

CWW 2025



COEXISTENCE IN A CHANGING WORLD: SHARING EXISTING KNOWLEDGE, CHALLENGES AND EMERGING SOLUTIONS

SEPTEMBER 8-12, 2025 - CORUM, CONVENTION CENTER OF MONTPELLIER

Detailed Scientific Program

Version 3 (final) – 03/09/2025



Co-organizers:



With the support of:



INTRODUCTION / IMPORTANT INFORMATION

This scientific program document provides detailed information on the 3 days of the main conference program.

The program of the workshops on Monday 8 September can be found here : [Workshops - CWW2025](#).

Details about excursions can be found here : [Excursions - CWW2025](#).

As a reminder : workshops and excursions are accessible only to in-person participants who have registered.

No printed version on site:

This detailed scientific program will not be provided physically to participants at the conference. If you wish to have it printed with you, you must print it yourself.

Important information for all participants:

All sessions from Tuesday 9 to Thursday 11 September will be recorded, and recordings will be accessible to all registered participants (online and in-person).

All sessions will be accessible live to all participants (online and participants attending in-person).

Workshops on Monday 8 September will not be recorded neither accessible to online participants (only in-person attendance).

This new version of the program includes a few changes to the distribution of certain talks compared to the preliminary version, as well as changes to the list of posters. The changes were necessary due to constraints encountered by some presenting authors as well as a few last-minute cancellations. We apologize for any inconvenience this may cause.

Despite this being the final version of the program, please note that the detailed scientific program of the conference could still evolve due to last-minute cancellations. The most up-to-date version of the program will be the one accessible on the website at the time of the conference.

Important information for in-person participants:

Please note that special sessions and parallel sessions will start at the exact presented time. We kindly ask all participants to be seated at least 2 minutes before the start of each session.

Attendees are requested not to move from one room to another during parallel sessions so as to not disrupt the sessions in progress and out of respect for the speakers.

Guidelines for Professional Behaviour:

All participants (in-person and online) must comply with the Guidelines for Professional Behaviour that you can have access to here : [Guidelines for Professional Behaviour](#).

These Guidelines contain important basic principles of good behaviour : respect, consideration, thoughtfulness and professionalism are expected from all participants (in-person and online) at all times. Personal attacks directed towards conference participants, including attacks made on social media, will not be tolerated.

CWW applies [The Chatham House Rule](#) for all in person and virtual conference activities. This is a principle of discussion intended to foster open and honest dialogue. Essentially, it means that while participants are free to use the information shared during a meeting, but they cannot reveal the identity or affiliation of the speakers.

Participants should not quote or identify another participant, speaker or contributor to the conference without their specific permission. This includes posts to social media.

We appreciate your attention to these information and guidelines and wish you a productive and meaningful experience at this conference.

Thank you for your support, which helps us make the conference an enjoyable experience for all participants !



PRESENTATION OF THE WORKSHOPS

In total, **9 workshops** will be held on **Monday 8 September**.

All workshops will be held in the main conference venue (Corum Montpellier).

Planned workshops cover several key topics of Wind & Biodiversity issues for both onshore and offshore wind.

A summarized presentation of the workshops is shown below.

TIME	ROOM 2 - BARTHEZ (2 ND FLOOR)	ROOM 1 - RONDELET (2 ND FLOOR)	ROOM 3 - JOFFRE AB (1 ST FLOOR)	ROOM 4 - JOFFRE CD (1 ST FLOOR)	ROOM 5 - JOFFRE G (1 ST FLOOR)
09:30 - 13:00	WORKSHOP 1 - Birds & Offshore Wind - collision risks Annual Meeting of the International Collision Risk Modeling Working Group Organizers : <i>Kate Williams, Aonghais Cook, Evan Adams, Grant Humphreys, Michael Wethington</i>	WORKSHOP 3 Shutdown on Demand for Birds: The State of Science of Observer-led and Automated Shutdown on Demand - Part 1 Organizers : <i>Laith El Moghrabi & David Tidhar</i>	WORKSHOP 4 Mitigating impacts of wind energy development on migratory species through multistakeholder partnership Organizers : <i>Winifred Frick & Tris Allinson</i>	WORKSHOP 6 30 years of offshore wind: what do we know and what do we not know Organizers : <i>Sytske van den Akker & Georg Nehls</i>	WORKSHOP 8 Integrating Social and Environmental Sciences to Aid in Siting and Permitting Organizers : <i>John Aston, Amanda Hale, Roel May, Rhoda Fofack-Garcia, Miguel Repas-Goncalves, and Cris Hein</i>
13:00 - 14:00	LUNCH (3RD FLOOR)				
14:00 - 17:30	WORKSHOP 2 Birds & Offshore Wind - Displacement Organizers : <i>Sue O'Brien, Abel Gymesí & Aonghais Cook</i>	WORKSHOP 3 Shutdown on Demand for Birds: The State of Science of Observer-led and Automated Shutdown on Demand - Part 2 Organizers : <i>Laith El Moghrabi & David Tidhar</i>	WORKSHOP 5 Wildlife protection on the grid side of renewable generation Organizers : <i>Manon Thiel, Brian McGowan & Tris Allinson</i>	WORKSHOP 7 Natural Inclusive Design Organizers : <i>Bob Rumes & Sytske</i>	WORKSHOP 9 Engaging Innovation in Biodiversity Offsets for Wind Energy Projects and Developing Strategies to Maximize Stakeholder Engagement Organizers : <i>Quentin Hays, Adam Cernea Clark, Kari Soltau, Caleb Gordon, Libby Hirshon</i>
17:30 - 18:00					

Detailed presentations of the workshops are available here : [Workshops - CWW2025](#)

Reminder : participation to the workshops requires to pay a specific fee (see here : [Fees & Accommodation](#)).



DETAILED PRESENTATION OF THE MAIN PROGRAM

The main program of the conference, from Tuesday 9 morning until Thursday 11 afternoon will include:

- **3 plenary sessions**, including the opening and closing ceremonies
- **7 special sessions**
- **30 parallel sessions** (with more than 130 different talks)
- **A poster reception cocktail** on Tuesday 9 evening
- **A gala dinner**, on Wednesday 10 evening.

The following tables presents the detailed program for each day.

Special sessions and posters are presented in dedicated chapters after.

All sessions and evening events will be held in the Corum congress center of Montpellier.

Reminder to all participants:

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Thank you for your understanding and support.



