**Appendix 1.** Supporting bibliography for Tables 1-4.

1. Alberta (Canada). 2006. Wildlife guidelines for Alberta wind energy projects. Alberta Sustainable Resource Development, Fish and Wildlife Division – April 5 2006. Retrieved from: <http://aep.alberta.ca/fish-wildlife/wildlife-management/documents/WildlifeGuidelinesForAlbertaWindEnergyProjects-April05-2006.pdf>
2. Arnett, E. B., & Baerwald, E. F. 2013. Impacts of Wind Energy Development on Bats: Implications for Conservation. In: A. R. Adams & C. S. Pedersen (Eds.), Bat Evolution, Ecology, and Conservation. pp. 435‒456. New York: Springer New York. DOI: <10.1007/978-1-4614-7397-8_21>
3. Bernard, E., Paese, A., Machado, R. B., & Aguiar, L. M. S. 2014. Blown in the wind: bats and wind farms in Brazil. Natureza & Conservação, 12(2), 106‒111. DOI: <10.1016/j.ncon.2014.08.005>
4. Drake, D., Jennelle, C. S., Liu, J. N., Grodsky, S. M., Schumacher, S., & Sponsler, M. 2015. Regional analysis of wind turbine-caused bat mortality. Acta Chiropterologica, 17(1), 179‒188. DOI: <http://dx.doi.org/10.3161/15081109ACC2015.17.1.015>
5. EUROBATS. 2010. Report of the IWG on Wind Turbines and Bat Populations. 4th Meeting of the Standing Committee and 15th Meeting of the Advisory Committee, Bonn (Germany), 3–6 May 2010. Retrieved from: <http://www.eurobats.org/sites/default/files/documents/pdf/Advisory_Committee/StC4_AC15_Doc_22_Rev1_ReportIWG_WindTurbines_incl_annexes.pdf>
6. Fargione, J., Kiesecker, J., Slaats, M. J., & Olimb, S. 2012. Wind and wildlife in the Northern Great Plains: identifying low-impact areas for wind development. PLoS One, 7(7), e41468. DOI: <10.1371/journal.pone.0041468>
7. Lehnert, L. S., Kramer-Schadt, S., Schönborn, S., Lindecke, O., Niermann, I., & Voigt, C. C. 2014. Wind farm facilities in Germany kill noctule bats from near and far. PLoS ONE 9(8), e103106. DOI: <10.1371/journal.pone.0103106>
8. Ontario (Canada). 2011. Bats and Bat Habitats: Guidelines for Wind Power Projects ‒ 2nd Ed. Ontario Ministry of Natural Resources, Queen’s Printer for Ontario. Retrieved from: <http://www.mnr.gov.on.ca/en/Business/Renewable/index.html>
9. Santos, H., Rodrigues, L., Jones, G., & Rebelo, H. 2013. Using species distribution modelling to predict bat fatality risk at wind farms. Biological Conservation, 157, 178–186. DOI: <10.1016/j.biocon.2012.06.017>
10. Tellería, J. L. 2009. Wind power plants and the conservation of birds and bats in Spain: a geographical assessment. Biodiversity and Conservation, 18(7), 1781‒1791. DOI: <10.1007/s10531-008-9558-2>
11. Voigt, C. C., Popa-Lisseanu, A. G., Niermann, I., & Kramer-Schadt, S. 2012. The catchment area of wind farms for European bats: A plea for international regulations. Biological Conservation, 153, 80‒86. DOI: <10.1016/j.biocon.2012.04.027>
12. Roscioni, F., Russo, D., Di Febbraro, M., Frate, L., Carranza, M. L., Loy, A. 2013. Regional-scale modelling of the cumulative impact of wind farms on bats. Biodiversity and Conservation, 22(8), 1821–1835. DOI: <10.1007/s10531-013-0515-3>
13. Peste, F., Paula, A., Silva, L. P.; Bernardino, J. Pereira, P., Mascarenhas, M., Costa, H., Vieira, J., Bastos, C., Fonseca, C., & Ramos Pereira, M. J. 2015. How to mitigate impacts of wind farms on bats? A review of potential conservation measures in the European context. Environmental Impact Assessment Review, 51, 10–22. DOI: <10.1016/j.eiar.2014.11.001>
14. Schuster, E., Bulling, L., & Köppel, J. 2015. Consolidating the State of Knowledge: A Synoptical Review of Wind Energy’s Wildlife Effects. Environmental Management, 56(2), 300–331. DOI: <10.1007/s00267-015-0501-5>
15. Alvarez-Castañeda, S. T., & Lidicker Jr, W. Z. 2015. Managing coexistence for bats and wind turbines. Therya 6(3), 505‒513. DOI: <10.12933/therya-15-330>
