 67-72.

Costanza, Robert, d'Arge, Ralph, de Groot, Rudolf, Farber, Sthephen, Grasso, Monica, Hannon, Bruce, Limburg, Karin, Naeem, Shahid, O'Neill, Robert, Paruelo, Jose, Raskin, Robert, Sutton, Paul and van den Belt, Marjan, 1997, The value of the world's ecosystem services and natural capital, Nature, 387, 6630. pp. 253-260. 15 may 1997.

Costanza, Robert, De Groot, Rudolf, Sutton, Paul, van der Ploeg, Sander, Anderson, Sharolyn, Kubiszewski, Ida, Farber, Sthephen and Turner, Kerry, 2014, Changes in the global value of ecosystem services, Global Environmental Change, 26, May 2014, pp. 152-158.

Costanza, Robert and Folke, Carl, 1997, Valuing ecosystem services with efficiency, fairness and sustainability as goals., in G., Daily (Ed), <u>Nature's Services Societal Dependence on Natural Ecosystems</u>, Washington DC, Island Press, pp. 49-68,

Costanza, Robert, Segura, Olman and Martinez-Alier, Juan, 1996, Getting Down to Earth: Practical Application of Ecological Economics, Washigton, DC (USA), Island Press,

Cullinan, John, Hynes, Stephen and O'Donoghue, Cathal, 2011, Using spatial microsimulation to account for demographic and spatial factors in environmental benefit transfer, Ecological Economics, 70, 4. pp. 813-824.

Curtis, lan, 2004, Valuing ecosystem goods and services: a new approach using a surrogate market and the combination of a multiple criteria analysis and a Delphi panel to assign weights to the attributes, Ecological Economics, 50, 3-4. pp. 163-194.

Czajkowski, Mikolaj and Scasny, Milan, 2010, Study on benefit transfer in an international setting. How to improve welfare estimates in the case of the countries' income heterogeneity? Ecological Economics, 69, 12. pp. 2409-2416.

Daily, Gretchen, 1997, Nature's services: societal dependence on naturel ecosystems, Press, Island, Washington DC, ISBN: 9781559634762.

Daily, Gretchen, Foley, Jonathan, Hoekstra, Jon, Kareiva, Peter, Polasky, Stephen and Ricketts, Taylor,

2012, InVEST: Integrated valuation of environmental services and tradeoffs. Natural Capital Project.

Daily, Gretchen C., 2000, Management objectives for the protection of ecosystem services, Environmental Science & Policy, 3, 6. pp. 333-339.

Daily, Gretchen C. and Ehrlich, Paul R., 1996, Socioeconomic Equity, Sustainability, and Earth's Carrying Capacity, Ecological Applications, 6, 4. pp. 991-1001.

Dale, Virginia

Polasky, Stephen, 2007, Measures of the effects of agricultural practices on ecosystem services, Ecological Economics, 64, 2. pp. 286-296.

Daly, Herman E., 1971, A Marxian-Malthusian View of Poverty and Development, Population Studies, 25, 1. pp. 25-37.

De Groot, Rudolf, Fisher, Brendan, Christie, Mike, Aronson, James, Braat, Leon, Gowdy, John, Haines-Young, Roy, Maltby, Edward, Neuville, Aude, Polasky, Stephen, Portela, Rosimeiry and Ring, Irene 2010, Chapter 1: Integrating the ecological and economic dimensions in biodiversity and ecosystem service valuation, in Kumar, Pushpam, The economics of ecosystems and biodiversity: ecological and economic foundations, London; Washington DC, Earthscan, pp. 9-40,

De Groot, Rudolf, Wilson, Matthew and Boumans, Roelof 2002, A typology for the classification, description and valuation of ecosystem functions, goods and services, Ecological Economics, 41, 3. 393-408.

De Groot, R. S, Alkemade, R, Braat, L, Hein, L and Willemen, L, 2010, Challenges in integrating the concept of ecosystem services and values in landscape planning, management and decision making, Ecological Complexity, 7, 3. pp. 260-272.

De Groot, Rudolf S., Perk, Johan Van der, Chiesura, Anna and Vliet, Arnold van, 2003, Importance and threat as determining factors for criticality of natural capital, Ecological Economics, 44, 2-3. 187-204.

Deck, Leland and Chestnut, Lauraine, 1992, Benefits transfer: how good is good enough?, T. H. Bingham, M. J. Kealy, E. David, M. LeBlanc, T. Graham-Tomessi & R. Leeworthy (Eds), Benefits transfer: procedures, problems, and research needs. The 1992 Association of Environmental and Resource Economists Workshop Snowbird, Utah, US Environmental Protection Agency, 18 p. 3-5 June 1992.

DEFRA, 2007, An introductory guide to valuing ecosystem services, Department for Environment, Food and Rural Affairs, London, UK, DEFRA Publications,

Desvousges, William, Naughton, Michael and Parsons, George, 1992, Benefit transfer: conceptual problems in estimating water quality benefits using existing studies, Water Resources Research, 28, 3. pp. 675-683. March 1992.

Dominati, Estelle, Patterson, Murray and Mackay, Alec, 2010, Response to Robinson and Lebron: Learning from complementary approaches to soil natural capital and ecosystem services, Ecological Economics, 70, 2. pp. 139-140.

Downing, Mark and Ozuna, Teofilo, 1996, Testing the reliability of the benefit function transfer approach, Journal of Environmental Economics and Management, 30, 3. pp. 316-322.

Duffield, John, 1997, Nonmarket valuation and the Courts: The case of the Exxon Valdez, Contemporary Economic Policy, 15, 4. pp. 98-110. October 1997.

Eade, Jeremy and Moran, Dominic, 1996, Spatial economic valuation: Benefits transfer using geographical information systems, Journal of Environmental Management, 48, 2. pp. 97-110.

EFTEC, 2010, Valuing Environmental Impacts: Practical Guidelines for the Use of Value Transfer in Policy and Project Appraisal Technical Report, (EFTEC), Economics for the Environment Consultancy, Submitted to Department for Environment, Food and Rural Affairs London, UK.

Egoh, Benis, Rouget, Mathieu, Reyers, Belinda, Knight, Andrew, Cowling, Richard, van Jaarsveld, Albert and Welz, Adam, 2007, Integrating ecosystem services into conservation assessments: A review, Ecological Economics, 63, 4. pp. 714-721.

Ehrlich, Paul and Ehrlich, Anne, 1981, Extinction: The Causes and Consequences of the Disappearance of Species, Ehrlich, Paul and Anne, New York, Random House, 305 p. 978-0394513126.

Ehrlich, Paul and Mooney, Harold, 1983, Extinction, substitution, and ecosystem services, BioScience, 33, 4. pp. 248-254. 978-0394513126

Ehrlich, Paul R., Ehrlich, Anne H. and Daily, Gretchen C., 1993, Food Security, Population and Environment, Population and Development Review, 19, 1. pp. 1-32.

Ehrlich, Paul R., Wolff, Gary, Daily, Gretchen C., Hughes, Jennifer B., Daily, Scott, Dalton, Michael and Goulder, Lawrence, 1999, Knowledge and the environment, Ecological Economics, 30, 2, pp. 267-284.

Eigenbrod, Felix, Armsworth, Paul, Anderson, Barbara, Heinemeyer, Andreas, Gillings, Simon, Roy, David, Thomas, Chris and Gaston, Kevin, 2010, Error propagation associated with benefits transfer-based mapping of ecosystem services, Biological Conservation, 143, 11. pp. 2487-2493.

Ekins, Paul, 2003, Identifying critical natural capital: Conclusions about critical natural capital, Ecological Economics, 44, 2-3. pp. 277-292.

Ekins, Paul, 1996, Toward an economics for environmental sustainability, in <u>Getting Down to Earth: Practical Applications of Ecological Economics</u>, Island Press, pp. 129-152,

Ekins, Paul, Folke, Carl and De Groot, Rudolf, 2003, Identifying critical natural capital, Ecological Economics, 44, 2-3. pp. 159-163.

