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Bibliographie

Programme Eolien et Biodiversité

Chiroptères

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Légende

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Chiroptères

- Lintott P, Richardson S, Hosken D, Fensome S, Mathews F (2016). *Ecological Impact Assessments Fail to Reduce Risk of Bat Casualties at Wind Farms*. [📄](#) (p2, en)
- Suryan R, Albertani R, Polagye B (2016). *A Synchronized Sensor Array for Remote Monitoring of Avian and Bat Interactions with Offshore Renewable Energy Facilities*. [📄](#) (p33, en)
- Zimmerling JR, Francis CM (2016). *Bat mortality due to wind turbines in Canada: Bats and Wind Turbines*. [📄](#) (p10, en)
- Hein CD, Schirmacher MR (2016). *Impact of wind energy on bats: a summary of our current knowledge*. [📄](#) (p9, en)
- Arnett EB, May RF (2016). *Mitigating wind energy impacts on wildlife: approaches for multiple taxa*. [📄](#) (p14, en)
- Katzner T, Bennett V, Miller T, Duerr A, Braham M, Hale A (2016). *Wind energy development: methods to assess bird and bat fatality rates post-construction*. [📄](#) (p9, en)
- Voigt CC, Lindecke O, Schönborn S, Kramer-Schadt S, Lehmann D (2016). *Habitat use of migratory bats killed during autumn at wind turbines*. [📄](#) (p13, en)
- Bolívar-Cimé B, Bolívar-Cimé A, Cabrera-Cruz SA, Muñoz-Jiménez O, Villegas-Patracá R (2016). *Bats in a tropical wind farm: species composition and importance of the spatial attributes of vegetation cover on bat fatalities*. [📄](#) (p12, en)
- Behr O, Brinkmann R, Korner-Nievergelt F, Nagy M, Niermann I, Reich M, Simon R (2016). *Reducing the Collision Risk for Bats at Onshore Wind Turbines (RENEBAT II)*. [📄](#) (p374, de)
- ● Sainadh Singh K, Lavanya K, Uma Maheswara Rao M (2016). *BATS Echolocation Algorithm Tuned PI controller for PQ Improvement in a grid connected Wind Energy System*. [📄](#) (p5, en)
- Roeleke M, Blohm T, Kramer-Schadt S, Yovel Y, Voigt C (2016). *Habitat use of bats in relation to wind turbines revealed by GPS tracking*. [📄](#) (p9, en)
- Ferri V, Battisti C, Soccini C (2016). *Bats in a Mediterranean Mountainous Landscape: Does Wind Farm Repowering Induce Changes at Assemblage and Species Level?*. [📄](#) (p7, en)
- O'Shea TJ, Cryan PM, Hayman DTS, Plowright RK, Streicker DG (2016). *Multiple mortality events in bats: a global review*. [📄](#) (p16, en)
- Rydell J, Bogdanowicz W, Boonman A, Pettersson S, Suchecka E, Pomorski J (2016). *Bats may eat diurnal flies that rest on wind turbines*. [📄](#) (p35, en)
- ● Arnett EB, Baerwald EF, Mathews F, Rodrigues L, Rodríguez-Durán A, Rydell J, Villegas-Patracá R, Voigt CC (2016). *Impacts of Wind Energy Development on Bats: A Global Perspective*. [📄](#) (p28, en)
- Pylant CL, Nelson DM, Fitzpatrick MC, Gates JE, Keller SR (2015). *Geographic origins and population genetics of bats killed at wind-energy facilities*. [📄](#) (p48, en)
- Coly R (2015). *Evaluation des possibilités d'exploitation des données Chiroptères collectées dans le cadre d'implantation d'éoliennes (études d'impact et suivis post-implantatoires)*. [📄](#) (p62, fr)
- Lagerveld S, Poerink B, de Vries P (2015). *Monitoring Bat Activity at the Dutch EEZ in 2014*. [📄](#) (p33, en)
- Martin C (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)
- Dürr T (2015). *Fledermausverluste an Windenergieanlagen / bat fatalities at windturbines in Europe*. [📄](#) (p1, de)
- Escobar LE, Juarez C, Medina-Vogel G, Gonzalez CM (2015). *First Report on Bat Mortalities on Wind Farms in Chile*. [📄](#) (p7, en)
- Vonhof M, Russell AL (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)
- Hanagasioglu M, Aschwanden J, Bontadina F, Marcos de la Puente N (2015). *Investigation of the effectiveness of bat and bird detection of the DTBat*

and DTBird systems at Calandawind turbine - Final Report. [📄](#) (p142, en)

