



# MA EXAM THESES FOR: SUSTAINABILITY STUDIES\*

(SINCE ACADEMIC YEAR 2019/2020)

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., Hiron 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.
- 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.

5. 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.

6. The role of virtue theory in environmental ethics.

- Cafaro P., Thoreau L., Towards an Environmental Virtue Ethics, *Environmental Ethics*. 23, 1: 3-17.
- Dzwonkowska D., 2013. Virtue and vice in environmental discourse. *Studia Ecologiae et Bioethicae* 11, 4: 61-76.

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

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\* The literature provided is indicative and auxiliary and does not constitute an exhaustive source of information for particular theses.



- Callicott J.B., 2003. *The Land Ethic*, in: Jamieson Dale (ed.), *A Companion to Environmental Philosophy*, Wiley-Blackwell, p. 204-217.
- 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.

#### 8. 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](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](http://www.paih.gov.pl/files/?id_plik=23801)

#### 9. 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.

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

- Biesaga T., 2003. Personalism versus principlism in bioethics, *Forum Philosophicum* 8:23-34.
- Kanniyakonil Scaria, *The Fundamentals of Bioethics: Legal Perspectives and Ethical Approches*
- Biesaga T. 2001, *Is Personalism or Utilitarianism an Adequate Foundation of Medical Ethics?*, Ethics in Medicine, Göttingen.