



Programme
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éolien-biodiversité

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Bibliographie

Eolien - Biodiversité

Chiroptères

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Légende

- Eolien terrestre
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Chiroptères

- Martin, Colleen M (2015). *Effectiveness of operational mitigation in reducing bat mortality and an assessment of bat and bird fatalities at the Sheffield Wind Facility, Vermont.* [\(p196, en\)](#)
- Tobias Dürr (2015). *Fledermausverluste an Windenergieanlagen / bat fatalities at windturbines in Europe.* [\(p1, de\)](#)
- Luis E. Escobar, César Juarez, Gonzalo Medina-Vogel & Carlos M. Gonzalez (2015). *First Report on Bat Mortalities on Wind Farms in Chile.* [\(p7, en\)](#)
- Maarten Vonhof, Amy L. Russell (2015). *Genetic approaches to understanding the population-level impact of wind energy development on migratory bats: a case study of the eastern red bat (Lasiurus borealis).* [\(p44, en\)](#)
- J. Nyári, E. Bailleul, S. Gow and M. Arbinolo / EKOenergy (2015). *The effects of wind turbines on bat mortality and available solutions - An executive review.* [\(p5, en\)](#)
- ● EUROBATS (2015). *Report of the IWG on Wind Turbines and Bat Populations.* [\(p28, en\)](#)
- Yohan Charbonnier (2015). *Relations entre diversité des habitats forestiers et communautés de chiroptères à différentes échelles spatiales en Europe : implications pour leur conservation et le maintien de leur fonction de préation.* [\(p215, fr\)](#)
- Sander Lagerveld, Bob Jonge Poerink, Raymond Haselager & Hans Verdaat (2015). *Bats in Dutch offshore wind farms in autumn 2012.* [\(p9, en\)](#)
- ● BWEC (2015). *Bats and Wind Energy Cooperative - 2015 Workshop Proceedings.* [\(p53, en\)](#)
- Lara Millon, Jean-François Julien, Romain Julliard, Christian Kerbiriou (2014). *Bat activity in intensively farmed landscapes with wind turbines and offset measures.* [\(p8, fr\)](#)
- Paul. M. Cryan, P. Marcos Gorresen, Cris D. Hein, Michael R. Schirmacher, Robert H. Diehl, Manuela M. Huso, David T. S. Hayman, Paul D. Fricker, Frank J. Bonaccorso, Douglas H. Johnson, Kevin Heist, and David C. Dalton (2014). *Behavior of bats at wind turbines.* [\(p6, en\)](#)
- Antoni Margalida, José A. Sanchez-Zapata, Guillermo Blanco, Fernando Hiraldo and José A. Donazar (2014). *Ultraviolet Vision and Avoidance of Power Lines in Birds and Mammals.* [\(p3, en\)](#)
- Roscioni, F., Rebelo, H., Russo, D., Carranza, M.L., Difebbraro, M., Loy, A. (2014). *A modelling approach to infer the effects of wind farms on landscape connectivity for bats.* [\(p13, en\)](#)
- Cris D. Hein, Alex Prichard, Todd Mabee, and Michael R. Schirmacher (2014). *Efficacy of an Operational Minimization Experiment to Reduce Bat Fatalities at the Pinnacle Wind Farm, Mineral County, West Virginia, 2013 - Final Report.* [\(p50, en\)](#)
- Roscioni F, Russo D, Di Febbraro M, Frate L, Carranza MI, Loy A (2013). *Regional-scale modeling of the cumulative impact of wind farms on bats.* [\(p15, en\)](#)
- Edward B. Arnett, Cris D. Hein, Michael R. Schirmacher, Manuela M. P. Huso, Joseph M. Szewczak (2013). *Evaluating the Effectiveness of an Ultrasonic Acoustic Deterrent for Reducing Bat Fatalities at Wind Turbines.* [\(p11, en\)](#)
- Jonathan Barry Aronson, Alicia Jessica Thomas, Stacey Leigh Jordaan (2013). *Bat fatality at a wind energy facility in the Western Cape, South Africa.* [\(p4, en\)](#)
- Cris D. Hein, Alex Prichard, Todd Mabee, and Michael R. Schirmacher (2013). *Effectiveness of an Operational Mitigation Experiment to Reduce Bat Fatalities at the Pinnacle Wind Farm, Mineral County, West Virginia, 2012 - Final Report.* [\(p40, en\)](#)
- Alvaro Camina (2013). *Guidelines for wind farm planning on birds and bats: Lessons learned from operating wind farms.* [\(p40, en\)](#)
- New Jersey Audubon, Old Bird Inc. and North East Ecological Services (2013). *Post-construction wildlife monitoring at Maple Ridge wind farm - Final report.* [\(p34, en\)](#)
- Therkildsen, O.R., Elmeros, M., Kahlert, J. & Desholm, M. (Eds.) (2012). *Baseline investigations of bats and birds at wind turbine test centre Østerild.* [\(p128, en\)](#)

