



**Literature for MESC01, Sustainable Development Goals -  
Knowing, Measuring and Leading applies from spring semester  
2020**

Literature established by The Board of the Lund University Centre for  
Sustainability Studies on 2020-07-02 to apply from 2020-07-02

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See appendix.

**Globala målen - Kunskap, uppföljning och ledarskap, 5 högskolepoäng**  
*Sustainable Development Goals: Knowing Measuring, Leading, 5 credits*

MESC01 litteraturlista fastställd av LUCSUS styrelse den 2 juli 2020 (dnr STYR 2020/1220).

**Asantewaa Owusu, Phebe** and Asumadu-Sarkodie, S. (2016). A review of renewable energy sources, sustainability issues and climate change mitigation. *Cogent Engineering* (2016), 3:1167990. (14 pages)

Attaran A (2005) An immeasurable crisis? A criticism of the Millennium Development Goals and why they cannot be measured. *PLoS Med* 2(10): e318. (7 pages)

**Clark, D.** (2015). Learning how to become a leader. *Forbes*, 40 (587) (Jan, 8, 2015) (2 pages)

Edstedt, K., Carton, W. 2018. The benefits that (only) capital can see? Resource access and degradation in industrial carbon forestry, lessons from the CDM in Uganda  
*Geoforum*. 97:315-323; Elsevier, 2018 (8 pages)

**Figueres, C.**, and Rivett-Carnac, 2020. The Future We Choose: Surviving the Climate Crisis. Random House. (Chapter 8, Doing what is necessary, 69 pages)

Gifford, R. (2011). The Dragons of Inaction: Psychological Barriers That Limit Climate Change Mitigation and Adaptation. *American Psychologist - AMER PSYCHOL.* 66. 290-302. 10.1037/a0023566. (12 pages)

Goleman, D. 2017. What Makes a Leader? *Harvard Business Review Press*. eISBN:978-1-63369-261-9 (40 pages)

González-Eguino, Mikel (2015). Energy poverty: An overview. *Renewable and Sustainable Energy Reviews* 47: 377–385 (8 pages)

Griggs, D., Stafford-Smith, M., Gaffney, O. et al. (2013). Sustainable development goals for people and planet. *Nature* 495, 305–307 <https://doi.org/10.1038/495305a> (3 pages)

Heath, C., and Heath D., 2014. Decisive. How to make better choices in life and work. *Random House Business*. Chapter 1. 1-10 pp (10 pages)

**Jogulu, U. D.** (2010). Culturally-linked leadership styles. *Leadership & Organization Development Journal*. (18 pages)

Kim, Daniel H. (1999) Introduction to systems thinking. Pegasus Communications Inc. (21 pages) <https://thesystemsthinker.com/introduction-to-systems-thinking/>

Kristensen, Peter, 2004. The DPSIR Framework. National Environmental Research Institute, Denmark, European Environment Agency (10 pages)

Lichtenstein, B. B., & Plowman, D. A. (2009). The leadership of emergence: A complex systems leadership theory of emergence at successive organizational levels. *The Leadership Quarterly*, 20(4), 617–630. doi: 10.1016/j. (13 pages)

McCann, J. T., & Holt, R. A. (2010). Defining sustainable leadership. *International Journal of Sustainable Strategic Management*, 2(2), 204-210. (6 pages)

Mitchell, R. K., Agle, B. R., & Wood, D. J. (1997). Toward a theory of stakeholder identification and salience: Defining the principle of who and what really counts. *Academy of management review*, 22(4), 853-886 (33 pages)

Nilsson M. Griggs, D. Visbeck, M. 2016. Map the interactions between SDGs. *Comment in Nature Vol 534, 2016* (3 pages)

Norström, A. V., A. Dannenberg, G. McCarney, M. Milkoreit, F. Diekert, G. Engström, R. Fishman, J. Gars, E. Kyriakopoulou, V. Manoussi, K. Meng, M. Metian, M. Sanctuary, M. Schlüter, M. Schoon, L. Schultz, and M. Sjöstedt. 2014. Three necessary conditions for establishing effective Sustainable Development Goals in the Anthropocene. *Ecology and Society* 19(3): 8. <http://dx.doi.org/10.5751/ES-06602-190308> (8 pages)

O'Brien, K., and L. Sygna. 2013. Responding to climate change: The three spheres of transformation. *Transformation in a Changing Climate*. University of Oslo, Oslo. (30 pages)