16. Baerwald, E. F., & Barclay, R. M. 2009. Geographic variation in activity and fatality of migratory bats at wind energy facilities. Journal of Mammalogy, 90(6), 1341‒1349. DOI: <10.1644/09-MAMM-S-104R.1>
17. Baerwald, E. F., & Barclay, R. M. 2011. Patterns of activity and fatality of migratory bats at a wind energy facility in Alberta, Canada. The Journal of Wildlife Management, 75(5), 1103‒1114. DOI: <10.1002/jwmg.147>
18. Barclay, R. M., Baerwald, E. F., & Gruver, J. C. 2007. Variation in bat and bird fatalities at wind energy facilities: assessing the effects of rotor size and tower height. Canadian Journal of Zoology, 85(3), 381‒387. DOI: <10.1139/Z07-011>
19. Collins, J., & Jones, G. 2009. Differences in Bat Activity in Relation to Bat Detector Height: Implications for Bat Surveys at Proposed Windfarm Sites. Acta Chiropterologica, 11(2), 343–350. DOI: <10.3161/150811009X485576>
20. Ferreira, D., Freixo, C., Cabral, J. A., Santos, R., & Santos, M. 2015. Do habitat characteristics determine mortality risk for bats at wind farms? Modelling susceptible species activity patterns and anticipating possible mortality events. Ecological Informatics, 28, 7‒18. DOI: <10.1016/j.ecoinf.2015.04.001>
21. Kunz, T. H., Arnett, E. B., Cooper, B. M., Erickson, W. P., Larkin, R. P., Mabee, T., Morrison, M. L., Strickland, M. D., & Szewczak, J. M. 2007. Assessing impacts of wind‐energy development on nocturnally active birds and bats: a guidance document. The Journal of Wildlife Management, 71(8), 2449‒2486. DOI: <10.2193/2007-270>
22. Marques, J. T., Ramos Pereira, M. J., & Palmeirim, J. M. (In press). Patterns in the use of rainforest vertical space by Neotropical aerial insectivorous bats: all the action is up in the canopy. Ecography. DOI: <10.1111/ecog.01453>
23. Piorkowski, M. D., & O’Connell, T. J. 2010. Spatial Pattern of Summer Bat Mortality from Collisions with Wind Turbines in Mixed-grass Prairie. The American Midland Naturalist, 164(2), 260–269. DOI: <10.1674/0003-0031-164.2.260>
24. Rodrigues, L., Bach, L., Dubourg-Savage, M.-J., Karapandža, B., Kovač, D., Kervyn, T., Dekker, J., Kepel, A., Bach, P., Collins, J., Harbusch, C., Park, K., Micevski, B., & Minderman, J. 2015. Guidelines for consideration of bats in wind farm projects ‒ Revision 2014. EUROBATS Publication Series n°6 (English version). Bonn: UNEP/EUROBATS Secretariat: p. 51 pp. Retrieved from: <http://www.eurobats.org/sites/default/files/documents/publications/publication_series/pubseries_no6_english.pdf>
25. Roscioni, F, Rebelo, H., Russo, D., Carranza, M. L., Di Febbraro, M., & Loy, A. 2014. A modelling approach to infer the effects of wind farms on landscape connectivity for bats. Landscape Ecology, 29(5), 891–903. DOI: <10.1007/s10980-014-0030-2>
26. Reynolds, D. S. 2006. Monitoring the potential impact of a wind development site on bats in the northeast. Journal of Wildlife Management, 70(5), 1219‒1227. DOI: [10.2193/0022-541X(2006)70[1219:MTPIOA]2.0.CO;2](10.2193/0022-541X(2006)70%5b1219:MTPIOA%5d2.0.CO;2)
27. Schaub, M. 2012. Spatial distribution of wind turbines is crucial for the survival of red kite populations. Biological Conservation, 155, 111–118. DOI: <10.1016/j.biocon.2012.06.021>
28. Amorim, F., Rebelo, H., & Rodrigues, L. 2012. Factors influencing bat activity and mortality at a wind farm in the mediterranean region. Acta Chiropterologica, 14(2), 439–457. DOI: 10.3161/150811012X661756
29. Arnett, E. B., Brown, W. K., Erickson, W. P., Fiedler, J. K., Hamilton, B. L., Henry, T. H., Jain, A., Johnson, G. D., Kerns, J., Koford, R. R., Nicholson, C. P., O’Connell, T .J., Piorkowski, M. D., & Tankersley Jr., R. D. 2008. Patterns of Bat Fatalities at Wind Energy Facilities in North America. Journal of Wildlife Management, 72(1), 61‒78. DOI: <10.2193/2007-221>