- ● Jens Rydell, Henri Engström, anders Hedenström, Jesper Kyed Larsen, Jan Pettersson et Martin Green (2012). *The effect of wind power on birds and bats – A synthesis.* [\(p152, en\)](#)
- J. Minderman et al. (2012). *Experimental evidence for the effect of small wind turbine proximity and operation on bird and bat activity.* [\(p7, en\)](#)
- Y. Beucher et al. (2012). *Réduction significative de la mortalité des chauves-souris liée aux éoliennes.* [\(p1, fr\)](#)
- 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.* [\(p7, en\)](#)
- Robert Brinkmann, Oliver Behr, Ivo Niermann & Michael Reich (2012). *Développement de méthodes pour étudier et réduire le risque de collision de chauves-souris avec les éoliennes terrestres.* [\(p42, fr\)](#)
- ● BWEC (2012). *Bats and Wind Energy Cooperative - 2012 Workshop Proceedings.* [\(p47, en\)](#)
- Groupe Mammalogique Breton (2011). *Synthèse chiroptérologique des données historiques - zone d'étude continentale autour du projet d'un parc éolien offshore dans la Baie de St-Brieuc* (22). [\(p11, fr\)](#)
- Pauline Rico, Hubert Lagrange (Biotope) (2011). *Chirotech - Bilan des tests d'asservissement sur le parc du Mas de Leuze (commune de Saint-Martin-de-Crau - 13).* [\(p52, fr\)](#)
- T.J. Weller & J.A. Baldwin (2011). *Using echolocation monitoring to model bat occupancy and Inform mitigations at wind energy facilities.* [\(p13, en\)](#)
- T.H. Kuntz et al. (2011). *Ecosystem services provided by bats.* [\(p38, en\)](#)
- WWF Greece (2011). *Assessing the impact of nine established wind farms on birds of prey in Thrace Greece - Annual report 2009-2010.* [\(p43, en\)](#)
- WWF Greece (2011). *Assessing the impact of nine established wind farms on birds of prey in Thrace, Greece.* [\(p93, en\)](#)
- João Paula, Miguel Costa Leal, Maria João Silva, Ramiro Mascarenhas, Hugo Costa, Miguel Mascarenhas (2011). *Dogs as a tool to improve bird-strike mortality estimates at wind farms.* [\(p7, en\)](#)
- Jens Rydell, Lothar Bach, Marie-Jo Dubourg-Savage, Martin Green, Lu sa Rodrigues, et al. (2010). *Mortality of bats at wind turbines links to nocturnal insect migration?* [\(p5, en\)](#)
- E.B. Arnett et al. (2010). *Effectiveness of changing Wind Turbine cut-in speed to reduce bat Fatalities at Wind Facilities: Final Report.* [\(p58, en\)](#)
- Yannick Beucher, Volker Kelm, Matthieu Geyelin, Doreen Pick (2010). *Parc éolien de Castelnau-Pégayrols (12): suivi évaluation post implantation de l'impact sur les chauves-souris. Bilan de campagne de la deuxième année d'exploitation* (2009). [\(p4, fr\)](#)
- Kristina et Stéphane Bellenoue (2009). *Premiers constats de mortalité de chauves-souris et d'oiseaux sur le parc éolien de Lévigny (Aube).* [\(p5, fr\)](#)
- Janet Collins, Gareth Jones (2009). *Differences in bat activity in relation to bat detector height: implications for bat surveys at proposed windfarm sites.* [\(p8, en\)](#)
- ● B. K. Sovacool (2009). *Contextualizing avian mortality: a preliminary appraisal of bird and bat fatalities from wind, fossil-fuel and nuclear electricity.* [\(p9, en\)](#)
- Hubert Lagrange, Erwan Roussel, Anne-Lise Ughetto, Vincent Prié, Rénald Boulnois, Alexandre Haquart, Frédéric Melki (2009). *Chirotech - Bilan des tests d'asservissement sur le parc de Bouin - 2009.* [\(p49, Fr\)](#)
- Edward B. Arnett, Michael Schirmacher, Manuela M.P. Huso, John P. Hayes (2009). *Effectiveness of Changing Wind turbine Cut in speed to reduce bat fatalities at wind facilities - 2008 annual report.* [\(p45, en\)](#)
- E.F. Baerwald et al. (2008). *Supplemental data: barotrauma is a significant cause of bat fatalities at wind turbines.* [\(p8, en\)](#)
- Setra: Service Des Etudes Sur Les Transports, Les Routes Et Les Aménagements (2008). *Routes et Chiroptères : Etat des connaissances (rapport bibliographique).* [\(p253, fr\)](#)