Ekins, Paul, Simon, Sandrine, Deutsch, Lisa, Folke, Carl and Groot, Rudolf De, 2003, A framework for the practical application of the concepts of critical natural capital and strong sustainability, Ecological Economics, 44, 2-3. pp. 165-185.

Elmqvist, Thomas, Maltby, Edward, Barker, Tom, Mortimer, Martin, Perrings, Charles, Aronson, James, De Groot, Rudolf, Fitter, Alaster, Mace, Georgina, Norberg, Jon, Pinto, Isabel and Ring, Irene, 2010, Chapter 2 - Biodiversity, ecosystems and ecosystem services., in Kumar, Pushpam, The economics of ecosystems and biodiversity: ecological and economic foundations, London; Washington DC, Earthscan, pp. 41-111,

Engel, Stefanie, Pagiola, Stefano and Wunder, Sven, 2008, Designing payments for environmental services in theory and practice: An overview of the issues, Ecological Economics, 65, 4. pp. 663-674.

Engel, Stefanie and Palmer, Charles, 2008, Designing payments for environmental services with weak property rights and external interests, in Zilberman, David, <u>Payment for Environmental services in Agricultural Landscapes</u>. Economic Policies and Poverty reduction in Developing Countries, FAO and Springer Science, pp. 35-57,

Ens, Emilie, 2012, Conducting two-way ecological research, in Altman, John and Kerins, Sean, <u>People on Country: Vital Landscape, Indigenous Futures</u>, Canberra, Australia, The Federation Press, pp. 45-64,

EPA, 2009, Valuing the Protection of Ecological Systems and Services A Report of the EPA Science Advisory Board, Washington DC, US Environmental Protection Agency, EPA-SAB-09-2012. 138 p

Farber, Sthephen, Costanza, Robert and Wilson, Matthew, 2002, Economic and ecological concepts for valuing ecosystem services, Ecological Economics, 41, 3. pp. 375-392.

Farley, Joshua, 2012, Ecosystem services: The economics debate, Ecosystem Services, 1, 1, pp. 40-49.

Ferraro, Paul and Pattanayak, Subhrendu, 2006, Money for nothing? A call for empirical evaluation of biodiversity conservation investments, Plos Biolog, 4, 105. pp. 482-488.

Fisher, Brendan and Turner, Kerry, 2008, Ecosystem services: Classification for valuation, Biological Conservation, 141, 5. pp. 1167-1169.

Fisher, Brendan, Turner, Kerry and Morling, Paul, 2009, Defining and classifying ecosystem services for decision making, Ecological Economics, 68, 3. pp. 643-653.

Fogarty, William, 2012, Country as Classroom in (Eds), J. Altman & S. Kerins, <u>People on country: Vital Landscape</u>, Indigenous Futures, Canberra, Australia, The Federation Press, pp. 82-93,

Freeman, A. M, 1984, On the tactics of benefit estimation under Executive Order 12291, in Smith, V. Kerry, Environmental Policy Under Reagan's Executive Order: The Role of Benefit-Cost Analysis, North Carolina: USA,

The University of North Carolina Press, pp. 167-186,

Frélichová, Jana, Vačkář, David, Pártl, Adam, Loučková, Blanka, Harmáčková, Zuzana and Lorencová, Eliška 2014, Integrated assessment of ecosystem services in the Czech Republic, Ecosystem Services, 8, pp. 110-117.

Goldman, Rebecca, 2013, Water Funds: A New Ecosystem Service and Biodiversity Conservation Strategy, Encyclopedia of Biodiversity, 2013. pp. 352-366. 23 January 2013.

Goldman, Rebecca, Thompson, Barton and Daily, Gretchen, 2007, Institutional incentives for managing the landscape: Inducing cooperation for the production of ecosystem services, Ecological Economics, 64, 2. pp. 333-343. 15 December 2007.

Gomez-Baggethun, Erik, de Groot, Rudolf, Lomas, Pedro and Montes, Carlos, 2010, The history of ecosystem services in economic theory and practice: From early notions to markets and payment schemes, Ecological Economics, 69, 6. pp. 1209-1218.

Gowdy, John and Erickson, Jon, 2005, The approach of ecological economics., Cambridge Journal of Economics, 29, 2, pp. 207-222.

Green, C. H and Tunstall, S. M, 1991, Is the Economic Evaluation of Environmental Resources Possible, Journal of Environmental Management, 33, 2. pp. 123-141. September 1991.

Grieg-Gran, Maryane, Porras, Ina and Wunder, Sven, 2005, How can market mechanisms for forest environmental services help the poor? Preliminary Lesson from Latin America, World Development, 33, 9. pp. 1511-1527.

Grisel, Pierre Nicolas, 2008, Rôle des fonctions environnementales dans le développement agricole régional : le cas d'une communauté agricole au sud du Brésil, Université de Versailles-Saint-Quentin-en-Yvelines,

Gual, Miguel A. and Norgaard, Richard, 2010, Bridging ecological and social systems coevolution: A review and proposal, Ecological Economics, 69, 4. pp. 707-717.

Hamilton, Kirk and Lutz, Ernst, 1996, Green National Accounts: Policy Uses and Empirical Experience, Series, Environmental Economics, Environment Department Papers, The World bank, 53 p.

Heal, Geoffrey, 2002, Nature and the Market Place - Capturing the Value of Ecosystem Services, Washington, DC, Island Press, ISBN-13: 978-1559637961.

Hein, Lars, van Koppen, Kris, De Groot, Rudolf and van Ierland, Ekko, 2006, Spatial scales, stakeholders and the valuation of ecosystem services, Ecological Economics, 57, 2. pp. 209-228. May 2006.

Howarth, Richard and Farber, Sthephen, 2002, Accounting for the value of ecosystem services, Ecological Economics, 41, SPECIAL ISSUE: The Dynamics and Value of Ecosystem Services: Integrating Economic and Ecological Perspectives. pp. 421-429.

Hueting, Roefie, Reijnders, Lucas, Boer, Bart de, Lambooy, Jan and Jansen, Huib, 1998, The concept of environmental function and its valuation, Ecological Economics, 25, 1. pp. 31-35.

Jin, Di, Hoagland, Porter and Dalton, Tracy Morin, 2003, Linking economic and ecological models for a marine ecosystem. Ecological Economics, 46, 3, pp. 367-385.

Johnston, Robert, Besedin, Elena, Lovanna, Richard, Miller, Christopher, Wardwell, Ryan and Ranson, Matthew, 2005, Systematic variation in willingness to pay for aquatic resource improvements and implications for benefit transfer: a meta-analysis, Canadian Journal of Agricultural Economics, 53, pp. 221-248.

Kallis, Giorgos, Gomez-Baggethun, Erik and Zografos, Christos, 2015, The limits of monetization in valuing the environment: A reply to Gsottbauer et al., Ecological Economics, 112, pp. 170-173.

Kallis, Giorgos and Norgaard, Richard B., 2010, Coevolutionary ecological economics, Ecological Economics, 69, 4, pp. 690-699.

Kaplowitz, Michael D., 2001, Assessing mangrove products and services at the local level: the use of focus groups and individual interviews, Landscape and Urban Planning, 56, 1-2, pp. 53-60.

Karsenty, Alain, 2010, Que sont les paiements pour services environnementaux? Eléments de définition et essai

de clarification, SERENA, Programme, Note de synthèse, Montpellier, CIRAD, 7 p.

Karsenty, Alain, Guingand, Aurélien, Langlais, Alexandra and Polge, Marie-Christine, 2014, From South to North: a comparative analysis of Payments for Environmental services. Summary of discussions at the PESMIX international workshop, Piermont, Laurent, Biodiv'2050 Outlook: Initiatives, Montpellier, PESMIX, 22 p.

Karsenty, Alain, Guingand, Aurélien, Langlais, Alexandra and Polge, Marie-Christine, 2014, Du Sud au Nord: regars croisés sur les Paiements pour Services Environnementaux. Synthèse des débats de l'atelier international PESMIX, Piermont, Laurent, Les Cahiers de Biodiv'2050: Initiatives, Montpellier, PESMIX, 22 p.