Pradhan, P., Costa, L., Rybski, D., Lucht, W., & Kropp, J. P. (2017). A Systematic Study of Sustainable Development Goal (SDG) Interactions, *Earth's Future*, 5, 1169–1179 <https://doi.org/10.1002/2017EF000632> (11 pages)

Raelin, J. A. (2014). Imagine there are no leaders: Reframing leadership as collaborative agency. *Leadership*, 12(2), 131–158 (27 pages) doi: 10.1177/1742715014558076

Report of the World Commission on Environment and Development: *Our Common Future* (1987) <https://sustainabledevelopment.un.org/content/documents/5987our-common-future.pdf> (300 pages)

Johan Rockström, Will Steffen, Kevin Noone, Åsa Persson, F. Stuart Chapin III, Eric F. Lambin, Timothy M. Lenton, Marten Scheffer, Carl Folke, Hans Joachim Schellnhuber, Björn Nykvist, Cynthia A. de Wit, Terry Hughes, Sander van der Leeuw, Henning Rodhe, Sverker Sörlin, Peter K. Snyder, Robert Costanza, Uno Svedin, Malin Falkenmark, Louise Karlberg, Robert W. Corell, Victoria J. Fabry, James Hansen, Brian Walker, Diana Liverman, Katherine Richardson, Paul Crutzen & Jonathan A. Foley A safe operating space for humanity. *Nature* 461, 472–475 (2009). <https://doi.org/10.1038/461472a> (3 pages)

Sachs, J., Schmidt-Traub, G., Kroll, C., Lafortune, G., Fuller, G., Woelm, F. 2020. The Sustainable Development Goals and COVID-19. *Sustainable Development Report 2020*. Cambridge: Cambridge University Press. <https://sdgindex.org/reports/sustainable-development-report-2020/> (520 pages)

Satell, G. (2019). Tips for managing organizational change. *Harvard Business Review* (August, 27, 2019) (5 pages)

Sharma, M., 2007. Personal to Planetary Transformation. *Kosmos Journal for Global Transformation*. (5 pages) <https://www.kosmosjournal.org/article/personal-to-planetary-transformation/>

Sovacool, B. K., & Dworkin, M. H. (2015). Energy justice: Conceptual insights and practical applications. *Applied Energy*, 142, 435-444. (11 pages)

Spanò Marinella, Francesco Gentile, Clive Davies, Raffaele Laforteza (2017) The DPSIR framework in support of green infrastructure planning: A case study in Southern Italy. *Land Use Policy* 61 (2017) 242–250 (8 pages)

Steffen, Will, Åsa Persson, Lisa Deutsch, Jan Zalasiewicz, Mark Williams, Katherine Richardson, Carole Crumley, Paul Crutzen, Carl Folke, Line Gordon, Mario Molina, Veerabhadran Ramanathan, Johan Rockström, Marten Scheffer, Hans Joachim Schellnhuber, Uno Svedin (2011) *The Anthropocene: From Global Change to Planetary Stewardship. AMBIO (2011) 40:739–761* DOI 10.1007/s13280-011-0185-x (23 pages)

Thunberg, G. 2019. *No One is Too Small to Make a Difference*. Penguin Books Ltd. (80 pages)

United Nations. 2015. *Transforming Our World: The 2030 Agenda For Sustainable Development A/RES/70/1*  
<https://sustainabledevelopment.un.org/post2015/transformingourworld/publication> (41 pages)

Weitz, N., Carlsen, H., Nilsson, M. and Skånberg, K. (2018). Towards systemic and contextual priority setting for implementing the 2030 Agenda. *Sustainability Science*, 13(2). 531–48. DOI: 10.1007/s11625-017-0470-0 (17 pages)

Weitz, N., Carlsen, H., Trimmer, C (2019) *SDG Synergies: An approach for coherent 2030 Agenda implementation*. Stockholm Environment Institute (4 pages)

Zeng, Y., Maxwell, S., Runting, R.K. *et al.* Environmental destruction not avoided with the Sustainable Development Goals. *Nat Sustain* (2020). <https://doi.org/10.1038/s41893-020-0555-0> (6 pages)

**Female authors.**

**Total number of pages:** approx. 1350. Students are expected to read only parts of the 820 pages in the Report of the World Commission on Environment and Development: *Our Common Future* (1987) and The Sustainable Development Goals and COVID-19. *Sustainable Development Report 2020*.