

InsideEcology

Online Magazine for Ecologists, Conservationists and Wildlife Professionals



News Round-Up

Wind turbines cause habitat loss for migratory soaring birds

12th March 2019 • [Add Comment](#)



Source: britishecologicalsociety.org

InsideEcology



about 650-700m around each wind turbine corresponds to flight space lost for soaring birds.

The authors recommend the development of new regulatory measures to reconcile wildlife conservation with wind energy production to apply in areas that are important for the migration of these birds.

Using high-precision GPS equipment to follow with detail the flight of 130 black kites (*Milvus migrans*) in a region populated by wind turbines in Tarifa (southern Spain), and modelling which areas would be most used by these birds taking into account wind conditions and orography, the researchers determined that wind turbines cause a significant loss of flight space.

“Our results demonstrate that there is an area with a radius of about 650m to 700m around each wind turbine that is less used than expected given its potential. This loss of habitat is particularly relevant for migratory soaring birds, which have to use areas with high wind suitability conditions during their migration flights. For these birds, even small losses of adequate flight area may have a major impact on their migratory journey”, explains Ana Teresa Marques, doctoral student at the Centre for Ecology, Evolution and Environmental Changes – cE3c, at the Faculty of Sciences of the University of Lisbon (Portugal) and CEABN InBIO, and first author of this study. [MORE](#)



You may also like



News Round-Up
‘Almost certain extinction’: 1,200 species...



News Round-Up
Guns, snares and bulldozers: new map reveals hotspots...



News Round-Up
Phoenix is losing birds, but desert plants provided by...



News Round-Up
Mowing for monarchs



News Round-Up
Experiences of nature boost children’s learning



News Round-Up
Little owls on the move

Leave a Comment