

POSTERS

Planning issues

Lydie I.E Couturier

Sharing scientific knowledge with stakeholders on identified environmental issues for the integration of French offshore renewable energies: the 'reef effect'

Andreas Dänhardt

Preliminary investigation of sites in the North Sea and the Baltic Sea: first experience with a novel approach to develop offshore wind energy sustainably

Jethro Gauld

Hotspots in the grid: avian sensitivity and vulnerability to collision risk from energy infrastructure interactions in Europe and North Africa

Sidiropoulos Lavrentis

Powerline sensitivity mapping for a diverse raptor assemblage in Thrace, northeast Greece

Species responses

Jay Diffendorfer

Wind turbine wakes can affect vegetation condition as measured by remote sensing.

Joris Everaert

Monitoring the impact of wind turbines on birds with a full 3D radar in a difficult environment

Annemiek Hermans

Sticky-Shark: glueing multisensory tags to sharks to monitor behaviour around the magnetic field from offshore power cables

Nicola Largey

Hen harrier flight behaviours in relation to wind farms: an Irish context

Camille Leroux

Which mechanisms are involved in the effects wind turbines have on habitat use by bats ?

Kristen Liptrot

Nest distribution and breeding success of European nightjar (*Caprimulgus europaeus*) at Brechfa Forest West Wind Farm, Carmarthenshire, Wales

Joana Ribeiro

Fifteen years of bird mortality on wind farms: a review for Portugal

Felix Timmermann

Grey heron and wind turbines, results of a two-year BACI study

Uncertainty in risk assessments

Gonçalo Ferrão da Costa

Toward better design plans: lessons from large carnivores monitoring programs at wind farms in Portugal

Jaz Harker

Marine mammal species identification rates from digital video aerial surveys

Lizanne Jeninga

Predicting bird fatalities at wind farms: comparin

Jude Lane

Model error and misparameterisation in gannet avoidance rates

Sara Pacitto

Foraging ranges web based GIS tool, for Habitat Regulation Assessment (HRA) Screening for Offshore Windfarms

Jens van Erp

Identifying fine scale flight behaviour in 2D bird radar tracks: thermal soaring in offshore wind farms

Anya Wicikowski

Evolution of marine wildlife surveys for assessment of impact on marine megafauna

Cumulative (population) effects

Alvaro Camina

Cumulative results of the soaring birds' migration in the Gulf of Suez, implications for mitigating wind energy potential impacts

Alvaro Camina

Endangered species and wind energy risks: the need of a long-term post-construction monitoring

Paul Rabie

Operational wildlife monitoring at U.S. wind facilities: assessing hoary bat population trends

Wind and wildlife interaction in practice

Arnaud Beckers

The use of drones for systematic carcass search in hay meadows to assess red kite fatalities at wind farms

Alvaro Camina

Wind farm bat fatalities in modified habitats: a case study with bats in the Ebro Valley (northern Spain)

James Duckworth

Constructing an Individual Based Model to explore the consequences of displacement in red-throated divers

Olivier Duriez MIGRALION: tracking terrestrial and marine birds to characterise their use of the Gulf of Lion in the context of renewable energy development

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MIGRALION: tracking terrestrial and marine birds to characterise their use of the Gulf of Lion in the context of renewable energy development

Ros Green

Wildfowl migration in relation to offshore wind farms: A PhD using common shelduck (*Tadorna tadorna*) as a study system

Christof Happ

Cost effective system for the automatic visual detection of bird and bat fatalities at wind turbines

Chad LeBeau

Wind energy and grouse populations: Can grouse endure the increased demand for renewable energy?

Sophie de Grissac

Towards the implementation of an integrated programme of measures relating to birds, marine mammals and chiropterans: the case of two offshore wind farms on different French coastlines

Florian Lecorps

Migralion programme: complementary methods to characterise the use of the Gulf of Lion by birds

Alexandre Leitão

Turbine shutdown as an essential tool to prevent soaring bird mortality at the Gulf of Suez

Maja Maslač Mikulec

Mikulec Spatial and temporal birds' activity analysis: fieldwork results from 13 planned wind farm locations in Northwest Balkans

Mirna Mazija

High resolution 3D radar in bat monitoring and mitigation schemes - implications for windfarms

Sylvain Michel

SEMMACAPE: Monitoring and study of marine megafauna in wind farms by automatic characterisation

Miguel Repas Gonçalves

Seabird interactions around offshore wind turbines in the North Sea

Miriam Schutter

ROV-based insight in the epibenthic community structure around Offshore Wind farms. Effect of location and scour layer type

Donald Solick

Oceanic Records of North American Bats and Implications for Offshore Wind Energy Development

Donald Solick

Simulating Wind Energy Production Effects from Detection-based Smart Curtailment for Bats at Wind Facilities

Tim Steinkamp

A probabilistic methodology to derive spacing regulations and to facilitate wind farm planning

Andreas Vlamakis

On the climatic impacts and benefits of wind energy and their role on biodiversity

Mitigation hierarchy

Alex Banks

The challenge of compensation for offshore wind farm impacts: lessons from the UK North Sea

Esther Clausen

AVES – an automatic bird identification system to reduce mortality risks by collision and down time of wind turbines

Helena Coelho

My wind farm is in a bat migratory route, what now? Mitigation alternatives to ensure project sustainability

Gersende Dangoisse

Agricultural curtailment: a mitigation measure to reduce bird mortality?

Olivier Duriez

EoDist: a web application to determine the minimal distance necessary to detect birds to trigger efficient turbine shutdown

Elena Kappers

Does a single black rotor blade reduce bird mortality?

Edwin Kardinaal

Flat oysters in the Port of Rotterdam: lessons for successful re-introduction in offshore wind farms?

Jonne Kleyheeg-Hartman

Developing automatic radar-controlled shutdown to reduce collision mortality of local breeding birds.

Aki Pian

A novel research approach for wind energy to reduce impacts on birds and bats and move towards wind farms nature-inclusive design

Sandra Rodrigues

Adjusted curtailment as operational mitigation in windfarms – two case studies: resident and migrant bat species

Emílio Roos

What if windfarms could be a net gain opportunity for large carnivores' conservation in neotropical areas?

Tim Steinkamp

Calculation of expected energy production loss due to the deployment of anti collision systems for the protection of red kites in Germany

Aleksandra Szurlej-Kielańska

Bioseco Bird Protection System – effective birds of prey protection against collision on wind farms

Julika Voß

Response of harbour porpoises (*Phocoena phocoena*) to the FaunaGuard and subsequent piling during the construction of offshore wind farms

Outlook to the future – emerging challenges & opportunities

Gonçalo Brotas

Wind energy and the Iberian wolf: what next?

Miguel Mascarenhas

Smart power plant concept: Shifting avoidance in mitigation hierarchy by adopting biodiversity proactive actions, technology-based solutions and adaptive management

Paul Whitelaw

“Generating renewable energy in the Antarctic: an assessment of potential impacts of wind turbines on breeding seabirds within a polar region.”