- M. Oso (Oregon State University) (2008). *Estimators of wildlife fatality: a critical examination of methods.* [\(p49, en\)](#)
- T.A. Kelly & J.K. Fielder (2008). *A framework for mitigation of bird and bat strike risk at wind farms using avian radar and SCADA interface.* [\(p7, en\)](#)
- Erin F. Baerwald, Genevieve H. D'amours, Brandon, J. Klug Ans Robert M.R. Barclay (2008). *Barotrauma is a significant cause of bat fatalities at wind turbines.* [\(p2, en\)](#)
- ● BWEC (2008). *Bats and Wind Energy Cooperative - 2008 Workshop Proceedings.* [\(p28, en\)](#)
- P. Dulac (2008). *Evaluation de l'impact du parc éolien de Bouin (vendée) sur l'avifaune et les chauves-souris. Bilan de 5 années de suivi.* [\(p106, fr\)](#)
- Edward B. Arnett, W. Kent Brown, Wallawe P. Erickson, Jenny K. Fiedler, Brenda L. Hamilton, Travis H. Henry, Aaftab Jain, Gregory D. Johnson, Jesica Kerns, Rolf R. Koford, Charles P. Nicholson, Timothy J.O'connell, Martin D. Piokowski, Roger D. Tankersley Jr. (2008). *Patterns of Bat fatalities at Wind Energy Facilities in North America.* [\(p18, en\)](#)
- Erin F. Baerwald, Jason Edworthy, Matt Holder, Robert M.R. Barclay (2008). *A large-scale Mitigation Experiment to Reduce Bat Fatalities at Wind Energy Facilities.* [\(p5, en\)](#)
- Confédération Suisse, Office Fédéral De L'énergie Ofen, Office Fédéral De L'environnement Oven - Yves Leuzinger, Alain Lugon, Fabio Bontadina (2008). *Eoliennes en Suisse: Mortalité de chauves-souris.* [\(p34, fr\)](#)
- Dr. Paul Cryan (2008). *Overview of Issues Related to Bats and Wind Energy.* [\(p74, en\)](#)
- T. Longcore et al. (2007). *Height, guy wires, and steady-burning lights increase hazard of communication towers to nocturnal migrants: a review and meta-analysis.* [\(p8, en\)](#)
- Thomas H Kunz et al. (2007). *Ecological impacts of wind energy development on bats: questions, research needs, and hypotheses.* [\(p14, en\)](#)
- Ingemar Ahlen, Lothar Bach, Hans J. Baagoe, Jan Pettersson (2007). *Bats and offshore wind turbines studied in southern Scandinavia.* [\(p37, en\)](#)
- Thomas H. Kunz, Edward B. Arnett, Brian M. Cooper, Wallace P. Erickson, Ronald P. Larkin, Todd Mabee, Michael L. Morrison, M. Dale Strickland, and Joseph M. Szewczak (2007). *Assessing Impacts of Wind-Energy Development on Nocturnally Active Birds and Bats: A Guidance Document.* [\(p40, en\)](#)
- T.H. Kuntz et al. (2007). *Assessing impacts of wind-energy development nocturnally active birds ans bats: A guidance document.* [\(p38, en\)](#)
- T.H. Kunz et al. (2007). *Ecological impact of wind energy development on bats: questions, research needs, and hypotheses.* [\(p14, en\)](#)
- Robert M.R. Barclay, E.F. Baerwald, J.C.Gruver (2007). *Variation in bat and bird fatalities at wind energy facilities: assessing the effects of rotor size and tower height.* [\(p7, en\)](#)
- ● B. Nicholls & P. A. Racey (2007). *Bats avoid radar installations: could electromagnetic fields deter bats from colliding with Tubines?.* [\(p7, en\)](#)
- A. Jain et al. (2007). *Annual report for Maple Ridge Wind Power Project - Postconstruction bird and bat fatality study - 2006.* [\(p61, en\)](#)
- H. Hötker, K.M. Thomsen, H. Jeromin (2006). *Impacts on biodiversity of exploitation of renewable energy sources: the example of birds and bats.* [\(p65, en\)](#)
- Hermann Hotker (2006). *The impact of repowering of wind farms on birds and bats.* [\(p38, en\)](#)
- California Bat Working Group (CBWG) (2006). *Guidelines for assessing and minimizing impacts to bats at wind energy development sites in california.* [\(p20, en\)](#)
- Brinkmann R., Schauer-Weisshahn H., Bontadina F. (2006). *Etudes sur les effets potentiels liés au fonctionnement des éoliennes sur les chauves-souris du district de Fribourg.* [\(p77, fr\)](#)
- Bruno Bruderer Ans Ana G. Popa-Lisseanu (2005). *Radar data on wing-beat frequencies and flight speeds of two bat species.* [\(p10, en\)](#)
- H. Hirakawa (2005). *Luring bats to the camera: a new technique for a bat surveys.* [\(p3, en\)](#)
- T. Dürr & L. Bach (2004). *Fledermäuse als Schlagopfer von Windenergieanlagen - Stand der*

- Erfahrungen mit Einblick in die bundesweite Fundkartei.* [\(p12, de\)](#)
- Greg Johnson (2004). *Bat ecology related to wind development and lessons learned about impacts on bats from wind development.* [\(p11, en\)](#)
 - Wally Erickson, Greg Johnson, David Young, Dale Strickland, Rhett Good, Michelle Bourassa, Kim Bay, Karyn Sernka (2002). *Synthesis and Comparison of baseline avian and Bat use, raptor nesting and Mortality Information from proposed and existing wind developments.* [\(p129, en\)](#)
 - Ben Verboom & Herman Limpens (2001). *Windmolens en Vleermuizen.* [\(p4, nl\)](#)