Karsenty, Alain and Weber, Jacques, 2004, Les marchés de droits pour la gestion de l'environnement: introduction générale, Revue Tiers Monde, 45, 177, pp. 7-27.

Kerins, Sean, 2012, Caring for country to working on country, in (Eds.), J. Altman & S. Kerins, <u>People on Country:</u> <u>Vital Landscape, Indigenous Futures</u>, Canberra, Australia, The Federation Press, pp. 26-44

Kerr, Geoffrey, 2013, New Zealand non-market valuation database. New Zealand, Lincoln University,

Kerr, Geoffrey and Latham, N, 2011, New Zealand Marine Recreational Fishing Values, University, Lincoln, Land Environment and People Research Report, New Zealand, Report prepared for the New Zealand Marine Research Foundation, Report n° 29, 133 p.

Kirchhoff, Stefanie, Colby, Bonnie and LaFrance, Jeffrey, 1997, Evaluating the performance of benefit transfer: An empirical inquiry., Journal of Environmental Economics and Management, 33, 1, pp. 75-93.

Klerkx, Laurens, Aarts, Noelle and Leeuwis, Cees, 2010, Adaptive management in agricultural innovation systems: The interactions between innovation networks and their environment, Agricultural Systems, 103, 6. pp.390-400.

Kosoy, **Nicolas and Corbera**, **esteve**, 2010, Payments for ecosystem services as commodity fetishism, Ecological Economics, 69, 6. pp. 1228-1236. April 2010.

Krebs, **Charles**, 2009, Ecology: The Experimental Analysis of Distribution and Abundance, Krebs, Charles J., University of British Columbia, Vancouver, Pearson Benjamin Cummings, 688 p. ISBN: 9780321507433.

Krupnick, Allan, 1992, Benefit Transfer and Social Costing, in (AERE), Association of Environmental and Resource Economists, <u>Benefits transfer: procedures, problems, and research needs</u>, Washington DC: USA, US Environmental Protection Agency, pp. 1-16

Krutilla, John and Fisher, Anthony, 1975, The Economics of Natural Environments. Studies in the Valuation of Commodity and Amenity Resources, Future, Resources for the, Washington DC, John Hopkins University Press,

Kumar, Manasi and Kumar, Pushpam, 2008, Valuation of the ecosystem services: A psycho-cultural perspective, Ecological Economics, 64, 4, pp. 808-819.

Kumar, **Pushpam**, 2010, The economics of ecosystems and biodiversity: ecological and economic foundations, Kumar, Pushpam, London; Washington DC, Earthscan, ISBN 978-0415501088.

Kumar, **Pushpam**, 2010, Preface and introduction, in Kumar, Pushpam, <u>The economics of ecosystems and biodiversity</u>: ecological and economic foundations, London; Washington DC, Earthscan, pp 1-8

Kumar, Pushpam and Muradian, Roldan, 2009, Payments for Ecosystem Services, Oxford University Press, ISBN: 978-0195698749.

Lange, Glenn-Marie and Jiddawi, Narriman, 2009, Economic value of marine ecosystem services in Zanzibar: Implications for marine conservation and sustainable development, Ocean & Coastal Management, Vol 52, n° 10, pp. 521-532.

Laurans, Yann, Rankovic, Alexandar, Bille, Raphael, Pirard, Romain and Mermet, Laurent, 2013, Use of ecosystem services economic valuation for decision making: Questioning a literature blindspot., Journal of Environmental Management, 119, pp. 208-219.

Layke, Christian, 2009, Measuring Nature's Benefits: A Preliminary Roadmap for Improving Ecosystem Service Indicators: . Institute, World Resources, WRI Working paper, Washington DC, pp. 1-36.

Leon-Gonzalez, Roberto and Scarpa, Riccardo, 2008, Improving multi-site benefit functions via Bayesian model

averaging: A new approach to benefit transfer, Journal of Environmental Economics and Management, Vol 56, n°1, pp. 50-68.

Leopold, Aldo, 1949, A Sand Country Almanac: And Sketches Here and There, Books, Ballantine, New York, Oxford University Press, ISBN: 978-0345345059.

Leslie, Heather, Schluter, Maja, Cudney-Bueno, Richard and Levin, Simon, 2009, Modeling responses of coupled social-ecological systems of the Gulf of California to anthropogenic and natural perturbations, Ecological Research, 24, 3. pp. 505-519.

Lindhjem, Henrik and Navrud, Stale, 2008, How reliable are meta-analyses for international benefit transfers?, Ecological Economics, 66, 2-3. pp. 425-435.

Lipper, Leslie, Sakuyama, takumi, Stringer, dandy and Zilberman, David, 2008, Payment for Environmental services in Agricultural Landscapes. Economic Policies and Poverty reduction in Developing Countries, Zilberman, David, Natural Resource Management and Policy, Berkeley, California, FAO and Springer Science.

Londono, **Luz and Johnston**, **Robert**, 2012, Enhancing the reliability of benefit transfer over heterogeneous sites: A meta-analysis of international coral reef values., Ecological Economics, 78, pp. 80-89.

Loomis, **John**, 2006, Estimating recreation and existence values of sea otter expansion in California using benefit transfer, Coastal Management, 34, 4, pp. 387-404.

Loomis, John and Rosenberger, Randall, 2006, Reducing barriers in future benefit transfers: Needed improvements in primary study design and reporting., Ecological Economics, 60, 2, pp. 343-350.

Lovett, Andrew, Brainard, Julli and Bateman, Ian, 1997, Improving benefit transfer demand functions: A GIS approach. Journal of Environmental Management, 51, 4. pp. 373-389.

Luck, Gary, Daily, Gretchen and Ehrlich, Paul 2003, Population diversity and ecosystem services, Trends in Ecology & Evolution, 18, 7, pp. 331-336.

Luisetti, T, Jackson, E and Turner, K, 2013, Valuing the European 'coastal blue carbon' storage benefit, Marine Pollution Bulletin, 71, 1-2. pp. 101-106.

Luisetti, T, Turner, K, Jickells, T, Andrews, J, Elliott, M, Schaafsma, M, Beaumont, N, Malcolm, S, Burdon, D, Adams, C and Watts, W, 2014, Coastal Zone Ecosystem Services: From science to values and decision making; a case study, Science of The Total Environment, 493, Septembre 2014. pp. 682-693.

Maes, Joachim and Paracchini, Maria-Luisa and Zulian, Grazia, 2011, A European assessment of the provision of ecosystem services - Towards an atlas of ecosystem services, Centre, European Joint Research, JRC Scientific and technical Reports, Luxembourg, Publications Office of the European Union, JRC63505. 88 p.

Maresca, Bruno, Mordret, Xavier, Ughetto, Anne Lise and Blancher, Philippe, 2011, Evaluation des services rendus par les écosystèmes en France, Développement durable et territoires [en ligne], Vol 2, n°3, 17 p.

Martin-Ortega, J, Brouwer, R, Ojea, E and Berbel, J, 2012, Benefit transfer and spatial heterogeneity of preferences for water quality improvements., Journal of Environmental Management, 106, pp. 22-29.

Max-Neef, Manfred, 2005, Foundations of transdisciplinarity, Ecological Economics, 53, 1, pp. 5-16.

Maynard, Simone, James, David and Davidson, Andrew, 2010, The Development of an Ecosystem Services Framework for South East Queensland, Journal of Environmental Management, 45, 5, pp. 881-895.

MEA, 2005, Ecosystems and Human Well-being: Synthesis, Press, Island, Millennium Ecosystem Assessment (MEA), Washington-DC, UNEP - World Resources Institute, 155 p.

MEA, 2003, Ecosystems and human well-being: A framework for assessment, Press, Island, Washington DC - Covelo - London, Millennium Ecosystem Assessment (MEA), 245 p. ISBN 1-55963-402-2.

Mekonnen, M and Hoekstra, A, 2011, National water footprint accounts: the green, blue and grey water footprint of production and consumption, IHE, UNESCO -, Value of Water Research report, Delft, The Netherlands, UNESCO - Institute for Water Education, Research Report Series n° 50, 50 p.