SCIENTIFIC PROGRAMME



CWW 2025
8-12 SEPTEMBER

TUESDAY 9 SEPTEMBER

09:00 - 11:00	AUDITORIUM PASTEUR - PLENARY SESSION Opening Ceremony Opening Key Note by Dr Rachel Asante-Owusu (IUCN)			
11:00 - 11:30	COFFEE (30 MINUTES)			
11:30 - 12:30	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 1 Topic: Applying the Mitigation Hierarchy: case studies and good practice examples of avoidance, minimization and mitigation, including off setting and restoration 4 x 12-minutes talks: - Large-scale radar-based mapping of nocturnal bird migration for avoidance and minimisation of wind energy impacts Presenter: <i>Mr Bart Hoekstra, Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam</i> - Novel insights from bat and bird fatality mitigation at wind farms in South Africa Presenter: <i>Dr Caroline Lotter, Inkululeko Wildlife Services</i> - Offshore Wind and Aero fauna: Avoidance Remains the Best Bet Amid Limited Mitigation Evidence Presenter: <i>Ms Kate Williams, Biodiversity Research Institute</i> - Modeling Falco naumanni (Lesser Kestrel) habitat selection according to meteorological conditions to mitigate risk-inducing wind turbines Presenter: <i>Ms Lise Bartholus, Centre d'Écologie et des Sciences de la Conservation (CESCO), MNHN</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 2 Topic: Population and cumulative effects, including climate change 4 x 12-minutes talks: - Assessing Cumulative Impacts of Seabird Collision Caused by Commercial Offshore Wind Farms in the English Channel, North Sea and Atlantic Coast (BIRD RISK) Presenter: <i>Dr James Robbins, Natural Power</i> - Inter-annual variation in space use of breeding seabirds: implications for assessment of offshore wind farm impacts Presenter: <i>Dr Maria Bogdanova, UK Centre for Ecology & Hydrology</i> - Cumulative Life-Cycle Impacts of Offshore Wind Energy Development on Seabirds Presenter: <i>Dr Thomas Kvalnes, Norwegian Institute for Nature Research</i> - Unlocking the potential of hard-won data: using spatial capture-recapture for large carnivore monitoring in wind energy areas Presenter: <i>Dr Gonçalo Costa, BE - Bioinsight & Ecoa</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 3 Topic: Ecosystem and habitat effects of on and offshore wind energy projects 4 x 12-minutes talks: - Quantifying the 3D impact of renewable energy infrastructure development on habitats using aerolIDAR technology Presenter: <i>Dr Mirna Mazija, Supernatural Ltd</i> - Deep learning simulation of seabird trajectories to assess offshore wind farms' impact Presenter: <i>Ms Sophie Benboudjema, EDF R&D</i> - Monitoring Harbour Porpoise Presence and Underwater Sound in an Offshore Wind Farm in the Dutch North Sea Presenter: <i>Dr Joost Brinkkemper, WaterProof</i> - Monitoring of Atlantic cod (Gadus morhua) and European lobsters (Homarus gammarus) at two types of artificial reefs in an offshore wind farm Presenter: <i>Dr Benoit Berges, Wageningen Marine research</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 4 Topic: Species-specific responses of onshore and offshore wind energy projects 4 x 12-minutes talks - Temporal and landscape drivers of bat responses to the wake effect Presenter: <i>Dr Fabien Verniest, Centre d'Ecologie et des Sciences de la Conservation (CESCO), Muséum national d'Histoire naturelle, Station Marine Concarneau</i> - Factors influencing wildlife mortality at wind energy facilities: actual power production, nameplate rating, and season Presenter: <i>Dr Tara Conkling, U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center</i> - Bird survival in wind farms by Monte- Carlo simulation modelling based on wide- ranging flight tracking data of multiple birds during different seasons Presenter: <i>Mr Nikolay Yordanov, Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences</i> - Measurements of noise levels and porpoise disturbance during pile-driving at Moray West Offshore Windfarm; comparison with model predictions used in regulatory assessments. Presenter: <i>Prof Paul Thompson, University of Aberdeen</i>

12:30 - 14:00	LUNCH (1H30)	
14:00 - 15:15	AUDITORIUM PASTEUR Special Session 1 Offshore Wind Collision Detection Systems - State of Science Moderators: <i>Aonghais Cook (The Biodiversity Consultancy) and Jos de Visser (Rijkswaterstaat)</i> Case studies: • Firth of Forth Seabird Interactions Study (radar and cameras) <i>Miguel Repas Goncalves, Strix</i> • Advantages with stereovision for collision detection (daylight cameras) <i>Glen Sykes, Spoor</i> • Measuring bird and bat collisions at an offshore wind turbine (thermal cameras) <i>Karen Krijgsveld, Wageningen Environmental Research WUR</i> • Presentation on developer perspective, hosting collision studies and developing the evidence we need <i>Jesper Kyed Larsen, Vattenfall</i> Panel discussion including: • <i>Aly McCluskie, RSPB</i> • <i>Jesper Kyed Larsen, Vattenfall</i> • <i>Aonghais Cook, The Biodiversity Consultancy</i>	AUDITORIUM EINSTEIN Special Session 2 Wind energy and biodiversity in the tropics Moderators: <i>Emma Bennett (Elmoby Ecology), Kate MacEwan (Western EcoSystems Technology Inc.) & Rosa Palmer (Western EcoSystems Technology Inc.)</i> Including case-study from Asia by Stephanie Sioson (Asian Development Bank) & interviews of 10+ stakeholders from various region of the world.
15:15 - 15:45	COFFEE (30 MINUTES)	

15:45 - 16:45	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 5 Topic: Species-specific responses of onshore and offshore wind energy projects 4 x 12-minutes talks: - Sensitivity to wind turbine collisions: Large differences in time spent flying, proportion of flights at risk height and distance from nest among raptor species Presenter: <i>Mrs Caroline De Zutter, ENGIE Lab CRIGEN</i> - Species-specific risk factors of bat fatalities at onshore wind facilities: interrogating relationships with turbine design, meteorological, and landcover covariates using hierarchical models Presenter: <i>Dr Charles Labuzzetta, U.S. Geological Survey, Fort Collins Science Center</i> - Sensitivity analysis of windfarm and turbine parameters on seabird collision risk Presenter: <i>Dr Jack Forster, HiDef Aerial Surveying Ltd</i> - Tracking a quarter century of changes in common scoter and diver species' distribution and abundance in response to the successive development of the Horns Rev I-III offshore wind farms, Denmark Presenter: <i>Dr Lindesay Scott-Hayward, CREEM, University of St Andrews</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 6 Topic: Regulatory and planning aspects of wind energy projects (including research efforts to inform regulatory or voluntary conservation decisions) 4 x 12-minutes talks: - Multi-season monitoring of bird migration at coastal locations in Norway: Implications for offshore wind farm development Presenter: <i>Dr Line Cordes, Norwegian Institute for Nature Research</i> - Optimizing Renewable Energy Siting to Mitigate Ecological Impact in coastal China: A policy analysis and Multi-Criteria Decision-Making Approach Presenter: <i>Ms Yuechen Huang & Dr Chi-Yeung Choi, Duke Kunshan University</i> - Understanding avian space use for offshore wind farm planning: Challenges of multi-source data integration Presenter: <i>Dr Coline Canonne, France Energies Marines, Centre d'Ecologie Fonctionnelle et Evolutive (CEFE - CNRS)</i> - A Framework for Monitoring Baleen Whales During Offshore Construction Presenter: <i>Dr Kristen Ampela, National Renewable Energy Laboratory</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 7 Topic: Wind energy and biodiversity in practice 4 x 12-minutes talks: - Impact of wind energy to birds and bats in the Coquimbo Region, Chile Presenter: <i>Mr Alvaro Camina Cardenal, ACRENASL Environmental Consultants</i> - Quantifying and reducing avian collision risk through turbine-level modelling and iterative design Presenter: <i>Dr Elizabeth Stark, Symbolix Pty Ltd</i> - Evaluation of the Turbine Integrated Mortality Reduction (TIMRSM) technology as a smart curtailment approach Presenter: <i>Mr Christian Newman, EPRI & Mr Donald Solick, Electric Power Research Institute</i> - Marine life inside monopiles in an offshore wind farm at the North Sea Presenter: <i>Dr Sytske Van Den Akker, Waardenburg Ecology</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 8 Topic: Future challenges, emerging solutions and technologies 4 x 12-minutes talks: - Advancing Offshore Wind through Innovation and Biodiversity-Positive Solutions Presenter: <i>Ms Claire Weller, RWE Offshore Wind GmbH</i> - Offshore Wind Development in Brazil: Opportunities, Challenges, and Biodiversity Considerations Presenter: <i>Ms Venina Ribeiro, STRIX</i> - Satellite-Based Monitoring of Large Whales in Offshore Wind Farm Areas: A novel approach for sustainable wind farm development Presenter: <i>Ms Caroline Hoeschle, BioConsult SH</i> - Decommissioning – underwater source characterization of monopile cutting. Presenter: <i>Ms Joanna Sarnocińska-Kot, Vattenfall</i>
16:45 - 17:00	15 MIN BREAK TO MOVE BETWEEN SESSIONS			