30. Arnett, E. B., Huso, M. M. P., Hayes, J. P., & Schirmacher, M. 2010. Effectiveness of changing wind turbine cut-in speed to reduce bat fatalities at wind facilities. A final report submitted to the Bats and Wind Energy Cooperative and the Pennsylvania Game Commission. Austin: Bat Conservation International. Retrieved from: <http://www.batsandwind.org/pdf/Curtailment%20Final%20Report%205-15-10%20v2.pdf>
31. Baerwald, E. F., Edworthy, J., Holder, M., & Barclay, R. M. R. 2009. A Large-Scale Mitigation Experiment to Reduce Bat Fatalities at Wind Energy Facilities. The Journal of Wildlife Management, 73(7), 1077–1081. DOI: <10.2193/2008-233>
32. Camina, A. 2012. Bat fatalities at wind farms in northern Spain ‒ Lessons to be learned. Acta Chiropterologica, 14(1), 205‒212. DOI: <10.3161/150811012X654402>
33. Cryan, P. M. & Brown, A. C. 2007. Migration of bats past a remote island offers clues toward the problem of bat fatalities at wind turbines. Biological Conservation, 139(1), 1‒11. DOI: <10.1016/j.biocon.2007.05.019>
34. Jain, A. A., Koford, R. R., Hancock, A. W., & Zenner, G. G. 2011. Bat mortality and activity at a northern Iowa wind resource area. The American Midland Naturalist, 165(1), 185‒200. DOI: <10.1674/0003-0031-165.1.185>
35. Johnson, G. D., Perlik, M. K., Erickson, W. P., & Strickland, M. D. 2004. Bat activity, composition, and collision mortality at a large wind plant in Minnesota. Wildlife Society Bulletin, 32(4): 1278–1288. DOI: [10.2193/0091-7648(2004)032[1278:BACACM]2.0.CO;2](10.2193/0091-7648(2004)032%5b1278:BACACM%5d2.0.CO;2)
36. Rydell, J., Bach, L., Dubourg-Savage, M.-J., Green, M., Rodrigues, L., & Hedenström, A. 2010. Bat Mortality at Wind Turbines in Northwestern Europe. Acta Chiropterologica, 12(2), 261–274. DOI: <10.3161/150811010X537846>
37. Cryan, P. M., & Barclay, R. M. R. 2009. Causes of Bat Fatalities at Wind Turbines: Hypotheses and Predictions. Journal of Mammalogy, 90(6), 1330–1340. DOI: <10.1644/09-MAMM-S-076R1.1>
38. Atienza, J. C., Martín Fierro, I., Infante, O., Valls, J., & Domínguez, J. 2011. Directrices para la evaluación del impacto de los parques eólicos en aves y murciélagos ‒ Versión 3.0. Madrid: SEO/BirdLife: p. 117. Retrieved from: <https://www.seo.org/wp-content/uploads/2012/05/MANUAL-MOLINOS-VERSION-31_WEB.pdf>
39. Cryan, P. M. 2008. Mating behavior as a possible cause of bat fatalities at wind turbines. The Journal of Wildlife Management, 72(3), 845‒849. DOI: <10.2193/2007-371>
40. [NRC] National Research Council. 2007. Environmental impacts of wind-energy projects. Washington D.C.: The National Academies Press: p. 395. Retrieved from: <http://www.nap.edu/catalog/11935/environmental-impacts-of-wind-energy-projects>
41. Barros, M. A. S., Magalhães, R. G., & Rui, A. M. 2015. Species composition and mortality of bats at the Osório Wind Farm, southern Brazil. Studies on Neotropical Fauna and Environment, 50(1), 31–39. DOI: <10.1080/01650521.2014.1001595>
42. Escobar, L. E., Juarez, C., Medina-Vogel, G., & Gonzalez, C. M. 2015. First report on bat mortalities on wind farms in Chile. Gayana, 79(1), 11‒17. Retrieved from: <http://www.gayana.cl/pdfs/2015/1/03_Escobar_et-al_2015.pdf>
43. Hull, C. L., & Cawthen, L. 2013. Bat fatalities at two wind farms in Tasmania, Australia: bat characteristics, and spatial and temporal patterns. New Zealand Journal of Zoology, 40(1), 5‒15. DOI: <10.1080/03014223.2012.731006>
44. Johnson, G. D. 2005. A review of bat mortality at wind-energy developments in the United States. Bat Research News, 46(2), 45‒49.
