

MASTER'S THESIS



Sustainability studies

Thesis from nature profile

1. How should we plan the restoration of endangered birds - present some examples of conservation measures.

- ✓ Sutherland W.J., Newton I., Green R. 2004. *Bird Ecology and Conservation: A Handbook of Techniques*. Oxford UP
- ✓ Williams D.R., Pople R.G., Showler D.A., Dicks L.V., Child M.F., Erasmus K.H.J. zu Ermgassen E.K.H.J., Sutherland W.J. 2013. *Bird Conservation: Global evidence for the effects of interventions*. Exeter, Pelagic Publishing.
- ✓ Perrins C.M., Lebreton J.D., Hirons G.J.M. 1991. *Bird Population Studies. Relevance to Conservation and management*. Oxford University Press.
- ✓ Krebs Ch.J. 2011. *Ekologia*. Warszawa, PWN.

2. Services provided by soil biodiversity. Explain how soil biology influences soil health and how biological properties and processes contribute to sustainability of land use and ecosystem services.

- ✓ Bardgett R.D., Usher B., Hopkins D.W. 2005. *Biological diversity and functions in soils*. Cambridge University Press.
- ✓ Bardgett R.D. 2015. *Earth Matters: How soil underlies civilization*. Oxford University Press.
- ✓ Paoletti M.G. 1999. *Invertebrate biodiversity as bioindicators of sustainable landscapes: practical use of invertebrates to assess sustainable land use*. Elsevier Academic Press.
- ✓ Wall D.H., Bardgett R.D., Behan-Pelletier V., Herrick J.E., Jones H., Ritz K., Six J., Strong D.R., van der Putten W.H. 2013. *Soil Ecology and Ecosystem Services*. Oxford University Press.

3. What are the significant past and current developments (milestones) in the major fields of biotechnology (food biotechnology, plant and animal biotechnology, and in medicine)?

- ✓ Verma A.A., Agrahari S., rastogi S, Singh A. 2011. Biotechnology in the Realm of History. *J Pharm Bioallied Sci.* 3(3): 321–323. doi: 10.4103/0975-7406.84430
- ✓ Ashim K. Chakravarty. 2013. *Introduction to Biotechnology*. Oxford University Press.

4. Anthropological stress markers to detect environmental condition.

- ✓ Larsen C.S., 2003. *Bioarchaeology*. Cambridge University Press (pp.6-61; 64-107).
- ✓ Tomczyk J., 2016. Biological Transformation among Historical Populations That Inhabited the Syrian Lower Euphrates Valley: From the Early Bronze Age to the Modern Period. in: *Advances in environmental research Vol.50*, Daniels J.A. (ed.). Nova Science Publishers: New York, 139–175.

Thesis from humanistic profile

1. The role of environmental principles in environmental law.

- ✓ Sands P., 2003. *Principles of International Environmental Law*. Cambridge University Press, Cambridge.
- ✓ Koivurowa T. 2014, *Introduction to International Environmental Law*. Routledge.

2. The role of virtue theory in environmental ethics.

- ✓ Cafaro P., Thoreau L., Towards an Environmental Virtue Ethics, *Environmental Ethics*. 23, 1: 3-17.
available at:
http://hettingern.people.cofc.edu/Environmental_Philosophy_Fall_2011/Cafaro_Thoreau_Leopold_Carson_Toward_an_Env_Virtue_Ethics.pdf
- ✓ Dzwonkowska D., 2013. Virtue and vice in environmental discourse. *Studia Ecologiae et Bioethicae* 11, 4: 61-76.
available at:
http://seib.uksw.edu.pl/sites/default/files/tom_11_4_5_dominika_dzwonkowska_virtue_and_vice_in_environmental_discourse.pdf

3. Discuss advantages and disadvantages of two chosen currents of environmental ethics (anthropocentric, biocentric or ecocentric (holistic) environmental ethics).

- ✓ Callicott J.B., 2003. *The Land Ethic*, in: Jamieson Dale (ed.), *A Companion to Environmental Philosophy*, Wiley-Blackwell, p. 204-217.
(http://hettingern.people.cofc.edu/Environmental_Philosophy_Sp_09/Callicott_The_Land_Ethic.pdf).

- ✓ LeBlanc J. 1999. Eco-Thomism, *Environmental Ethics* 21:293-306.
- ✓ Taylor P.W., 1981. The Ethics of Respect for Nature. *Environmental Ethics* 3:197-218.

4. Development of a legal framework of renewable energy sources in Poland.

- ✓ The Spring 2017 legal guide To: Renewable Energy Investment Outlook for Central-Eastern Europe; available at:
- ✓ http://solivan.pl/uploads/PONTES_RES%20Investment%20Guide_spring%202017_final.pdf
- ✓ Wind energy in Poland; available at: http://www.paih.gov.pl/files/?id_plik=23801

5. Present and compare the two selected Christian attitudes toward nature: Franciscan conservation and Benedictine stewardship.

- ✓ Dubos R., 1974. *Franciscan Conservation versus Benedictine Stewardship*, w: David Spring and Eileen Spring (ed.), *Ecology and Religion in History*, New York: Harper & Row, p. 56-59.
- ✓ Harrison P., 2006. *Having dominion: Genesis and the mastery of nature*, w: Robert James Berry (ed.), *Environmental Stewardship*, London - New York: T&T Clark, p. 17-31.

6. Personalistic bioethics compared to other models (e.g. utilitarian, principlism).

- ✓ Biesaga T., 2003. Personalism versus principlism in bioethics, *Forum Philosophicum* 8:23-34. (<http://biesaga.info/wp-content/uploads/2009/12/Personalism-versus-Principlism-...-for-Phorum-Philos.-22.02.2003-na-str.-www.pdf>)
- ✓ Kanniyakonil Scaria, *The Fundamentals of Bioethics: Legal Perspectives and Ethical Aproches* (https://books.google.pl/books?id=xNAfqSw9CxxkC&pg=PA137&lpg=PA137&dq=bioethics+personalistic&source=bl&ots=vB_PiJ7K1R&sig=-K4qrttzp1Lnvf75Sx4waGXryx0&hl=pl&sa=X&ved=0ahUKEwiHzc7D0MbXAhVpIpoKHR84AosQ6AEIZTAJ#v=onepage&q=bioethics%20personalistic&f=false)
- ✓ Biesaga T. 2001, *Is Personalism or Utilitarianism an Adequate Foundation of Medical Ethics?*, Ethics in Medicine, Göttingen. (<http://biesaga.info/wp-content/uploads/2015/02/25.-Is-Personalism-or-Utilitarianism-an-Adequate-Foundation-of-Medical-Ethics.pdf>)