

Applied Ecology and Conservation

Level 3 Environmental Science and Sustainability course

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1.
Townsend CR. Ecological Applications: Toward a Sustainable World. Blackwell; 2008.
 2.
Beeby A, Brennan AM. First Ecology. 3rd ed. Oxford University Press; 2008.
 3.
Cotgreave P, Forseth I. Introductory Ecology. Blackwell Publishers; 2002.
 4.
Gaston KJ, Spicer JI. Biodiversity: An Introduction. 2nd ed. Blackwell Pub; 2004.
 5.
Cotgreave P, Forseth I. Introductory Ecology. Blackwell Publishers; 2002.
 6.
Beeby A, Brennan AM. First Ecology. 3rd ed. Oxford University Press; 2008.
 7.
Dickinson G, Murphy KJ. Ecosystems : A Functional Approach. Vol Routledge introductions

to environment series. Routledge; 1998.

https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2120164360003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US

8.

Townsend CR, Begon B Michael, Harper JL. Essentials of Ecology. 2nd ed. Blackwell Publishing; 2002.

https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2120491760003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US

9.

Gaston KJ, Spicer JI. Biodiversity: An Introduction. 2nd ed. Blackwell Pub; 2004.

10.

Castro P, Huber ME. Marine Biology. 3rd ed. McGraw-Hill; 2000.

https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2123469120003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US

11.

Townsend CR. Ecological Applications: Toward a Sustainable World. Blackwell; 2008.

12.

Jørgensen SE, Nielsen SN. The properties of the ecological hierarchy and their application as ecological indicators. *Ecological Indicators*. 2013;28:48-53.

doi:10.1016/j.ecolind.2012.04.010

13.

Ahrestani FS, Smith WK, Hebblewhite M, Running S, Post E. Variation in stability of elk and red deer populations with abiotic and biotic factors at the species distribution scale. *Ecology*. Published online July 2016. doi:10.1002/ecy.1540

14.

Keystone Species Hypothesis.

<http://www.washington.edu/research/pathbreakers/1969g.html>

15.

The Great Bustard Group - Great Bustard reintroduction and conservation.

<http://greatbustard.org/>

16.

WWF - Siamese Crocodile (*Crocodylus siamensis*).

http://cambodia.panda.org/projects_and_reports/endangered_species/reptiles/siamese_crocodile/

17.

Thor Hanson. EFFECTS OF HABITAT FRAGMENTATION ON THE REPRODUCTIVE ECOLOGY AND CONSERVATION GENETICS OF THE ALMENDRO (*Dipteryx Panamensis*), A KEYSTONE RAINFOREST TREE. 2006. <http://orton.catie.ac.cr/repdoc/A1316i/A1316i.pdf>

18.

The IUCN Red List of Threatened Species. <http://www.iucnredlist.org/>

19.

Pauw A. Can pollination niches facilitate plant coexistence? *Trends in Ecology & Evolution*. 2013;28(1):30-37. doi:10.1016/j.tree.2012.07.019

20.

Pagel J, Schurr FM. Forecasting species ranges by statistical estimation of ecological niches and spatial population dynamics. *Global Ecology and Biogeography*. 2012;21(2):293-304. doi:10.1111/j.1466-8238.2011.00663.x

21.

Canessa S, Converse SJ, West M, et al. Planning for ex situ conservation in the face of uncertainty. *Conservation Biology*. 2016;30(3):599-609. doi:10.1111/cobi.12613

22.

Wingfield JC. Ecological processes and the ecology of stress: the impacts of abiotic environmental factors. *Functional Ecology*. 2013;27(1):37-44. doi:10.1111/1365-2435.12039

23.

He Q, Bertness MD, Altieri AH. Global shifts towards positive species interactions with increasing environmental stress. *Ecology Letters*. 2013;16(5):695-706. doi:10.1111/ele.12080

24.

Johnston A, Thaxter CB, Austin GE, et al. Modelling the abundance and distribution of marine birds accounting for uncertain species identification. *Journal of Applied Ecology*. 2015;52(1):150-160. doi:10.1111/1365-2664.12364

25.

Birth distribution, structure and dynamics of a hunted mountain population of Wild boars (*Sus scrofa* L.), Ticino, Switzerland. *Journal of Mountain Ecology*. 2014;3. <http://mountainecology.org/index.php/me/article/view/110/94>

26.

Gosselin J, Zedrosser A, Swenson JE, Pelletier F. The relative importance of direct and indirect effects of hunting mortality on the population dynamics of brown bears. *Proceedings of the Royal Society B: Biological Sciences*. 2014;282(1798):20141840-20141840. doi:10.1098/rspb.2014.1840

27.

Appeltans W, Ahyong ST, Anderson G, et al. The Magnitude of Global Marine Species Diversity. *Current Biology*. 2012;22(23):2189-2202. doi:10.1016/j.cub.2012.09.036

28.

Pons P, Rost J. The challenge of conserving biodiversity in harvested burned forests. *Conservation Biology*. Published online May 2016. doi:10.1111/cobi.12767

29.

Bellard C, Bertelsmeier C, Leadley P, Thuiller W, Courchamp F. Impacts of climate change on the future of biodiversity. *Ecology Letters*. 2012;15(4):365-377. doi:10.1111/j.1461-0248.2011.01736.x

30.

Souza GM, Bertolli SC, Lüttge U. Hierarchy and Information in a System Approach to Plant Biology: Explaining the Irreducibility in Plant Ecophysiology. In: Lüttge U, Cánovas FM, Matyssek R, eds. *Progress in Botany 77*. Vol 77. Springer International Publishing; 2016:167-186. doi:10.1007/978-3-319-25688-7_5

31.

Spellerberg IF, Fedor PJ. A tribute to Claude Shannon (1916-2001) and a plea for more rigorous use of species richness, species diversity and the 'Shannon-Wiener' Index. *Global Ecology and Biogeography*. 2003;12(3):177-179. doi:10.1046/j.1466-822X.2003.00015.x

32.

Ledger KJ, Pal RW, Murphy P, Nagy DU, Filep R, Callaway RM. Impact of an invader on species diversity is stronger in the non-native range than in the native range. *Plant Ecology*. 2015;216(9):1285-1295. doi:10.1007/s11258-015-0508-2

33.

Frankham R, Ballou JD, Dudash MR, et al. Implications of different species concepts for conserving biodiversity. *Biological Conservation*. 2012;153:25-31. doi:10.1016/j.biocon.2012.04.034

34.

Dubuis A, Rossier L, Pottier J, Pellissier L, Vittoz P, Guisan A. Predicting current and future spatial community patterns of plant functional traits. *Ecography*. 2013;36(11):1158-1168. doi:10.1111/j.1600-0587.2013.00237.x