- Nyári J, Bailleul E, Gow S, Arbinolo M - 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)
- Charbonnier Y (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 prédation.* [📄](#) (p215, fr)
- Voigt CC, Lehnert L, Petersons G, Adorf F, Bach L (2015). *Wildlife and Renewable Energy: German Politics Cross Migratory Bats.* [📄](#) (p7, en)
- ● Lagerveld S, Jonge PB, Haselager R, Verdaat H (2015). *Bats in Dutch offshore wind farms in autumn 2012.* [📄](#) (p9, en)
- ● BWEC (2015). *Bats and Wind Energy Cooperative - 2015 Workshop Proceedings.* [📄](#) (p53, en)
- Lagrange H (2015). *Etude de l'impact des parcs éoliens sur l'activité et la mortalité des chiroptères par trajectographie acoustique, imagerie thermique et recherche de cadavres au sol - Contributions aux évaluations des incidences sur l'environnement.* [📄](#) (p172, fr)
- Tetra Tech (2015). *2014 Bat Survey Report: Wilton IV Wind Energy Center Burleigh County, North Dakota.* [📄](#) (p42, en)
- Smales I (2015). *Fauna Collisions with Wind Turbines: Effects and Impacts, Individuals and Populations. What Are We Trying to Assess?.* [📄](#) (p18, en)
- Therkildsen OR, Elmeros M (2015). *First year post-construction monitoring of bats and birds at wind turbine test Centre Østerild.* [📄](#) (p128, en)
- Million L, Julien J-F, Julliard R, Kerbiriou C (2014). *Bat activity in intensively farmed landscapes with wind turbines and offset measures.* [📄](#) (p8, en)
- Peste F, Paula A, Pinto da Silva P, Bernardino J, Pereira P, Mascarenhas M, Costa H, Vieira J, Bastos C, Fonseca C, Pereira M (2014). *How to Mitigate Impacts of Wind Farms on Bats? A Review of Potential Conservation Measures in the European Context.* [📄](#) (p13, en)
- Cryan PM, Gorresen PM, Hein CD, Schirmacher MR, Diehl RH, Huso MM, Hayman DTS, Fricker PD, Bonaccorso FJ, Johnson DH, Heist K, Dalton DC (2014). *Behavior of bats at wind turbines.* [📄](#) (p6, en)
- Kelm DH, Lenski J, Kelm V, Toelch U, Dziock F (2014). *Seasonal bat activity in relation to distance to hedgerows in an agricultural landscape in central Europe and implications for wind energy development.* [📄](#) (p9, en)
- Margalida A, Sanchez-Zapata JA, Blanco G, Hiraldo F, Donazar JA (2014). *Ultraviolet Vision and Avoidance of Power Lines in Birds and Mammals.* [📄](#) (p3, en)
- Roscioni, F, Rebelo, H, Russo, D, Carranza, ML, Difebbraro, M, Loy, A (2014). *A modelling approach to infer the effects of wind farms on landscape connectivity for bats.* [📄](#) (p13, en)
- Haquart A, Lagrange H (2014). *Suivis annuel continu de l'activité des chiroptères sur 10 mats de mesure : évaluation des facteur de risque lié à l'éolien.* [📄](#) (p6, fr)
- Lagrange H et al. (2014). *Chirotech, un processus de régulation multifactoriel pour réduire la mortalité des chauves-souris due aux parcs éoliens.* [📄](#) (p6, fr)
- Hein CD, Prichard A, Mabee T, Schirmacher MR (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)
- Whitby M, Carter T, Britzke E, Bergeson S (2014). *Evaluation of Mobile Acoustic Techniques for Bat Population Monitoring.* [📄](#) (p8, en)
- ● Hatch S, Connelly E, Divoll T, Stenhouse I, Williams K (2013). *Offshore Observations of Eastern Red Bats (*Lasiurus borealis*) in the Mid-Atlantic United States Using Multiple Survey Methods.* [📄](#) (p8, en)
- Bennett VJ, Hale AM (2013). *Red aviation lights on wind turbines do not increase bat-turbine collisions.* [📄](#) (p5, en)
- 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.* [📄](#) (p11, en)
- Roscioni F, Russo D, Di Febbraro M, Frate L, Carranza ML, Loy A (2013). *Regional-scale modeling of the cumulative impact of wind farms on bats.* [📄](#) (p15, en)
- Bastos R et al. (2013). *A new stochastic dynamic tool to improve the accuracy of mortality estimates for bats killed at wind farms.* [📄](#) (p13, en)