Moeltner, Klaus, Boyle, Kevin and Paterson, Robert, 2007, Meta-analysis and benefit transfer for resource valuation-addressing classical challenges with Bayesian modeling, Journal of Environmental Economics and

Management, 53, 2, pp. 250-269.

Mooney, Harold and Ehrlich, Paul, 1997, Ecosystem services: A fragmentary history, in Daily, Gretchen, <u>Nature's Services</u>. Societal dependence on <u>Natural Ecosystems</u>, Washington DC, Island Press, pp. 11-19, ISBN: 978-0394513126.

More, Thomas, Averill, James and Stevens, Thomas, 1996, Values and economics in environmental management: A perspective and critique. Journal of Environmental Management, 48, 4, pp. 397-409.

Morrison, Mark and Bergland, Olvar, 2006, Prospects for the use of choice modeling for benefit transfer. Ecological Economics, 60, 2. pp. 420-428.

Muradian, Roldan, Corbera, Esteve, Pascual, Unai, Kosoy, Nicolas and May, Peter, 2010, Reconciling theory and practice: An alternative conceptual framework for understanding payments for environmental services, Ecological Economics, 69, 2010, pp. 12020-1208.

Muradian, Roldan and Rival, Laura, 2012, Between markets and hierarchies: The challenge of governing ecosystem services, Ecosystem Services, 1, 1, pp. 93-100.

Murillo, Sergio, Molina Perez Castillo, Juan Pablo and Ugalde, Maria Ellena, 2014, Assessment of environmental payments on indigenous territories: The case of Cabecar-Talamanca, Costa Rica, Ecosystem Services, 8, pp. 35-43.

Naeem, Shahid, **Bunker, Daniel, Hector, Andy**, **Loreau, Michel and Perrings, Charles** 2009, Biodiversity, Ecosystem Functioning, and Human Wellbeing, Oxford University Press, ISBN: 978-0-19-954795-1.

Naidoo, Robin, Balmford, Andrew, Costanza, Robert, Fisher, Brendan, Green, Rhys, Lehner, B, Malcolm, T and Ricketts, Taylor, 2008, Global mapping of ecosystem services and conservation priorities, Daily, Gretchen, Stanford University, Stanford, CA, Proceedings of the National Academy of Science, 105, pp. 9495-9500

Naidoo, Robin, Balmford, Andrew, Ferraro, Paul, Polasky, Stephen, Ricketts, Taylor and Rouget, Mathieu, 2006, Integrating economic costs into conservation planning, Trends in Ecology & Evolution, 21, 12. pp. 681-687.

NERC, 2009, Valuation of Biodiversity - A NERC scoping study, (NERC), National Environment Research Council, Final Report to NERC, UK, The University of York, University of Leeds, Plymouth Marine Laboratory, 130 p.

Newell, **Richard and Pizer**, **William**, 2001, Discounting the distant future: how much do uncertain rates increase valuations?, Journal of Environmental Economics and Management, 46, 1. pp. 52-71.

Nicholson, Emily, Mace, Georgine, Armsworth, Paul, Atkinson, Giles, Buckle, Simon, Clements, Tom, Ewers, Robert, Fa, John, Gardner, Toby, Gibbons, James, Grenyer, Richard, Metcalfe, Robert, Mourato, Susanna, Muùls, Mirabelle, Osborn, Dan, Reuman, Daniel, Watson, Charlene and Milner-Gulland, E.D, 2009, Priority research areas for ecosystem services in a changing world, Journal of Applied Ecology, 46, 6. pp. 1139-1144.

Nicolescu, Basarab, 2005, Transdisciplinarity, Past, Present and Future. 2nd World Congress on Transdisciplinarity, Brazil. September 4th - 16th, 2005.

Noël, Jean François and O'Connor, Martin, 1998, Strong sustainability and Critical Natural Capital, in <u>Valuation</u> for sustainable development: methods and policy indicators,

Noël, **Jean-François**, **O'Connor**, **Martin and Sang**, **Jessy Tsang King**, 2000, The Bouchereau woodland and the transmission of socio-ecological economic value, Ecological Economics, 34, 2. pp. 247-266.

Norgaard, Richard, 2010, Ecosystem services: From eye-opening metaphor to complexity blinder, Ecological Economics, 69, 6, pp. 1219-1227.

Norgaard, Richard 2004, Cultural group selection, coevolutionary processes, and large-scale cooperation: a comment, Journal of Economic Behavior & Organization, 53, 1, pp 93-95.

Norgaard, Richard, 2004, Learning and knowing collectively, Ecological Economics, 49, 2, pp. 231-241.

Norgaard, Richard 1994, Development betrayed: the end of progress and a coevolutionary revisioning of the future, Routledge,

Norgaard, Richard 1984, Coevolutionary Agricultural Development, Economic Development and Cultural Change,

32, 3, pp. 525-546.

Norgaard, Richard, Bode, Collin and Group, Values Reading, 1998, Next, the value of God, and other reactions, Ecological Economics, 25, 1. pp. 37-39.

Norgaard, Richard, Kallis, Giorgos and Kiparsky, Michael, 2009, Collectively engaging complex socio-ecological systems: re-envisioning science, governance, and the California Delta, Environmental Science & Policy, 12, 6, pp. 644-652.

NRC, 2005, Valuing eocsystem services: toward better environmental decision making, Council, National Research, Washington, DC, National Academies Press, ISBN: 978-0-309-09318-7

Nunes, Paolo, Ding, Helen and Markandya, Anil, 2009, The Economic Valuation of Marine Ecosystems Carraro, Carlo, Sustainable Development Series, Milan, Italy, Fondazione Eni Enrico Mattei (FEEM) 2009-068 22 pp.

O'Farrell, Patrick, Anderson, Pippin, Le Maitre, David and Holmes, Patricia, 2012, Insights and Opportunities Offered by a Rapid Ecosystem Service Assessment in Promoting a Conservation Agenda in an Urban Biodiversity Hotspot, Ecology and Society, 17, 3.

O'Connor, Martin, 2006, The Four Spheres framework for sustainability, Ecological Complexity, 3, 4, pp. 285-292.

O'Connor, **Martin**, 1994, Thermodynamique, complexité et codépendance écologique : la science de la joie et du deuil, Revue internationale de systémique, 8, 4-5, pp. 397-423.

O'Connor, Martin, Faucheux, Sylvie, Froger, Géraldine, Funtowicz, Silvio and Munda, Giuseppe, 1996, Emergent complexity and procedural rationality: post-normal science for sustainability, in <u>Getting Down to Earth: Practical Applications of Ecological Economics</u>, Washington, DC, Island Press, 223-248,

O'Neil, John, 1993, Ecology, Policy and Politics: Human Well-Being and the Natural World, Londres, Routledge,

Opschoor, JB, 1998, The value of ecosystem services: whose values?, Ecological Economics, 25, 1. pp. 41-43.

Ostrom, **Elinor**, 2009, A general framework for analyzing sustainability of socio-ecological systems, Sciences, 325, pp. 419-422.

Pagiola, Stefano, Arcenas, Agustin and Platais, Gunars, 2005, Can Payments for Environmental Services Help Reduce Poverty? An Exploration of the Issues and the Evidence to Date from Latin America, World Development, 33, 2, pp. 237-253.

Parsons, George and Kealy, Mary Jo, 1994, Benefits transfer in a random utility model of recreation, Water Resources Research, 30, 8, pp. 2477-2484.

Pascual, Unai, Muradian, Roldan, Brander, Luke, Christie, Mike, Cornelissen, Hans, Eppink, Florian, Gomez-Baggethun, Erik, Farley, Joshua, Loomis, John, Martin-Lopez, Berta, Pearson, Leonie, Perrings, Charles, Polasky, Stephen and Verma, Madhu, 2010, Chapter 5 - The economics of valuing ecosystem services and biodiversity, in (Ed.), P. Kumar, The economics of ecosystems and biodiversity: ecological and economic foundations London; Washington, DC, Earthscan, pp. 183-256,

Pascual, Unai, Muradian, Roldan, Rodriguez, Luis and Duraiappah, Anantha, 2010, Exploring the links between equity and efficiency in payments for environmental services, Ecological Economics, 69, 6, pp. 1237-1244.