17:00 - 18:00	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 9 Main topics: Population and cumulative effects; Applying the Mitigation Hierarchy 6 x 6-minutes talks: - Quantifying Future Biodiversity Impacts of Renewables: Onshore Wind and its Future Role in the Norwegian Electricity System <i>Dr Dafna Gilad, Norwegian Institute for Nature Research</i> - Bat Multifactorial Dynamic vs. Fixed Curtailment: Modelling impacts on Bat Activity Preservation and Production Losses in French and Belgian Wind Farms. <i>Dr Anne Beaudry, Sens of Life</i> - Bird Migration Alerts: tools, methodology, and potential uses for mitigating the impacts of wind energy on avifauna <i>Dr Amédée Roy, France Energies Marines</i> - Cumulative impact of wind energy on red kite population in Wallonia <i>Mr Arnaud Beckers, CSD ingénieurs</i> - The third Renewable Energy Directive: Finding a balance between accelerated renewable energy development and nature protection <i>Dr Anne Lansink, Utrecht University</i> - The effectiveness of existing solutions to mitigate impacts of onshore wind farms on flying vertebrates and invertebrates: A Rapid Review <i>Dr Aurélie Quinard, Fondation pour la Recherche sur la Biodiversité (To be confirmed)</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 10 Main topics: Species-specific responses; Ecosystem and habitat effects 6 x 6-minutes talks: - OCCAM: A tool for rapidly assessing impacts of offshore wind farms to seabirds <i>Dr Gillian Vallejo, Natural Power</i> - Timing Is Everything: Identifying Peak Bird Migration Periods for Wind Turbine Curtailment in the North Sea <i>Mr Øyvind Nyheim, Norwegian Institute for Nature Research</i> - Monitoring potential impacts of floating offshore wind turbine on benthic and pelagic communities <i>Dr Thomas Soulard, Fondation OPEN-C</i> - Framework for evaluating Seabird Species for Mitigation of Offshore Wind Energy Development Impacts in the California Current Ecosystem <i>Aspen Ellis, University of California, Santa Cruz</i> - Behavioural Responses of Crustacea to Environmentally relevant Electromagnetic Field (EMFs) from Submarine Power Cables focusing on Gender specific Impact <i>Ms Elizabeth James, University of Portsmouth</i> - The high value of long-term data: CPOD data indicate a stable population of harbour porpoises in the German Bight, North Sea <i>Mr Ansgar Diederichs, BioConsult SH</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 11 Main topics: Wind energy and biodiversity in practice; Regulatory and planning aspects 6 x 6-minutes talks: - Biodiversity LCA Frameworks for Offshore Wind Projects <i>Ms Minja Mihajlovic, Dutch Marine Energy Centre</i> - Biodiversity of fish assemblages around OWF infrastructure 17 years after deployment in the Swedish wind farm Lillgrund <i>Ms Johanna Bergman, Swedish University of Agricultural Sciences</i> - Harmonising offshore wind and marine conservation: Lessons from indicator species and international noise regulations <i>Ms Ally Russel, ERM Ltd</i> - Concurrent tracking of multiple seabird species to inform offshore wind energy development in the New York Bight (USA) <i>Dr Juliet Lamb, The Nature Conservancy</i> - Vertical habitat use of great black-backed gulls in offshore habitats and implications for collision risk in the northeast US <i>Ms Esther Nosazeogie, School of Marine and Atmospheric Sciences, Stony Brook University</i> - An experimental evaluation of airborne imagery and LiDAR for seabird flight height determination – initial results from the OWEC ReSCUE project <i>Dr Philipp Boersch-Supan, British Trust for Ornithology</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 12 Main topics: Landscape-level approaches; Applying the Mitigation Hierarchy 6 x 6-minutes talks: - Rapid build-out of decarbonized energy may reduce global extinction rates <i>Dr Paul Rabie, Western EcoSystems Technology, Inc. (WEST)</i> - Investigating the Influence of Onshore Wind Farms on Red Kite Movement Ecology In Scotland: A Multi-Scale Analysis <i>Ms Anna Costley-Wood, University of Stirling</i> - Project WOW: Characterizing Marine Communities and Assessing Risk to Seabirds from Offshore Wind Energy Development <i>Julia Gulka, Biodiversity Research Institute</i> - BRAIDS: A multi-partner collaborative study of the interactions between seabirds, avian influenza, and offshore wind developments in Scotland. <i>Dr Elspeth Sage, RSPB Centre for Conservation Science</i> - Challenging the ARO sequence to protect the sea and its biodiversity <i>Dr Catherine Boemare, CIRED-EHESS</i> - POSEIDON: mapping offshore wind risk to seabirds and other receptors in the UK <i>Dr Alex Banks, Natural England</i>
19:00 - 23:00	POSTER RECEPTION COCKTAIL (CORUM MONTPELLIER - ANTIGONE / 2ND FLOOR)			