- Arnett EB et al. (2013). *Evaluating the Effectiveness of an Ultrasonic Acoustic Deterrent for Reducing Bat Fatalities at Wind Turbines*. [📄](#) (p11, en)
- Aronson JB, Thomas AJ, Jordaan SL (2013). *Bat fatality at a wind energy facility in the Western Cape, South Africa*. [📄](#) (p4, en)
- Hein CD, Prichard A, Mabee To, Schirmacher MR (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)
- Mathews F, Swindells M, Goodhead R, August TA, Hardman P, Linton DM, Hosken, DJ (2013). *Effectiveness of search dogs compared with human observers in locating bat carcasses at wind-turbine sites: A blinded randomized trial..* [📄](#) (p7, en)
- Smallwood KS (2013). *Comparing bird and bat fatality-rate estimates among North American wind-energy projects*. [📄](#) (p15, en)
- Camiña Á (2013). *Guidelines for wind farm planning on birds and bats: Lessons learned from operating wind farms*. [📄](#) (p40, en)
- Lampman G - 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)
- Bennett E (2012). *Observations from the Use of Dogs to Undertake Carcass Searches at Wind Facilities in Australia*. [📄](#) (p10, en)
- Therkildsen OR, Elmeros M, Kahlert J, Desholm M (2012). *Baseline investigations of bats and birds at wind turbine test centre Østerild*. [📄](#) (p128, en)
- ● Rydell J, Engström H, Hedenström A, Larsen JK, Pettersson J, Green M (2012). *The effect of wind power on birds and bats – A synthesis*. [📄](#) (p152, en)
- Minderman J et al. (2012). *Experimental evidence for the effect of small wind turbine proximity and operation on bird and bat activity*. [📄](#) (p7, en)
- Beucher Y et al. (2012). *Réduction significative de la mortalité des chauves-souris liée aux éoliennes*. [📄](#) (p1, fr)
- Voigt CC, Popa-Lisseanu AG, Niermann I, Kramer-Schadt S (2012). *The catchment area of wind farms for European bats: A plea for international regulations*. [📄](#) (p7, en)
- Brinkmann R, Behr O, Niermann I, Reich M (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)
- Weller TJ, Baldwin JA (2011). *Using echolocation monitoring to model bat occupancy and Inform mitigations at wind energy facilities*. [📄](#) (p13, en)
- Kuntz TH 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)
- Paula João et al. (2011). *Dogs as a tool to improve bird-strike mortality estimates at wind farms*. [📄](#) (p7, en)
- Rydell J, Bach L, Dubourg-Savage M-J, Green M, Rodrigues L et al. (2010). *Mortality of bats at wind turbines links to nocturnal insect migration?*. [📄](#) (p5, en)
- Huso MMP (2010). *An estimator of wildlife fatality from observed carcasses*. [📄](#) (p12, en)
- Arnett EB et al. (2010). *Effectiveness of changing Wind Turbine cut-in speed to reduce bat Fatalities at Wind Facilities: Final Report*. [📄](#) (p58, en)
- Smallwood KS (2009). *Avian and Bat Fatality Rates at Old-Generation and Repowered Wind Turbines in California*. [📄](#) (p10, en)
- Collins J, Jones G (2009). *Differences in bat activity in relation to bat detector height: implications for bat surveys at proposed windfarm sites*. [📄](#) (p8, en)
- ● Sovacool BK (2009). *Contextualizing avian mortality: a preliminary appraisal of bird and bat fatalities from wind, fossil-fuel and nuclear electricity*. [📄](#) (p9, en)
- Jones G (2009). *Determining the potential ecological impact of wind turbines on bat populations in Britain*. [📄](#) (p158, en)
- Arnett EB et al. (2009). *Effectiveness of Changing Wind turbine Cut in speed to reduce bat fatalities at wind facilities - 2008 annual report*. [📄](#) (p45, en)