Passet, René, 1994, Le regard de la destruction créatrice, Revue internationale de systémique, 8, 4-5, pp. 337-344.

Passet, René, 1979, L'Economique et Le Vivant, Paris, Economica,

Patterson, Murray, 1998, Commensuration and theories of value in ecological economics., Ecological Economics, 25, 1. pp. 105-125.

Pearce, **David**, 1998, Auditing the Earth: The value of the world's ecosystem services and natural capital, Environment: Science and Policy for Sustainable Development, 40, 2, pp. 23-28.

Peh, Kelvin, Balmford, Andrew, Bradbury, Richard, Brown, Claire, Butchart, Stuart, Hughes, Francine, Stattersfield, Alison, Thomas, David, Walpole, Matt, Bayliss, Julian, Gowing, David, Jones, Julia, Lewis, Simon, Mulligan, Mark, Pandeya, Bhopal, Stratford, Charlie, Thompson, Julian, Turner, Kerry, Vira, Bhaskar, Willcock, Simon and Birch, Jennifer, 2013, TESSA: A toolkit for rapid assessment of ecosystem

services at sites of biodiversity conservation importance. Ecosystem Services, Volume 5, pp. 51-57.

Pendleton, **Linwood**, **Atiyah**, **Perla and Moorthy**, **Aravind**, 2007, Is the non-market literature adequate to support coastal and marine management? Ocean & Coastal Management, 50, 5-6. pp. 363-378.

Perrings, Charles, 2006, Ecological Economics after the Millennium Assessment, International Journal of Ecological Economics and Statistics, 6, Fall 2006. pp. 8-22.

Perrings, Charles, Baumgärtner, Stefan, Brock, William, Chopra, Kanchan, Conte, Marc, Costello, Christopher, Duraiappah, Anantha, Kinzig, Ann, Pascual, Unai, Polasky, Stephen, Tschirhart, John and Xepapadeas, Anastasios, 2009, The economics of biodiversity and ecosystem services. An ecological and economic perspective., in Shahid Naeem, Daniel E. Bunker, Andy Hector, Michel Loreau, and Charles Perrings, Biodiversity, Ecosystem Functioning, and Human Wellbeing, Oxford, Oxford University Press, pp. 230-247

Peterson, Markus, Hall, Damon, Feldpausch-Parker, Andrea and Peterson, Tarla, 2010, Obscuring Ecosystem Function with Application of the Ecosystem Services Concept, Conservation Biology, 24, 1. pp. 113-119.

Plantier-Santos, Carolto, Cristina and Yoskowitz, David, 2012, Gulf of Mexico Ecosystem Service Valuation Database (GecoServ): Gathering ecosystem services valuation studies to promote their inclusion in the decision-making process, Marine Policy, 36, 1. pp. 214-217.

Platt, John, 1964, Strong Inference, Science, 146, 3642. pp. 347-353. 16 October 1964.

Plummer, Mark, 2009, Assessing benefit transfer for the valuation of ecosystem services, Frontiers in Ecology and the Environment, 7, 1. pp. 38-45.

Primmer, Eeva and Furman, Eeva, 2012, Operationalising ecosystem service approaches for governance: Do measuring, mapping and valuing integrate sector-specific knowledge systems? Ecosystem Services, 1, 1, pp. 85-92

Ready, Richard and Navrud, Stale, 2006, International benefit transfer: Methods and validity tests, Ecological Economics, 60, 2, pp. 429-434.

Reyers, Belinda, Bidoglio, Giovanni, Dhar, Uppeandra, Gundimeda, Haripryia, O'Farrell, Patrick, Parrachini, Maria, Prieto, Oscar and Schutyser, Frederik 2009, Chapter 3 - Measuring biophysical quantities and the use of indicators, in Kumar, Pushpam, The economics of ecosystems and biodiversity: ecological and economic foundations, London; Washington DC, Earthscan, pp. 113-147

Rodriguez, Jon Paul, Beard, Douglas, Bennett, Elena, Cumming, Graeme, Cork, Steven, Agard, John, Dobson, Andrew and Peterson, Garry, 2006, Trade-offs across Space, Time, and Ecosystem Services, Ecology and Society, 11, 1, 28p.

Rolfe, John and Windle, Jill, 2012, Testing benefit transfer of reef protection values between local case studies: The Great Barrier Reef in Australia, Ecological Economics, 81, pp. 60-69.

Rosenberger, **Randall and Loomis**, **John**, 2000, Panel stratification in meta-analysis of economic studies: an investigation of its effects in the recreation valuation literature., Journal of Agricultural and Applied Economics, 32, 3. pp. 459-470. December 2000.

Rosenberger, Randall and Phipps, T, 2007, Correspondence and Convergence in Benefit Transfer Accuracy: Meta-analytic Review of the Literature, in Ready, S. Navrud & R., <u>Environmental values transfer: issues and methods</u>, Dordrecht, Springer Netherlands, pp. 23-43.

Rosenberger, **Randall and Stanley**, **Tom**, 2006, Measurement, generalization, and publication: Sources of error in benefit transfers and their management, Ecological Economics, 60, 2, pp. 372-378.

Saunders, J, Tinch, R and Hull, S, 2010, Valuing the Marine Estate and UK Seas: An Ecosystem Services Framework, Printer, Queen's, Marine Estate Research Report, The Crown Estate, ISBN: 978-1-906410-15-5.

Scholes, Robert and Biggs, R, 2005, A biodiversity Intactness Index, Nature, 434, 3. pp. 45-49. 3 March 2005.

Seifert-Dähnn, Isabel, Barkved, Line Johanne and Interwies, Eduard, 2015, Implementation of the ecosystem service concept in water management – Challenges and ways forward, Sustainability of Water Quality and Ecology, 2015, pp. 1-6.

Shrestha, Ram and Loomis, John, 2001, Testing a meta-analysis model for benefit transfer in international outdoor recreation. Ecological Economics, 39, 1, pp. 67-83.

Sievanen, Leila, Leslie, Heather, Wondolleck, Julia, Yaffee, Steven, McLeod, Karen and Campbell, Lisa, 2011, Linking top-down and bottom-up processes through the new U.S. National Ocean Policy, Conservation Letters, 4, 4, pp. 298-303.

Sorg, Cindy and Loomis, John, 1984, Empirical estimates of amenity forest values: a comparative review, Agriculture, US Department of, Fort Collins - Colorado, USA, Department of Agriculture, Rocky Mountain Forest and Range Experiemnet Station, General technical Report RM-107, 23 p.

Spangenberg, **Joachim**, **Douguet**, **Jean-Marc**, **Settele**, **Josef and Heong**, **Kong Luen**, 2014, Escaping the lock-in of continuous insecticide spraying in rice: Developing an integrated ecological and socio-political DPSIR analysis, Ecological Modelling, pp. 1-8.

Spash, Clive, 2009, The New Environmental Pragmatists, Pluralism and Sustainability, Environmental Values, 18, 3, pp. 253-256.

Spash, Clive and Vatn, Arild, 2006, Transferring environmental value estimates: Issues and alternatives, Ecological Economics, 60, 2, pp. 379-388.

Stallman, Heidi, 2011, Ecosystem services in agriculture: Determining suitability for provision by collective management, Ecological Economics, 71, pp. 131-139.

Stenger, Anne, Harou, Patrice and Navrud, Stale, 2009, Valuing Environmental goods and services derived from the forests, Journal of Forest Economics, 15, pp. 1-14.

Stiglitz, **Joseph**, **Sen**, **Amartya** and **Fitoussi**, **Jean-Paul**, 2009, Report by the Commission on the Measurement of Economic Performance and Social Progress, Progress, Commission on the Measurement of Economic Performance and Social, Paris/France, 324 p.

Summers, J. K, Smith, L. M, Case, J. L and Linthurst, R. A, 2012, A Review of the Elements of Human Well-Being with an Emphasis on the Contribution of Ecosystem Services, Ambio, 41, 4. pp. 327-340.