09:00 - 10:00	AUDITORIUM PASTEUR - PLENARY SESSION “The wind of innovation: how new ideas are changing the sustainability of wind industry” Key Note Speakers : Florence Simonet (Vattenfall) & Umberto Binetti (RWE)			
10:00 - 10:30	COFFEE (30 MINUTES)			
10:30 - 11:30	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 13 Topic: Species-specific responses of onshore and offshore wind energy projects 4 x 12-minutes talks: - Radar-Based Monitoring of Nocturnal Seabird Activity in the Atacama Desert, Chile: A Case Study on Storm-Petrels and Energy Development Presenter: <i>Mr Rui Machado, STRIX</i> - Gaps and challenges in environmental regulation of wind energy in South America: A Focus on flying wildlife monitoring Presenter: <i>Dr Natalia Rebelo, Grupo de Investigaciones en Biología de la Conservación, Universidad Nacional del Comahue – CONICET</i> - The Altitude of Bat Flight and Wind Turbine Fatality Risk Exposure Presenter: <i>Dr Teague O'Mara, Bat Conservation International</i> - Attempt to Detect the Combined Impact of Integrated wind-solar Power Facilities on Birds Presenter: <i>Mr Masashi Barada, Tokyo City University</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 14 Topic: Landscape-level approaches to address wind energy/biodiversity challenges, particularly those affecting multiple land users and stakeholders 4 x 12-minutes talks: - Minimizing conflicts between offshore wind energy and fisheries: Lessons from the Iberian Peninsula (Portugal) Presenter: <i>Ms Inès Machado, WavEC Offshore Renewables</i> - The Marine Mapping Tool: Supporting regionally coordinated and data-driven environmental mitigation actions around offshore wind in the Northeast region of the United States Presenters: <i>Mrs Tricia Jedele, The Nature Conservancy & Dr Marta Ribera, The Nature Conservancy</i> - Assessing areas for potential interaction between tricolored bats and wind energy facilities using distribution modelling Presenters: <i>Mr. Roger Rodriguez, EchoSense LLC & Dr. James Robbins, Natural power</i> - Navigating the Green Dilemma: Stakeholder-Driven Research Priorities to Curb Biodiversity Loss in South Africa's Green Energy Transition Presenter: <i>Ms Merlyn Nkomo, FitzPatrick Institute of African Ornithology, University of Cape Town</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 15 Topic: Future challenges, emerging solutions and technologies 4 x 12-minutes talks: - A Spatially Explicit Bird Collision Risk Framework for Onshore Wind Energy Developments Based on Semi-Automated Radar Data Presenter: <i>Dr Pedro G. Nicolau, STRIX</i> - Exploring Underwater Noise Impacts of Multiuse Projects in the Offshore Environment: a Floating Wind and Aquaculture Prototype Presenter: <i>Ms Luana Clementino, WavEC Offshore Renewables</i> - Efficacy analysis of the IdentiFlight avian anti-collision system using fatality monitoring data across 15 windfarms in 3 continents Presenters: <i>Mr Carlos Jorquera, Boulder Imaging Inc & Mr Caleb Putnam, Real Birds LLC</i> - Optimized biodiversity monitoring surveys using autonomous vehicles for offshore wind projects Presenter: <i>Dr Camille Le Guen, TotalEnergies OneTech SA</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 16 Topic: Ecosystem and habitat effects of on and offshore wind energy projects 4 x 12-minutes talks: - Impact of offshore wind farm lay-out on ecosystem functions Presenter: <i>Mr Luka Jaksic, Deltares</i> - Can new technology & methodology support sustainable ecosystem monitoring in an offshore wind farm? The SeaMe project Presenter: <i>Dr Petra Ringeltaube, RWE Offshore Wind GmbH</i> - Assessing fish distribution and environmental drivers in the wake of an offshore wind turbine using multi-instrument seabed landers Presenter: <i>Dr Benjamin Williamson, Environmental Research Institute, The University of the Highlands and Islands</i> - Bottlenecks in restoring biogenic reefs at offshore wind farms Presenter: <i>Dr Zhiyuan Zhao, Royal Netherlands Institute for Sea Research (NIOZ)</i>

11:30 - 11:45	15 MIN BREAK TO MOVE BETWEEN SESSIONS			
11:45 - 12:45	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 17 Topic: Applying the Mitigation Hierarchy: case studies and good practice examples of avoidance, minimization and mitigation, including off setting and restoration 4 x 12-minutes talks: - Achieving a Win-Win for wind energy and bat conservation: A case study of adaptive mitigation strategies from a Portuguese wind farm Presenter: <i>Silvia Mesquita, BE - Bioinsight & Eco</i> - Unlocking Sustainable Onshore Wind Energy Development in the Eastern Cape through effective mitigation implementation Presenter: <i>Mrs Andisiwe Xuma, Eastern Cape Department of Economic Development, Environmental Affairs and Tourism</i> - Evaluating the applicability of an AI-based collision avoidance system focusing on ecological as well as economic factors – A case study from Germany Presenter: <i>Mrs Eva Schuster, Boulder imaging Inc.</i> - Cumulative effects of offshore wind farm scenarios on seabirds in the southern North Sea - Options for mitigation through site selection Presenter: <i>Dr Verena Peschko, Federation of German Avifaunists</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 18 Topic: Wind energy and biodiversity in practice 4 x 12-minutes talks: - Evaluating biodiversity aspects of wind energy development for assimilation into Strategic Environmental Assessment (SEA): A case study of Jhimpir wind region, Pakistan Presenters: <i>Mr Osama Zulqurnain, Z5 Enterprise & Mr Farooq Ali Khan, HESS Sustainability</i> - Acoustic exposure at wind turbines reveals variation in bat fatality risk and curtailment effectiveness Presenter: <i>Ms Seta Aghababian, Stantec Consulting Services Inc.</i> - Evaluating impacts on birds for a better repowering of wind farms Presenter: <i>Ms Cristina Acosta, BIODIVERSITY NODE SL</i> - Changes to Plant Community Composition in Wind Energy Landscapes Presenter: <i>Mr Lukas Seifert, Norwegian University for Technology and Science (NTNU)</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 19 Topic: Population and cumulative effects, including climate change 4 x 12-minutes talks: - Offshore wind farms as part of the 'Marine Sentinel Areas' network Presenter: <i>Prof David Mouillot, University of Montpellier</i> - Applying a PVA to the case of vultures in Kenya. The example of Kipeto integrated windfarm and conservation project using the EolPop package Presenters: <i>Mr Renald Boulnois, Biotope & Dr Nicolas Carenton, Biotope</i> - Enhancing offshore wind impact assessments: Tracking kittiwake connectivity for improved apportioning of mortality risk Presenter: <i>Mr Vance Mak, University of Exeter</i> - Comparing algorithm-based versus acoustic-activated smart curtailment methods for mitigating bat risk with wind energy production Presenter: <i>Mr Roger Rodriguez, EchoSense LLC</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 20 Panel session - Finance and wind energy: key topics for safeguarding biodiversity

12:45 - 14:15	LUNCH (1H30)	
14:15 - 15:45	AUDITORIUM PASTEUR Special Session 3 Meeting the challenge of mitigating bat mortality at wind energy facilities Moderators: Winifred F. Frick (<i>Bat Conservation International</i>) & Mirna Mazija (<i>Supernatural</i>) Case-studies: - Proposed Guidelines for Monitoring, Evaluation, Prevention, and Mitigation of Wind Farms' Impacts on Bats in Mexico <i>Minerva Angela Uribe Rivera, Universidad Autónoma de Baja California</i> - Population level impacts of wind energy for two fruit bat species in South Africa <i>Jonathan Aronson, Camissa Sustainability Consulting</i> - From cumulative impact assessment and threshold definition to curtailment: a four-year mitigation case study for migrating bats <i>Sandra Rodrigues, BE - Bioinsight & Ecoa</i>	AUDITORIUM EINSTEIN Special Session 4 Offshore wind in emerging markets Moderators: Kate Williams (<i>Biodiversity Research Institute</i>) and Aonghais Cook (<i>The Biodiversity Consultancy</i>) Case-studies: - SAFE and FAIR data solutions: A demonstration of the SAFE to inform marine habitat benchmarks to study the cumulative impacts of offshore wind farms <i>Harrison Carmody, School of Biological Sciences, The University of Western Australia, Perth</i> - Change of seabird diversity and abundance at offshore windfarm in Taiwan Strait <i>Chung Hang Hung, National Taiwan University.</i> - Occurrence and activity of bats in the offshore windfarm environment, a first of its kind study in South African waters <i>Werner Marais, Animalia Consultants</i> - Boosting the recognition of migratory bird flight paths over the Baltic Sea for collision risk modeling using machine learning in the analysis of ornithological radar data <i>Rafał Siuchno, 3BIRD</i>
15:45 - 16:15	COFFEE (30 MINUTES)	