45. Rodríguez-Durán, A., & Feliciano-Robles, W. 2015. Impact of wind facilities on bats in the Neotropics. Acta Chiropterologica, 17(2), 365–370. DOI: <0.3161/15081109ACC2015.17.2.012>
46. Arnett, E. B. (Technical Editor). 2005. Relationships between bats and wind turbines in Pennsylvania and West Virginia: an assessment of bat fatality search protocols, patterns of fatality, and behavioral interactions with wind turbines. A final report submitted to the Bats and Wind Energy Cooperative. Austin. Bat Conservation International. Retrieved from: <http://www.batsandwind.org/pdf/ar2004.pdf>
47. Bernardino, J., Bispo, R., Costa, H., & Mascarenhas, M. 2013. Estimating bird and bat fatality at wind farms: a practical overview of estimators, their assumptions and limitations. New Zealand Journal of Zoology, 40(1), 63‒74. DOI: <10.1080/03014223.2012.758155>
48. Hull, C. L., & Muir, S. 2010. Search areas for monitoring bird and bat carcasses at wind farms using a Monte-Carlo model. Australasian Journal of Environmental Management, 17(2), 77‒87. DOI: <10.1080/14486563.2010.9725253>
49. Huso, M. M. 2011. An estimator of wildlife fatality from observed carcasses. Environmetrics, 22(3), 318‒329. DOI: <10.1002/env.1052>
50. Korner-Nievergelt, F., Korner-Nievergelt, P., Behr, O., Niermann, I., Brinkmann, R., & Hellriegel, B. 2011. A new method to determine bird and bat fatality at wind energy turbines from carcass searches. Wildlife Biology, 17(4), 350‒363. DOI: <10.2981/10-121>
51. Korner-Nievergelt, F., Brinkmann, R., Niermann, I., & Behr, O. 2013. Estimating bat and bird mortality occurring at wind energy turbines from covariates and carcass searches using mixture models. PLoS ONE, 8(7), e67997. DOI: <10.1371/journal.pone.0067997>
52. Péron, G., Hines, J. E., Nichols, J. D., Kendall, W. L., Peters, K. A., & Mizrahi, D. S. 2013. Estimation of bird and bat mortality at wind-power farms with superpopulation models. Journal of Applied Ecology, 50(4), 902–911. DOI: <10.1111/1365-2664.12100>
53. Villegas-Patraca, R., Macías-Sánchez, S., MacGregor-Fors, I. & Muñoz-Robles, C. 2012. Scavenger removal: Bird and bat carcass persistence in a tropical wind farm. Acta Oecologica, 43, 121–125. DOI: <10.1016/j.actao.2012.06.004>
54. Arnett, E. B. 2006. A Preliminary Evaluation on the Use of Dogs to Recover Bat Fatalities at Wind Energy Facilities. Wildlife Society Bulletin, 34(5), 1–6. DOI: [10.2193/0091-7648(2006)34[1440:APEOTU]2.0.CO;2](10.2193/0091-7648(2006)34%5b1440:APEOTU%5d2.0.CO;2)
55. Cryan, P. M., Gorresen, P. M., Hein, C. D., Schirmacher, M. R., Diehl, R. H., Huso, M. M., Haymanf, D. T. S., Fricker, P. D., Bonaccorso, F. J., Johnson, D. H., Heist, K., & Dalton, D. C. 2014. Behavior of bats at wind turbines. Proceedings of the National Academy of Sciences, 111(42), 15126‒15131. DOI: <10.1073/pnas.1406672111>
56. Doty, A. C., & Martin, A. P. 2013. Assessment of bat and avian mortality at a pilot wind turbine at Coega, Port Elizabeth, Eastern Cape, South Africa. New Zealand Journal of Zoology, 40(1), 75‒80. DOI: <10.1080/03014223.2012.741068>
57. Georgiakakis, P., Kret, E., Cárcamo, B., Doutau, B., Kafkaletou-Diez, A., Vasilakis, D., & Papadatou, E. 2012. Bat fatalities at wind farms in north-eastern Greece. Acta Chiropterologica, 14(2), 459‒468. DOI: <10.3161/150811012X661765>
58. Arnett, E. B., Huso, M. M., Schirmacher, M. R., & Hayes, J. P. 2011. Altering turbine speed reduces bat mortality at wind-energy facilities. Frontiers in Ecology and the Environment, 9(4), 209‒214. DOI: <10.1890/100103>
59. Weller, T. J., & Baldwin, J. A. 2012. Using echolocation monitoring to model bat occupancy and inform mitigations at wind energy facilities. The Journal of Wildlife Management, 76(3), 619‒631. DOI: <10.1002/jwmg.260>