Sundberg, Sara and Söderqvist, Tore 2004, The economic value of environmental change in Sweden: a survey of studies, Naturvårdsverket, Stockholm, Sweden, Swedish Environmental Protection Agency, Report 5360. pp. 1-115.

Swinton, Scott M, Lupi, Frank, Robertson, G. Philip and Hamilton, Stephen K, 2007, Ecosystem services and agriculture: Cultivating agricultural ecosystems for diverse benefits, Ecological Economics, 64, 2, pp. 245-252.

Tafi, Jana and Weber, Jean-Louis, 2000, Inland Water Accounts of the Republic of Moldova: Preliminary results of resource Accounts in Raw Quantities, 1994 & 1998, EUROSTAT Technical Report, European Commission, Luxembourg, Statistical Office of the European Commission,

Tallis, Heather and Kareiva, Peter, 2005, Essay: ecosystem services, Current Biology, 15, 17, R746-R748.

Toman, Michael, 1998, Why not to calculate the value of the world's ecosystem services and natural capital, Ecological Economics, 25, 1, pp. 57-60.

Troy, Austin and Wilson, Matthew, 2000, Mapping ecosystem services: Practical challenges and opportunities in linking GIS and value transfer, Ecological Economics, 60, 2, pp. 435-449.

Turner, K, Adger, W and Brouwer, R, 1998, Ecosystem services value, research needs, and policy relevance: a commentary, Ecological Economics, 25, 1, pp. 61-65.

Turner, Kerry, Morse-Jones, Sian and Fisher, Brendan, 2010, Ecosystem valuation. A sequential decision support system and quality assessment issues., in Reviews, Ecological Economics, <u>Annals of the New York Academy of Social Sciences</u>, New York, Vol. 1185, pp. 79-101, ISSN 0077-8923.

Turner, Kerry, Paavola, Jouni, Cooper, Philip, Farber, Sthephen, Jessamy, Valma and Georgiou, Stavros, 2003, Valuing nature: Lessons learned and future research directions, Ecological Economics, 46, 3, pp. 493-510.

UN, 2013, Framework for the Development of Environment Statistics (FDES), Division, United Nations Statistics, New York, USA, United Nations, 291 p.

UN, 2012, SEEA Water, System of Environmental-Economic Accounting for Water, Affairs, Department of Economic and Social, United Nations Statistics Division, New York, USA, United Nations, ST/ESA/STAT/SER.F/100. 216 p.

UN, 2003, Handbook of National Accounting: Integrated Environmental and Economic Accounting 2003, United Nations Studies in Methods, New York, USA, United Nations, n° 61, 598 p.

UNSD, 2005, Integrated Environmental and Economic Accounting for Water Resources, Accounting, The London Group on Water, United Nations Statistics Division, Draft (August 2005), 227 p.

van den Belt, Marjan, Forgie, V and Farley, Joshua, 2011, Valuation of coastal ecosystem services, in Wolanski, Erick and McLusky, Donald, <u>Treatise on estuarine and coastal science</u>, Amsterdam, Boston, London, New York, Oxford, Paris, Sydney, Tokyo, Singapore, San Francisco, London Elsevier: Academic Press, Vol. 12, pp. 35-54, ISBN: 978-0-08-087885-0

Van der Ploeg, S and de Groot, R, 2010, The TEEB Valuation Database – a searchable database of 1310 estimates of monetary values of ecosystem services. Wageningen, the Netherlands, Foundation for Sustainable Development

Vatn, Arild, 2010, An institutional analysis of payments for environmental services, Ecological Economics, 69, 6, pp. 1245-1252.

Vatn, Arild, 2009, An institutional analysis of methods for environmental appraisal, Ecological Economics, 68, 8-9, pp. 2207-2215.

Videira, N, van den Belt, Marjan, Antunes, R, Santos, R and Boumans, Roelof, 2011, Integrated modeling of coastal and estuarine ecosystem services, in Wolanski, Erick and McLusky, Donald, <u>Treatise on estuarine and coastal science</u>, Amsterdam, Boston, London, New York, Oxford, Paris, Sydney, Tokyo, Singapore, San Francisco, London Elsevier: Academic Press, Vol. 12, pp. 79-108, ISBN: 978-0-08-087885-0

Villa, Ferdinando, Ceroni, Marta, Bagstad, Ken, Johnson, Gary and Krivov, Sergey, 2009, ARIES (ARtificial Intelligence for Ecosystem Services): a new tool for ecosystem services assessment, planning, and valuation, BioEcon, 2009, pp. 1-10.

Villa, Ferdinando, Ceroni, Marta and Krivov, Sergey, 2007, Intelligent databases assist transparent and sound economic valuation of ecosystem services. Environmental Management, 39, 6, pp. 887-899.

Villa, F, Voigt, B, Batker, D, Johnson, G, Harrison-Cox, J, Bagstad, K and Portela, Rosimeiry, 2012, ARIES: Artificial Intelligence for Ecosystem Services.

von Döhren, Peer and Haase, Dagmar, 2015, Ecosystem disservices research: A review of the state of the art with a focus on cities, Ecological Indicators, 52, pp. 490-497.

Wainger, Lisa and Mazzotta, Marisa, 2011, Realizing the Potential of Ecosystem Services: A Framework for Relating Ecological Changes to Economic Benefits., Environmental Management, 48, 4. pp. 710-733. ISSN 0364-152X

Walker, Brian, Holling, C, Carpenter, Stephen and Kinzig, Ann, 2004, Resilience, Adaptability and Transformability in Social—ecological Systems, Ecology and Society, 9, 2, pp. 1-9.

Wallace, Ken, 2007, Classification of ecosystem services: Problems and solutions. Biological Conservation, 139, 3-4, pp. 235-246.

Walsh, Richard, Johnson, Donn and McKean, John, 1988, Review of Outdoor Recreation Demand Studies with Nonmarket Benefit Estimates 1968-1988, University, Colorado State, Fort Collins- Colorado, USA, Department of Agricultural and Resource Economics, Technical Report No. 54, 131 pp.

Walz, Ariane, Lardelli, Corina, Behrendt, Heiko, Grêt-Regamey, Adrienne, Lundström, Corinne, Kytzia, Susanne and Bebi, Peter, 2007, Participatory scenario analysis for integrated regional modelling, Landscape and Urban Planning, 81, 1-2, pp. 114-131.

Weber, Jean-Louis, 2014, Ecosystem Natural Capital Accounts: A Quick Start Package. For implementing Aichi Biodiversity Target 2 on Integration of Biodiversity Values in National Accounting Systems in the context of the SEEA Experimental Ecosystem Accounts, Diversity, Convention on Biological, Montreal, Canada, Secretariat of

the Convention on Biological Diversity, 248 p.

Weber, Jean-Louis, 2011, Ecosystem services in green national accounting, in Kollner, T (Ed), <u>Ecosystem Services and Golbal Trade of Natural Resources</u>. <u>Ecology, Ecomics and Policies</u>, London, UK, Routledge, pp. 172-186

Weber, Jean-Louis, 2011, An Experimental Framework for Ecosystem Capital Accounting in Europe, Agency, European Environment, Copenhagen, Danemark, European Environment Agency, 46 p.

Weber, Jean-Louis, 2007, Implementation of land and ecosystem accounts at the European Environment Agency, Ecological Economics, 61, 4, pp. 695-707.

Weber, Jean-Louis, 1987, Ecologie et statistique: les comptes du patrimoine naturel, Journal de la Société de Statistiques de Paris, 128, pp. 137-162.

Weber, Jean-Louis, 1983, The French natural patrimony accounts, Statistical Journal of the United Nations Economic Commission for Europe, 1, pp. 419-444.

Wegner, Giulia and Pascual, Unai, 2011, Cost-benefit analysis in the context of ecosystem services for human well-being: A multidisciplinary critique, Global Environmental Change, Volume 21, Issue 2, pp. 492–504.

Westman, Walter, 1977, How much are nature's services worth? Measuring the social benefits of ecosystem functioning is both controversial and illuminating., Science, 197, 4307, pp. 960-964.