16:15 - 17:30	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 21 Topic: Lessons learned in marine and terrestrial environments for wind energy development 5 x 12-minutes talks: - Challenges and Lessons from the Bajgora Wind Energy Project, the target in the Republic of Kosova to Date Presenter: Ms Amra Vuçitërna, University of Prishtina & Ms Sidorela Buzhala, OZON Space L.L.C - Efficient protection of migrating bats at offshore wind turbines: Results from an 8-year study in the German sea Presenter: Prof Christian Voigt, Leibniz Institute for Zoo and Wildlife Research - RETEX Project: A Large-Scale Review of Environmental Effects from European Offshore Wind Farms Based on Regulatory Monitoring Reports Presenter: Mrs Pauline De Rock, Biotope - 20 years of impact monitoring on seabirds in the Belgian North Sea: insights into species-specific responses to wind energy development and prospects for future research Presenter: Dr Robin Daelemans, Research Institute for Nature and Forest (INBO) - Seabird and seabed compensatory measures for offshore wind impacts - lessons learnt from England Presenters: Mr Martin Kerby, Natural England & Ms Louise Burton, Natural England	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 22 Topic: Ecosystem and habitat effects of on and offshore wind energy projects 5 x 12-minutes talks: - Habitat and wind farm features drive bird and bat mortality, but curtailment measures effectively reduce bat fatalities Presenter: Dr Andreas Ravache, Centre d'Ecologie et des Sciences de la Conservation (CESCO), Muséum national d'Histoire naturelle, Station Marine Concarneau - Team work makes the dream work - ecological restoration at Clocaenog Forest Wind Farm in North Wales, UK Presenter: Mrs Kristen Liptrot, RWE - Seabirds and fish distributions and behaviour: understanding predator-prey interactions to build evidence for cumulative impact assessment Presenter: Dr Esther Jones, Biomathematics & Statistics Scotland - Marine mammal foraging activity at offshore windfarm sites: Do changes in prey fields influence marine mammal response to disturbance? Presenter: Dr Aude Benhemma-Le Gall, University of Aberdeen - Nature-friendly decommissioning of offshore wind farms: Choosing the best path for marine life Presenter: Mr Pim Somers, North Sea Foundation	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 23 Topic: Regulatory and planning aspects of wind energy projects (including research efforts to inform regulatory or voluntary conservation decisions) 5 x 12-minutes talks: - Nature-Inclusive Design in Offshore Renewable Energy: Advancing Sustainability Through Innovation Presenters: Ms Yuki Esser, Dutch Marine Energy Centre & Ms Minja Mihajlovic, Dutch Marine Energy Centre - Establishing baselines of baleen whale movements in the New York Bight, U.S., through satellite telemetry Presenter: Ms Sarah Trabue, Wildlife Conservation Society - Species-specific temporal patterns of bat mortality at Australian wind farms with recommendations for industry Presenters: Dr Elizabeth Stark, Symbolix Pty Ltd ; Dr Stevie Florent, University of Canterbury, New Zealand - Testing the efficacy of an automated detection and audio deterrence system to reduce collision risk for Golden Eagles Presenter: Dr Shilo K. Felton, Renewable Energy Wildlife Institute - Mapping avian sensitivity in a seemingly homogeneous desert landscape: A case study from Egypt Presenter: Ms Bruna Arbo-Meneses, BirdLife International	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 24 Topic: Species-specific responses of onshore and offshore wind energy projects 5 x 12-minutes talks: - Acoustic monitoring of bats in the Pacific Ocean using an uncrewed surface vehicle Presenter: Mr Michael Whibty, Bat Conservation International - Changes in the flight paths of geese and swans before and after the construction of seven onshore wind farms in northern Hokkaido, Japan. Presenter: Mr Tatsuya Ura, Wild Bird Society of Japan - Mapping fine-scale priority areas for reducing bird electrocution: a case study of the Lear's Macaw in Brazil Presenter: Dr Larissa Biasotto, BirdLife International - Auks in the German North Sea: Effects of offshore wind farms Presenter: Dr Christina Bauch, IBL Umweltplanung - Effects of acoustic logger array design on studies of cetacean responses to offshore wind farms Presenter: Dr Gordon Hastie, Sea Mammal Research Unit, Scottish Oceans Institute, University of St Andrews
FROM 19:00	CONFERENCE GALA DINNER (CORUM MONTPELLIER – 3RD FLOOR)			

THURSDAY 11 SEPTEMBER

09:00 - 10:15	AUDITORIUM PASTEUR - GROUND FLOOR Parallel session 25 Topic: Wind energy in practice 5 x 12-minutes talks: - Cumulative Impact Assessment of the Ras Gharib Wind Energy (262MW) in Egypt: Evaluating Bird Behavior and the Effectiveness of the ATMP Program Presenter: <i>Mr Ali Khazma, RCREEE</i> - Accommodate Marine Renewable Energies and Biodiversity: Impacts of Submarine Power Cable Electro-Magnetic Field Modifications on Electro-Magneto Sensible Aquatic Species Presenter: <i>Dr Céline Artero, Museum National d'Histoire Naturelle, Station Marine de Dinard</i> - Nature-Positive Energy Principles: Environmentally Responsible Renewable Energy Siting and Permitting Presenter: <i>Ms Manon Thiel, Renewables Grid Initiative</i> - Financial Implications of Existing US Wind Facilities from Operational Curtailment for Bats Presenter: <i>Mr Christian Newman & Mr Donald Solick, EPRI</i> - First evidence of habituation to an offshore wind farm in a highly sensitive seabird ? Presenter: <i>Dr Claudia Burger, BioConsult SH</i>	AUDITORIUM EINSTEIN - GROUND FLOOR Parallel session 26 Topic: Regulatory and planning aspects of wind energy projects (including research efforts to inform regulatory or voluntary conservation decisions) 5 x 12-minutes talks: - Bird sensitivity index at onshore wind farms: a novel trait-based approach to identify priority species Presenter: <i>Dr Larissa Biasotto, BirdLife International</i> - Quantify birds movement pattern in onshore wind farm along the east coast of China Presenter: <i>Ms Lili Jia, Beijing Sinorobin Radar Technology Co., Ltd</i> - Influence of weather conditions on the flight decisions of migratory birds over future offshore wind energy facilities Presenter: <i>Dr Jocelyn Champagnon, Tour du Valat, research institute for the conservation of Mediterranean wetlands</i> - Integrating diverse data streams to rapidly assess seabird distributions in response to an emerging offshore wind industry Presenter: <i>Mr Nicholas Pattison, School of Biological Sciences, Monash University</i> - Harbour porpoises and operational wind farms: A large-scale study in the German Bight Presenter: <i>Ms Veronika Wahl, IBL Umweltplanung GmbH</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 27 Topic: Applying the Mitigation Hierarchy: case studies and good practice examples of avoidance, minimization and mitigation, including off setting and restoration 5 x 12-minutes talks: - Benefits and costs of predictive wind turbine curtailment for mitigating the collision risk of raptors during the breeding season Presenter: <i>Dr Tonio Schaub, Aix-Marseille University</i> - Measures to reduce griffon vulture mortality at a wind farm in Guadalajara Presenter: <i>Ms Cristina Acosta, BIODIVERSITY NODE SL</i> - Spreading our Wings: Pioneering Bird Flyway Research for Wind Energy in Mpumalanga, South Africa Presenter: <i>Mr Matt Pretorius, Endangered Wildlife Trust</i> - Multi-objective wind farm layout optimization to reduce barrier effects for seabirds Presenter: <i>Dr Marin Van Regteren, Eneco</i> - Acoustically-Triggered Curtailment – protecting bats with the SMART System Presenter: <i>Dr Fran Tattersall, Automated Bioacoustics Ltd</i>	ROOM 2 (BARTHEZ) - 2ND FLOOR Parallel session 28 Topic: Species-specific responses of onshore and offshore wind energy projects 4 x 12-minutes talks: - Is bat activity at nacelle height a good predictor of wind turbine mortality? Presenter: <i>Dr Elise Sivault, Centre d'Ecologie et des Sciences de la Conservation (CESCO), Muséum national d'Histoire naturelle, Station Marine Concarneau</i> - Insectivorous bat activity reduces in the presence of wind turbines in India Presenter: <i>Mr Sreejith Jayakumar, Nature Conservation Foundation</i> - Offshore wind turbine foundations influence the distribution and behaviour of haddock <i>Melanogrammus aeglefinus</i> – a case study using complimentary methods in two operational wind farms in Scotland. Presenter: <i>Dr Anthony Bicknell, University of Exeter</i> - Ten years of porpoise monitoring on the east coast of Scotland during offshore wind farm development Presenter: <i>Dr Evelyn Philpott, Marine Directorate, SEDD Portfolio, Scottish Government</i>
10:15 - 10:45	COFFEE (30 MINUTES)			

