



Faculty of Health, Science and Technology
Environmental Science

Course Reading

Sustainable Development from a Safety Perspective

Valid from 02/14/2019

Course Code: MVAE34

Course Title: Sustainable Development from a Safety Perspective

Credits: 7.5 ETCS cr

Degree Level: Second cycle, has only first-cycle course/s as entry requirements

Books

Becker, Per (2014). *Sustainability Science: Managing Risk and Resilience for Sustainable Development*. Amsterdam The Netherlands: Elsevier

Articles

Bradshaw, S (2015). Engendering development and disasters. *Disasters*, 39 (s1), 54-75

Burns, T.R. and Machado Des Johansson, N. (2017). Disaster Risk Reduction and Climate Change Adaptation? A Sustainable Development Systems Perspective. *Sustainability*, 9(2), p.293

Hallegatte, S. and Rentschler, J. (2015). Risk management for development? Assessing obstacles and prioritizing action. *Risk Analysis*, 35(2), pp.193-210

Kelman, I. (2015). Climate Change and the Sendai Framework for Disaster Risk Reduction. *International journal of disaster risk*, 6 (2), pp. 117-127

Kelman, I. (2017). Linking disaster risk reduction, climate change, and the sustainable development goals. *Disaster Prevention and Management: An International Journal*, 26(3), pp.254-258

Mebratu, D (1998). Sustainability and Sustainable Development: Historical and Conceptual Review. *Environmental Impact Assessment Review*, 18, 493-520

Rodriguez-Navas, G., Duboc, L., Betz, S., Chitchyan, R., Penzenstadler, B., & Venters, C (2015). Safety vs. sustainability design: Analogies, differences and potential synergies

Stephenson, R.S. and DuFrane, C. (2002). Disasters and development: Part 2: Understanding and exploiting disaster-development linkages. *Prehospital and disaster medicine*, 17(3), pp.170-175

Stephenson, R.S., and DuFrane, C (2002). Disasters and Development: Part I. Relationships between disasters and development

Misc.

Eurostat (2015), Sustainable development in the European Union 2015 monitoring report of the EU sustainable development strategy

MSB (2013), Five challenging future scenarios for societal security, <https://www.msb.se/RibData/Filer/pdf/26562.pdf>

Strange, Tracey. Bayley Anne (2008), Sustainable development. Linking economy, society and environment, www.oecd.org/insights/sustainabledevelopment (View inside).

UN (1987), Our common future, <http://www.un-documents.net/our-common-future.pdf>

UN (2015), Transforming Our world: The 2030 Agenda for Sustainable Development, <https://sustainabledevelopment.un.org/content/documents/21252030%20Agenda%20for%20Sustainable%20Development%20web.pdf>

UNISDR (2015), Sendai Framework for Disaster Risk Reduction 2015-2030, https://www.preventionweb.net/files/43291_sendaiframeworkfordrren.pdf

World Bank (2013), World Development Report 2014: Risk and Opportunity - Managing Risk for Development, https://siteresources.worldbank.org/EXTNWDR2013/Resources/8258024-1352909193861/8936935-1356011448215/8986901-1380046989056/WDR-2014_Complete_Report.pdf

Reference material

Hartmann, B. (1998). Population, environment and security: a new trinity. *Environment and urbanization*, 10(2), pp.113-128

Kötter, T. Risks and opportunities of urbanisation and megacities. *Proceedings of the FIG Working Week, Athens, Greece*

Mochizuki, J., Mechler, R., Hochrainer-Stigler, S., Keating, A. and Williges, K (2014). Revisiting the disaster and development debate Toward a broader understanding of macroeconomic risk and resilience. *Climate Risk Management*, 3, pp.39-54.

Ray, P.A., Yang, Y.C.E., Wi, S., Khalil, A., Chatikavanij, V. and Brown, C., 2015 (2015). Room for improvement: hydroclimatic challenges to poverty-reducing development of the Brahmaputra River basin. *Environmental Science & Policy*, 54, pp.64-80.

Robinson, J (2004). Squaring the circle? Some thoughts on the idea of sustainable development. *Ecological Economics*, 48(4), pp.369-384.

Fler vetenskapliga artiklar kan tillkomma

Approved by the Faculty Board of Health, Science and Technology 02/14/2019