Wilson, Matthew and Hoehn, John, 2006, Valuing environmental goods and services using benefit transfer: The state-of-the art and science, Ecological Economics, 60, 2, pp. 335-342.

Wilson, Matthew and Howarth, Richard, 2002, Discourse-based valuation of ecosystem services: establishing fair outcomes through group deliberation., Ecological Economics, 41, 3, pp. 431-443.

World Bank, 2005, How Much is an Ecosystem Worth?, The World Bank, Washington, DC, The International Bank for Reconstruction and Development/The World Bank

Yarbakhsh, **E**, 2012, Appendix 1, the people on country project, in Altman, J and Kerins, S, <u>People on country</u>, vital landscape, indigenous futures, Canberra, Australia, The Federation Press, pp. 232-235,

Zhang, Wei, Ricketts, Taylor, Kremen, Claire, Carney, Karen and Swinton, Scott, 2007, Ecosystem services and dis-services to agriculture, Ecological Economics, 64, pp. 253-260.

Partie 2 - Vulnérabilité du milieu aquatique et côtier en cas d'accident nucléaire

Baklanov, **A**, 2003, Nuclear Risk and Vulnerability, in <u>Social and Environmental Impacts in the North: Methods in Evaluation of Socio-Economic and Environmental Consequences of Mining and Energy Production in the Arctic and Sub-Arctic, pp. 385-405, 978-1-4020-1669-1.</u>

Baklanov, A, Mahura, A, Jaffe, D, Thaning, L, Bergman, R and Andres, R, 2002, Atmospheric transport patterns and possible consequences for the European North after a nuclear accident, Journal of Environmental Radioactivity, 60, 1-2, pp. 23-48.

Blowers, A, 1999, Nuclear waste and landscapes of risk, Landscape Research, 24, 3. pp. 241-264.

Buesseler, Ken, Aoyama, Michio and Fukasawa, Masao, 2011, Impacts of the Fukushima Nuclear Power Plants on Marine Radioactivity, Environmental Science & Technology, 45, 23. pp. 9931-9935. October 2011.

Cutter, Susan, 2006, Hazards Vulnerability and Environmental Justice, Earthscan, UK and USA.

Fuchigami, M and Kasahara, N, 2015, The Fukushima nuclear power plant accident: the main sequence of events, in Yotaro Hatamura, Seiji Abe, Masao Fuchigami, Naoto Kasahara and Kenji Iino, <u>The 2011 Fukushima Nuclear</u> Power Plant Accident. How and Why It Happened, Elsevier, pp. 21-96, ISBN: 978-0-08-100118-9.

Gralla, Fabienne, Abson, David, Moller, Anders, Lang, Daniel and von Wehrden, 2014, The impact of nuclear accidents on provisioning ecosystem services, Ecological Indicators, 41, June 2014. pp. 1-14.

Hasegawa, Koichi, 2012, Facing Nuclear Risks: Lessons from the Fukushima Nuclear Disaster, International Journal of Japanese Sociology, 21, 1. pp. 84-91.

IRSN, 2012, Fukushima, un an après. Premières analyses de l'accident et de ses conséquences, IRSN, Institut de Radioprotection de Sûreté Nucléaire, 189 p.

Kennedy, R and Kirwan, B, 1998, Development of a Hazard and Operability-based method for identifying safety management vulnerabilities in high risk systems, Safety Science, 30, 3. pp. 249-274.

Kumamoto, Yuichiro, Aoyama, Michio, Hamajima, Yasunori, Murata, Akihiko and Kawano, Takeshi, 2015, Impact of Fukushima-derived radiocesium in the western North Pacific Ocean about ten months after the Fukushima Dai-ichi nuclear power plant accident, Journal of Environmental Radioactivity, 140, February 2015. pp. 114-122.

Lipscy, Philippe, Kushida, Kenjy and Incerty, Trevor, 2013, The Fukushima Disaster and Japan's Nuclear Plant Vulnerability in Comparative Perspective, Environmental Science & Technology, 47, 12. pp. 6082–6088.

Min, Buyng-II, Perianez, Raul, Park, Kihyun, Kim, In-Guy and Suh, Kyung-Suk, 2014, Assessment in marine environment for a hypothetic nuclear accident based on the database of tidal harmonic constants, Marine Pollution Bulletin, 87, 1-2. pp. 269-275.

Povinec, Pavel, Hirose, Katsumi and Aoyama, Michio, 2013, Fukushima Accident: Radioactivity Impact on the Environment, Elsevier, Oxford (UK), Waltham (USA), Amsterdam (Netherlands)

Sohtome, Tadahiro, Wada, Toshihiro, Mizuno, Takuji, Nemoto, Yoshiharu, Igarashi, Satoshi, Nishimune, Atsushi, Aono, Tatsuo, Ito, Yukari, Kanda, Jota and Ishimaru, Takashi, 2014, Radiological impact of TEPCO's Fukushima Dai-ichi Nuclear Power Plant accident on invertebrates in the coastal benthic food web, Journal of Environmental Radioactivity, 138, pp. 106-115.

Strand, P, Howard, B, Aarkrog, A, Balonov, M, Tsaturov, Y, Bewers, J, Salo, A, Sickel, M, Bergman, R and Rissanen, K, 2002, Radioactive contamination in the Arctic—sources, dose assessment and potential risks, 60, 1-2. pp. 5-21.

Wada, Toshihiro , Nemoto, Yoshiharu , Shimamura, Shinya , Fujita, Tsuneo , Mizuno, Takuji , Sohtome, Tadahiro , Kyoichi, Kamiyama, Morita, Takami and Igarashi, Satoshi 2013, Effects of the nuclear disaster on marine products in Fukushima, Journal of Environmental Radioactivity, 124, pp. 246-254. October 2013.

Zeigler, Donald, Brunn, Stanley and Johnson, James, 1981, Evacuation from a Nuclear Technological Disaster, American Geographical Society, 71, 1, pp. 1-16.

Partie 3 - Modèle Inpout-Output

(De Jean-Pierre Doussoulin)

Anderson, A. W and Manning, T. W, 1983, The Use of Input-Output Analysis in Evaluating Water Resource Development, Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie, 31, 1, pp.15-26.

Ayres, Robert U and Kneese, Allen V, 1969, Production, consumption and externalities. American Economic Review, 59, pp. 282-297.

Bailey, Reid, Allen, Janet K. and Bras, Bert, 2004, Applying Ecological Input-Output Flow Analysis to Material Flows in Industrial Systems: Part I: Tracing Flows, Journal of Industrial Ecology, 8, 1-2. pp. 45-68.

Bringezu, **Stefan**, **Schütz**, **Helmut** and **Moll**, **Stephan**, 2003, Rationale for and Interpretation of Economy-Wide Materials Flow Analysis and Derived Indicators, Journal of Industrial Ecology, 7, 2, pp. 43-64.

Cobas-Flores, E, 1996, Life-cycle assessment using input-output analysis.

Cordier, Mateo, Pérez Agúndez, José A., O'Connor, Martin, Rochette, Sébastien and Hecq, Walter, 2011, Quantification of interdependencies between economic systems and ecosystem services: An input–output model applied to the Seine estuary, Ecological Economics, 70, 9. pp. 1660-1671.

Cumberland, J.H, 1996, A regional inter-industry model for the analysis of development objectives. Papers in Regional Science Association, 17, pp. 64–94.

Daly, Herman E., 1968, On Economics as a Life Science, Journal of Political Economy, 76, 3, pp. 392-406.

Dietzenbacher, **Erik**, 2005, Waste treatment in physical input—output analysis, Ecological Economics, 55, 1, pp.11-23.

Duchin, F, 2005, A world trade model based on comparative advantage with m regions, n goods, and k factors, Economic Systems Research, 17, 2, pp.141-162.

Duchin, F, 1994, Reducing CO2 emissions: A comparative input-output study for Germany and the UK.: J.L.R. Proops, M. Faber and G. Wagenhals, Springer-Verlag, Berlin, 1992, Ecological Economics, 11, 1, pp. 85-86.