10:15 - 10:45	COFFEE (30 MINUTES)			
10:45 - 12:00	AUDITORIUM PASTEUR - GROUND FLOOR Special session 5 Dealing with uncertainty: balancing adaptive management, the precautionary principle, and scientific advancement Moderator: <i>Sam Ralston-Paton</i> Case-studies: - Quantifying and Enhancing Biodiversity at Irish Onshore Windfarms <i>Emma King, Trinity College Dublin</i> - Acoustics validate proper implementation of curtailment, generating ideal feedback for adaptive management <i>Caroline Byrne, Stantec Consulting Services Inc.</i> - Advancing Wind Energy Monitoring in Brazil: The Integrated Approach at an energy complex of 28 wind farms <i>Emilio Roos da Silva, BE - Bioinsight & Ecoa</i> - Closing the Loop: Recommending a Feedback Approach for Post-Consent Monitoring to Reduce Consenting Risk in Assessments <i>Esther Jones, Biomathematics & Statistics Scotland</i>	AUDITORIUM EINSTEIN- GROUND FLOOR Parallel session 29 Topic: Ecosystem and habitat effects of on and offshore wind energy projects 5 x 12-minutes talks: - Evaluating the Effectiveness of Flight Risk Models in Predicting Collision Risks for the Endangered Black Harrier (<i>Circus maurus</i>), an Endemic Breeding Raptor. Presenter: <i>Mr Robin Colyn, FitzPatrick Institute, University of Cape Town</i> - A spatially explicit performance indicator to evaluate impact of onshore wind energy infrastructure on various ecosystem services using different life-cycle impact pathways Presenter: <i>Dr Roel May, Norwegian Institute for Nature Research</i> - Black sea bass (<i>Centropristis striata</i>) response to novel habitat introduced during offshore wind construction along the Northeastern United States Coast: Examples from South Fork Wind Presenter: <i>Dr Gregory Decelles, Orsted</i> - Fish for thought: The nutritional quality of prey species within a developing offshore wind landscape Presenter: <i>Ms Philippa Wright, Sea Mammal Research Unit, Scottish Oceans Institute, University of St Andrews</i> - PELAGIO: Physics-to-ecosystem level assessment of impacts of offshore wind farms Presenter: <i>Dr Benjamin Williamson, Environmental Research Institute, The University of the Highlands and Islands</i>	ROOM 1 (RONDELET) - 2ND FLOOR Parallel session 30 Topic: Wind energy and biodiversity in practice 5 x 12-minutes talks: - No evidence that bats are attracted to the wakes of wind turbines at an Iowa wind facility Presenter: <i>Mr Christian Newman, Electric Power Research Institute</i> - Strategies for efficient large bird fatality monitoring Presenter: <i>Mr Eric Hallingstad, Western EcoSystems Technology, Inc. (WEST)</i> - Brown bear females, cubs and wind turbines Presenter: <i>Dr Slaven Reljic, Oikon Ltd. - Institute for Applied Ecology; Faculty of Veterinary Medicine, University of Zagreb</i> - Prioritising the allocation of funding for Vulture electrocution mitigation in South Africa – A case study of the Renewable Energy Development Zones Presenter: <i>Ms Abulele Adams, Council for Scientific and Industrial Research and Centre for Sustainability Transitions</i> - Seascape-scale restoration - seagrass, oysters and saltmarsh three years on Presenter: <i>Samir Whitaker, Ørsted</i>	
12:00 - 13:30	LUNCH (1H30)			

13:30 - 15:00	AUDITORIUM PASTEUR Special Session 6 Exploring blade patterning as a mitigation strategy - Results from studies across the globe, lessons learned and the way forward Moderators: <i>Moderators : Shilo K. Felton (REWI) & Roel May (NINA)</i> Case-studies and talks: • Introduction: Joint responsibility in the development of effective wind-turbine collision-reducing solutions <i>Roel May (NINA)</i> • The search for the holy grail: one black rotor blade did not reduce bird mortality in windfarm Eemshaven <i>Erik Klop (Altenburg & Wymenga)</i> • Crouching Tiger, Hidden Dangers: Blade patterning reduces avian impacts at a species rich African wind farm <i>Rob Simmons (University of Cape Town)</i> • Exploring blade patterning as a mitigation strategy: progress and perspectives from South Africa (a case study) <i>Samantha Ralston-Paton (BirdLife South Africa)</i> • Differing effect of black-and-white blade designs on birds' detection of turbine rotation <i>Constance Blary, CEFÉ-CNRS</i> • Optimizing blade patterns for avian collision mitigation: a computer vision approach <i>Marco Klein Heerenbrink (University of Oxford)</i> Discussion moderated by <i>Shilo Felton (REWI)</i>	AUDITORIUM EINSTEIN Special Session 7 From assessing to managing subsea impacts of offshore wind Moderators: <i>Sytske Van den Akker (Waardenburg Ecology) and Bob Rumes (Royal Belgian Institute of Natural Sciences)</i> Case-studies and talks: • Regional impacts of offshore wind farms on the North Sea <i>Luca van Duren, Deltares</i> • POSEIDON: introducing the new marine biodiversity risk mapping tool for offshore wind <i>Alex Banks, Natural England</i> • Impact of offshore wind farm construction on benthic-demersal fish: insights from six years of Canadian trawl surveys in the Bay of Saint-Brieuc <i>Raquel Marques, Setec énergie environnement</i> • Assessing the impacts of offshore wind development on marine food webs in the US Atlantic <i>Kim Lato, Biodiversity Research Institute</i> • NID - feedback from workshop of September 8th, by <i>Bob Rumes</i> • Role of windfarms in restoration of natural reefs <i>Karin Didderen (Waardenburg Ecology)</i>
15:00 - 15:30	COFFEE (30 MINUTES)	
15:30 - 17:00	AUDITORIUM PASTEUR - PLENARY SESSION Closing Ceremony	

DETAILED PRESENTATION OF THE SPECIAL SESSIONS

Seven special sessions will be organized during the main conference program from Tuesday 9th till Thursday 11th. All special sessions will be held in the 2 auditoriums of the conference venue (Corum Montpellier).