- Baerwald EF et al. (2008). *Supplemental data: barotrauma is a significant cause of bat fatalities at wind turbines*. [📄](#) (p8, en)
- Service des études sur les transports, les routes et les Aménagements - Setra (2008). *Routes et Chiroptères : Etat des connaissances (rapport bibliographique)*. [📄](#) (p253, fr)
- Oso M - Oregon State University (2008). *Estimators of wildlife fatality: a critical examination of methods*. [📄](#) (p49, en)
- Kelly TA, Fielder JK (2008). *A framework for mitigation of bird and bat strike risk at wind farms using avian radar and SCADA interface*. [📄](#) (p7, en)
- Baerwald EF et al. (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)
- Arnett EB et al. (2008). *Patterns of Bat fatalities at Wind Energy Facilities in North America*. [📄](#) (p18, en)
- Baerwald EF et al. (2008). *A large-scale Mitigation Experiment to Reduce Bat Fatalities at Wind Energy Facilities*. [📄](#) (p5, en)
- Leuzinger Y, Lugon A, Bontadina F (2008). *Eoliennes en Suisse : Mortalité de chauves-souris*. [📄](#) (p34, fr)
- Cryan P (2008). *Overview of Issues Related to Bats and Wind Energy*. [📄](#) (p74, en)
- Longcore T 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)
- Kunz Thomas H et al. (2007). *Ecological impacts of wind energy development on bats: questions, research needs, and hypotheses*. [📄](#) (p14, en)
- ● Ahlen , Bach L, Baagoe HJ, Pettersson J (2007). *Bats and offshore wind turbines studied in southern Scandinavia*. [📄](#) (p37, en)
- Kuntz TH et al. (2007). *Assessing impacts of wind-energy development nocturnally active birds and bats: A guidance document*. [📄](#) (p38, en)
- Kunz TH et al. (2007). *Ecological impact of wind energy development on bats: questions, research needs, and hypotheses*. [📄](#) (p14, en)
- Barclay RMR, Baerwald EF, Gruver JC (2007). *Variation in bat and bird fatalities at wind energy facilities: assessing the effects of rotor size and tower height*. [📄](#) (p8, en)
- Barclay RMR, Baerwald EF, Gruver JC (2007). *Variation in bat and bird fatalities at wind energy facilities: assessing the effects of rotor size and tower height*. [📄](#) (p7, en)
- ● Nicholls B, Racey P A (2007). *Bats avoid radar installations: could electromagnetic fields deter bats from colliding with Turbines?*. [📄](#) (p7, en)
- Jain A et al. (2007). *Annual report for Maple Ridge Wind Power Project - Postconstruction bird and bat fatality study - 2006*. [📄](#) (p61, en)
- Hötter H, Thomsen KM, Jeromin H (2006). *Impacts on biodiversity of exploitation of renewable energy sources: the example of birds and bats*. [📄](#) (p65, en)
- Hotker H (2006). *The impact of repowering of wind farms on birds and bats*. [📄](#) (p38, en)
- California Bat Working Group (2006). *Guidelines for assessing and minimizing impacts to bats at wind energy development sites in California*. [📄](#) (p20, en)
- Brinkmann R, Schauer-Weissahn H, Bontadina F (2006). *Etudes sur les effets potentiels liés au fonctionnement des éoliennes sur les chauves-souris du district de Fribourg*. [📄](#) (p77, fr)
- Bruderer B, Popa-Lisseanu AG (2005). *Radar data on wing-beat frequencies and flight speeds of two bat species*. [📄](#) (p10, en)
- Hirakawa H (2005). *Luring bats to the camera: a new technique for a bat surveys*. [📄](#) (p3, en)
- Dürr T, Bach L (2004). *Fledermäuse als Schlagopfer von Windenergieanlagen - Stand der Erfahrungen mit Einblick in die bundesweite Fundkartei*. [📄](#) (p12, de)
- Johnson G (2004). *Bat ecology related to wind development and lessons learned about impacts on bats from wind development*. [📄](#) (p11, en)
- Erickson W, Johnson G, Young D, Strickland D, Good R, Bourassa M, Bay K, Sernka K (2002). *Synthesis and Comparison of baseline avian and Bat use, raptor nesting and Mortality Information from proposed and existing wind developments*. [📄](#) (p129, en)
- Verboom B, Limpens H (2001). *Windmolens en Vleermuizen*. [📄](#) (p4, nl)