Duchin, F, 1992, Industrial input-output analysis: Implications for industrial ecology. Colloquium paper, n°89, pp.851-855.

Duchin, F., Dietzenbacher, E. and Lahr, M. L., 2004, Wassily Leontief and Input-Output Economics, 47.

Duchin, F, Lange, G. M and Johnse, T, 1990, Strategies for Environ-Strategies for Environmentally Sound Development: Progress Report. Institute of Economic Analysis,

Førsund, Finn R. and Strøm, Steinar, 1976, The generation of residual flows in Norway: an input-output approach, Journal of Environmental Economics and Management, 3, 2, pp.129-141.

Giljum, Stefan and Hubacek, Klaus, 2004, Alternative Approaches of Physical Input–Output Analysis to Estimate Primary Material Inputs of Production and Consumption Activities, Economic Systems Research, 16, 3, pp. 301-310.

Guinée, J. B., 2002, Handbook on Life Cycle Assessment

Hannon, Bruce, 2001, Ecological pricing and economic efficiency, Ecological Economics, 36, 1, pp. 19-30.

He, S, Polenske, K R, Lahr, M L and Dietzenbacher, E, 2001, Input–Output Analysis: Frontiers and Extensions, 161.

Hoekstra, **R and Van den Bergh**, **Jeroen C J M**, 2006, Constructing physical input-output tables for environmental modeling and accounting: Framework and illustrations. Ecological Economics, 59, pp.375-393.

Hubacek, **Klaus and Giljum**, **Stefan**, 2003, Applying physical input–output analysis to estimate land appropriation (ecological footprints) of international trade activities, Ecological Economics, 44, 1, pp.137-151.

Johnson, Manuel H. and Bennett, James T., 1981, Regional environmental and economic impact evaluation: An input-output approach, Regional Science and Urban Economics, 11, 2, pp. 215-230.

Joshi, Satish, 1999, Product Environmental Life-Cycle Assessment Using Input-Output Techniques, Journal of Industrial Ecology, 3, 2-3, pp. 95-120.

Kagawa, S, Inamura, H and Moriguchi, Y, 2004, Simple multi-regional input-output account for waste analysis. Economic Systems Research, 16, pp. 1–20.

Keuning, Steven J., van Dalen, Jan and de Haan, Mark, 1999, The Netherlands' NAMEA; presentation, usage and future extensions, Structural Change and Economic Dynamics, 10, 1, pp. 15-37.

Kondo, Yasushi and Nakamura, Shinichiro, 2005, Waste input-output linear programming model with its application to eco-efficiency analysis, Economic Systems Research, 17, 4, pp. 393-408.

Konijn, Paul, de Boer, Sake and van Dalen, Jan, 1997, Input-output analysis of material flows with application to iron, steel and zinc, Structural Change and Economic Dynamics, 8, 1, pp. 129-153.

Kratterl, A and Kratena, K, 1990, Reale Input-Output Tabelle und ökologischer Kreislauf. Physica-Verlag,

Lahr, M. L. and Dietzenbacher, E., 2001, Input-Output Analysis: Frontiers and Extensions, 211 p.

Lave, L. B, Cobas-Flores, C, Hendrickson, C. T and McMichael, F.C, 1995, Using input-output analysis to estimate economy-wide discharges. Environmental Science and Technology, 29, 420A–426A.

Lenzen, Manfred and Reynolds, Christian John, 2014, A Supply-Use Approach to Waste Input-Output Analysis, Journal of Industrial Ecology, 18, 2, pp. 212-226.

Leontief, W, 1986, Input-Output Economics, 392 p.

Leontief, W, 1936, Quantitative input and output relations in the economic system of the United States. Review of Economics and Statistics, 18, pp. 105–125.

Leontief, W, Brody, A and Carter, A. P, 1972, Input-Output Techniques.

Leontief, W, Carter, A. P and Petri, P, 1977, The Future of the World Economy.

Leontieff, W, 1970, Environmental repercussions and the economic structure: an input-output approach. 52, pp.262-271.

Li, Jing, Lin, Chen and Huang, Shaoan, 2013, Considering Variations in Waste Composition during Waste Input-Output Modeling, Journal of Industrial Ecology, 17, 6, pp. 892-899.

Liang, S, Zhang, T and Xu, Y, 2012, Comparisons of four categories of waste recycling in China's paper industry based on physical input-output life-cycle assessment model, Waste Management, 32, 3, pp. 603-612.

Lin, Chen, 2009, Hybrid input–output analysis of wastewater treatment and environmental impacts: A case study for the Tokyo Metropolis, Ecological Economics, 68, 7, pp. 2096-2105.

Lin, Xiannuan and Polenske, Karen R, 1998, Input—output modeling of production processes for business management, Structural Change and Economic Dynamics, 9, 2, pp. 205-226.

Los, B., 2011, The Output of Input-Output Analysis: A Bibliometric Study (1996-2008).

Mcdonald, Garry, 2010, A didactic Input-Output model for territorial ecology analyses. Working Papers,

Miller, R. E. and Blair, P. D., 2009, Input-Output Analysis: Foundations and Extensions.

Miller, R E and Blair, P D, 1985, Input–output analysis: Foundations and Extensions. Prentice-Hall, Englewood Cliffs,

Nakamura, Shinichiro, 2003, The Waste Input-Output Table for Japan 1995.

Nakamura, Shinichiro, 1999, First International Symposium on Environmentally Conscious Design and Inverse Manufacturing, Proceedings 475 p.

Nakamura, Shinichiro, 1999, An interindustry approach to analyzing economic and environmental effects of the recycling of waste, Ecological Economics, 28, 1, pp. 133-145.

RRR-2015-02

Nakamura, Shinichiro and Kondo, Yasushi, 2002, Input-Output Analysis of Waste Management, Journal of Industrial Ecology, 6, 1, pp. 39-63.

Nansai, K., Moriguchi, Y. and Tohno, S., 2002, Embodied Energy and Emission Intensity for Japan Using Input—Output Tables (3EID): Inventory Data for LCA.

Pedersen, O G, 1999, Physical input-output tables for Denmark. Products and materials 1990, air emissions 1990–92, Copenhagen: Statistics Denmark,

Pimenteira, C. A. P., Carpio, L. G. T., Rosa, L. P. and Tolmansquim, M. T., 2005, Solid wastes integrated management in Rio de Janeiro: input–output analysis, Waste Management, 25, 5, 539-553. //. 0956-053X

Rosenblum, **J**, **Horvard**, **A and Hendrickson**, **C**, 2000, Environmental implications of service industries. Environmental Science and Technology, 34, pp. 4669–4676.

Strømman, A H, Peters, G, Hertwich, E G and Duchin, F, 2005, The global value chain impacts of increased chinese demand on aluminium.

Suh, S, 2004, Functions, commodities and environmental impacts in an ecological–economic model. Ecological Economics, 48, pp. 451–467.

Suh, Sangwon and Huppes, Gjalt, 2002, Missing inventory estimation tool using extended input-output analysis. The International Journal of Life Cycle Assessment, 7, pp. 134-140.

Suh, Sangwon and Kagawa, Shigemi, 2005, Industrial ecology and input-output economics: an introduction, Economic Systems Research, 17, 4, pp. 349-364.

Suh, Sangwon, Lenzen, Manfred, Treloar, Graham J., Hondo, Hiroki, Horvath, Arpad, Huppes, Gjalt, Jolliet, Olivier, Klann, Uwe, Krewitt, Wolfram, Moriguchi, Yuichi, Munksgaard, Jesper and Norris, Gregory, 2003, System Boundary Selection in Life-Cycle Inventories Using Hybrid Approaches, Environmental Science & Technology, 38, 3. pp. 657-664.

UN, 2003, Integrated environmental and economic accounting 2003. New York: United Nations,

Victor, A, 1972, Pollution: Economy and Environment. George Allen and Unwin,

Weisz, H and Duchin, F, 2005, Physical and monetary input-output analysis: What makes the difference? Ecological Economics, 57, pp. 534–541.