Planned special session cover several key topics of Wind & Biodiversity issues for both onshore and offshore wind. Each special session is shortly presented below :

- **Special session 1 - Offshore Wind Collision Detection Systems - State of Science.**

Tuesday 9th September afternoon

- **Special Session 2 - Wind energy and biodiversity in the tropics.**

Tuesday 9th September afternoon

- **Special Session 3 - Meeting the challenge of mitigating bat mortality at wind energy facilities.**

Wednesday 10th September afternoon

- **Special Session 4 - Offshore wind in emerging markets.**

Wednesday 10th September afternoon

- **Special Session 5 - Dealing with uncertainty: balancing adaptive management, the precautionary principle, and scientific advancement.**

Thursday 11th September morning

- **Special Session 6 - Exploring blade patterning as a mitigation strategy—results from studies across the globe, lessons learned and the way forward.**

Thursday 11th September afternoon

- **Special Session 7 - From assessing to managing subsea impacts of offshore wind.**

Thursday 11th September afternoon

Detailed presentations of the special sessions are available here : [Special Sessions - CWW2025](#).

Please note that some information could still evolve in the next weeks (especially: panelists, time slot).

Participation to the special sessions is included in the conference registration fee (in-person and online).



PRESENTATION OF POSTERS

ALMOST 140 POSTERS WILL BE PRESENTED AT THE CONFERENCE IN A VERY LARGE DEDICATED ROOM.

Poster authors are expected to stand by their posters during the poster sessions to discuss their work and answer questions.

The main poster session will be held on Tuesday 9th September evening with a dedicated poster reception with a cocktail. All poster presenters are asked to attend that poster reception.

Posters will also be visible, on the same dedicated room on Wednesday and Thursday. Poster presenters will be very welcome to stand by their poster during breaks.

Important information for all participants:

- This new version of the program includes changes in poster numbers compared to the preliminary version. These poster numbers are final. The changes were necessary due to some requests from some presenting authors to place posters next to each other, as well as a few last-minute cancellations. We apologize for any inconvenience these changes may cause.
- To assist poster presenters in easily identifying their posters, a table showing the correspondence between the conference poster numbers and the submission ID of their abstracts on ExOrdo is displayed after the list of posters.
- Additionally, to help participants who may have started preparing their attendance and selecting interesting posters using the preliminary program's poster numbers, a table showing the correspondence between the final poster numbers at the conference and those used in the preliminary program is also displayed after the list of posters.

Distribution of the posters: the posters will be distributed in numerical order in the room.

Important: posters awards

All **in-person participants will be invited to vote for their 3 favourite posters** (1 vote = 1 point), based on the scientific and aesthetic quality of the posters (one vote only, no categories).

Voting will be possible on the Conference App from Tuesday afternoon until Thursday noon.

The three posters with the most votes will receive an award at the closing ceremony.

P001 Assessing measurement bias in flight height estimates from animal tracking devices

Dr Evan Adams, Biodiversity Research Institute

Dr Kim Lato, Dr Philipp Boersch-Supan, Dr Melinda Connors, Dr Daniel Johnston, Ms Esther Nosazeogie, Dr Lesley Thorne, Dr Michael Wethington, Dr Kate Williams

P002 Large-scale validation of smart curtailment using nacelle-mounted acoustic detectors

Ms Seta Aghababian, Stantec Consulting Services Inc.

Dr Trevor Peterson, Ms Caroline Byrne

P003 How can food-webs models be relevant to assess the direct and indirect impacts of human activities on marine mammals ?

Ms Emma Azaïnou, France Energies Marines

Dr Pierre Bourdaud, Dr Karine Heerah, Dr Juliette Delavenne, Dr Lydie Couturier, Dr Yann Planque, Dr Anthony Acou, Mr Etienne Almorice, Mr Hugo Blanchet, Dr Frida Ben Rais Lasram, Mr Nicolas Buisson, Mr Antoine Chabrolle, Mr Dominique Clorennec, Ms Magali Collin, Ms Lena Despringhere, Dr Ronan Fablet, Ms Célia Fery, Mr Fabrice Gallien, Dr Lisa Garnier, Dr Laura Iborra, Dr François Le Loch, Dr Nathalie Niquil, Mr Gilles Nolibé, Dr Jean-Philippe Pezy, Ms Emma Quintard, Dr Flore Samaran, Dr Thomas Trancart, Ms Nastassia Urien, Ms Jehanne Prévot

P004 Monitoring wind energy projects in Spain: an analysis of environmental consents and impacts on wildlife

Mr Gaspar Arenas Martinez, Ideas Medioambientales

Mr Cristóbal Martínez Iniesta



P005 Simultaneous offshore and inshore radar recordings bring new insights into bird migration at the Gulf of Lions scale

Dr Camille Assali, Biotope

Mr Dorian Chauvin, Mr Cyprien Daïdé, Mr Nicolas Delelis, Mr Vincent Liebault, Dr Baptiste Schmid, Ms Hélène Schopper, Mr Vincent Delcourt

P006 Using novel techniques to calculate flight heights of Manx shearwaters and storm-petrels in the Irish and Celtic Seas with a view to understanding impact pathways from future offshore wind farm (OWF) development

Ms Bryony Baker, JNCC

Dr Orea Anderson, Ms Sarah Fenn, Dr Lise Ruffino, Dr Helen Baker, Dr Kerstin Kober, Dr Sarah Money

P007 MARCIS: A tool for assessing the cumulative impact of marine industries and climate on seabirds

Dr Tessa Bargmann, Norwegian Institute for Nature Research

Dr Lila Buckingham, Dr Signe Christensen-Dalsgaard, Dr Emma Jane Critchley, Prof Francis Daunt, Dr Nina Dehnhard, Dr Elena Eriksen, Dr Per Fauchald, Mr Frank Hanssen, Dr Kevin Hodges, Dr Kate Layton-Matthews, Dr Ulf Lindstrøm, Dr Elizabeth A. Masden, Dr Roel May, Dr Anna Nilsson, Dr Charlotte Regan, Dr Kate R. Searle, Dr Arnaud Tarroux, Dr Tone Kristin Reiertsen

P008 Blade tip speed and collision risk assessment for three raptor species.

Dr Lucie Barluet De Beauchesne, Biodiv-Wind

Mr Henri-Pierre Roche

P009 Comparative analysis of five ultrasound devices to detect, record and identify bats on wind farms.

Dr Lucie Barluet De Beauchesne, Biodiv-Wind

Ms Eléonore Lefebvre, Mr Henri-Pierre Roche

P010 Investigation of pelagic fish communities in Offshore Wind Farms during construction and operational phases using bottom moored echosounders

Dr Benoit Berges, Wageningen Marine research

Dr Jeroen Hubert, Ms Jozefien Marijke Demuynck, Dr Elisabeth Debusschere, Dr Carlota Muñiz, Prof Hans Slabbekoorn

P011 Scalable Oyster Reef Restoration in Offshore Wind Farms: Deployment of Droppable Oyster Structures in the North Sea

Ms Karin Bilo, Orsted

Ms Nienke Oostenbrink

P012 Mortality among birds and bats due to small wind turbines is higher than expected

Mr Allix Brenninkmeijer, province of Groningen

Mr Bob Jonge Poerink, Dr Jasja Dekker, Mrs Saartje Munten, Dr Erik Klop, Mr Paul Westerbeek

P013 BIRDSAFE: Measuring and modelling nocturnal bird migration through an offshore windfarm

Mr Joep Breuer, TNO

Dr Karen Krijgsveld, Mr Martin Poot

P014 ZWEMT: A comparative study into the flight behavior of birds around turbines with and without a single black blade using technology

Mr Joep Breuer, TNO

Mrs Jonne Kleyheeg-Hartman, Dr Erik Klop

P015 Ecological baseline monitoring before the construction of a wind farm in the Dutch North Sea

Dr Joost Brinkkemper, WaterProof Marine Consultancy & Services BV

Mr Pepijn Van Tol, Ms Irna Huisjes, Mr Joël Cuperus, Ms Lisa Hoekema, Ms Pauline Roos, Ms Hermione Van Zutphen

P016 Population viability assessment of the Cape vulture considering the emerging wind energy infrastructure development in South Africa

Dr Francis Brooke, Department of Conservation Management, Nelson Mandela University, South Africa

Dr Carmen Bessa-Gomes, Dr Olivier Duriez, Dr Francois Sarrazin, Dr Jean-Baptiste Mihoub, Dr Morgan Pfeiffer, Prof Colleen Downs, Prof Jan Venter



P017 All hands on deck: A collaborative approach to compensation, reducing the bycatch of northern gannet in Portugal

Mr Thomas Broom, NIRAS

Mr Fraser Carter

P018 Protection and Reinforcement of Farmland Bird Populations in Western France

Mr Mickaël Caceres, EDF Renouvelables France

Mrs Marine David

P019 Feedback on 15 years of monitoring bird and bat mortality at a Mediterranean wind farm

Mr Mickaël Caceres, EDF Renouvelables France

Mrs Marine David, Mr Pierre Gitenet

P020 Further technical improvements in vantage points localization: improving observation quality, economic efficiency and SNH (2017) compliance

Mr Bruno Čaleta, Oikon Ltd. – Institute of Applied Ecology

Ms Dora Čuljak, Ms Ivana Latković, Mr Josip Nikolić, Ms Ksenija Hocenski, Mr Branimir Radun

P021 AVI-Artificial Intelligence Recognition – AGRI - Towards dynamic wind turbines shutdown during farm work assisted by drones: a step towards better bird safety

Mr Philippe Cannesson, Ecosphère

Mr Antoine Coulombel, Mr Salim Mekni, Mr Arezki Meziane, Mr Guillaume Marchais, Mr François Taraud, Dr Arnaud Lewandowski

P022 “5* - would nest there again” - Mr and Mrs Kittiwake: Delivering kittiwake artificial nesting structures as compensation at scale. A Hornsea Project Three and Four Case Study.

Mr Fraser Carter, NIRAS

Mr Robin Ward

P023 Vertical interactions between sessile and mobile species of biofouling on the Fécamp platform

Mrs Mathilde Charbonnelle, Laboratoire Morphodynamique Continentale et Côtière, Normandie University

Mrs Manon Leroux, Dr Aurore Raoux, Dr Lucille Furgerot, Mr Ferdinand Sclicklin, Dr Jean-Philippe Pezy

P024 A “meta”-systematic map of onshore wind turbines impacts on biodiversity and mitigation solutions

Mr Mathis Chavignon, PatriNat (OFB-MNHN), Centre d’expertise et de données sur le patrimoine naturel

Dr Romain Sordello, Dr Yorick Reyjol

P025 Innovative data integration for mapping avian sensitivity to offshore wind

Dr Bethany Clark, BirdLife International

Ms Catha Auchincloss, Dr Larissa Biasotto, Ms Bruna Arbo-Meneses, Dr Simon Sanghera, Mr Antonio Vulcano, Dr Claudio Celada, Dr Giorgia Gaibani, Dr Marco Gustin, Dr Golo Maurer, Dr Grainne Maguire, Dr Glenn Ehmke, Dr Yuna Kim, Mr Tris Allinson

P026 Investigating interactions between fish and offshore wind farms using acoustic telemetry

Dr Lydie Couturier, France Energies Marines

Dr Pierre Labourgade, Mr Hugo Hervé, Dr Bastien Taormina, Dr Mathieu Woillez, Dr Jérôme Bourjea, Mr Eric Stephan, Dr Jan Reubens, Dr Thomas Trancart, Dr Philippe Lenfant, Prof Eric Feunteun, Dr Marine Gonse, Dr Martial Laurans, Dr Anthony Acou, Dr Olivier Blanpain, Dr Laurence Besseau, Ms Magali Collin, Ms Clémentine Duval, Mr Benoît Figarede, Dr Lisa Garnier, Dr Karine Heerah, Mr Guy Herrouin, Dr Armelle Jung, Dr Emilien Lasne, Mr Gilles Lecaillon, Dr Geraldine Nogaro, Mr Nicolas Peignet, Dr Jean-Philippe Pezy, Ms Emilie Praca, Mr Paul Resseguier, Dr Amédée Roy, Mr Thomas Sérazin, Ms Claire Weller, Ms Jehanne Prévot

P027 Balancing the roll-out of renewable energy and conservation in South Africa: Spatial planning in a biodiversity hotspot

Dr Oliver Cowan, Endangered Wildlife Trust

P028 Multi-stakeholder Landscape Scale Forest to Bog Restoration at an Onshore Wind Farm in Wales – Collaboration, Communication, Cooperation

Mr Robin Cox, Vattenfall



P029 New insights of bird migration in Iceland from radar technology

Mr Cyprien Daïdé, Biotope

Mr Vincent Delcourt, Mr Alexandre Hamon, Mr Vincent Liebault, Dr Camille Assali, Mr Alexandre Thouzeau

P030 Net Positive Biodiversity Impact for offshore wind – A case study based on Orsted's eight step framework

Dr Gregory Decelles, Orsted

Ms Ditte Bilde, Dr Anthony Dvaskas, Mr Samir Whitaker, Mr Tommy Kristoffersen, Ms Chih-An Lee, Ms Sally Holyrod, Ms Emma Hospes

P031 A novel real-time visualization framework for understanding large-scale avian migration dynamics using the French weather radar network

Dr Thibault Désert, Météo-France

Dr Amédée Roy, Dr Baptiste Schmid, Dr Raphael Nussbaumer, Mr Vincent Delcourt, Dr Camille Assali

P032 No poster

P033 A step-forward in digital aerial marine megafauna surveys thanks to high resolution images and AI for offshore wind

Mr Gwenael Duclos, WIPSEA/Envol Environnement

Dr Emeline Pettex, Mr Leonard Heinry, Ms Ioana Le Guillou, Dr Charlene Gemard, Ms Estelle Donadio, Dr Pierre Allain, Mr Bruno Roux, Mr Thomas Stockart

P034 Impacts on nocturnal flyers from wind energy development in Southwest Norway

Prof Katrine Eldegard, Norwegian University of Life Sciences

Dr Reed April McKay, Ms Maris Pärn, Ms Mara Zebele, Prof Fiona Mathews, Dr Andrea Vallejo Vargas, Prof Richard Bischof, Mr Bjarne Oddane, Dr Pierre Dupont, Prof Geir A. Sonerud, Prof Hans Ole Ørka, Dr Ronny Steen

P035 From Impact Mitigation to Net Positive Outcomes: A Framework for Baseline Biodiversity Studies in Wind Energy

Ms Inês Evaristo, BE - Bioinsight & Ecoa

Dr André Jorge, Mr Paulo Cardoso, Dr Miguel Mascarenhas

P036 Monitoring the impact of wind turbines on birds with a full 3D radar in a difficult environment

Mr Joris Everaert, Research Institute for Nature and Forest (INBO)

Mr Thierry Onkelinx, Dr Raïsa Carmen, Mr Jo Loos, Mr Hilbrun Verstraete, Mr Marc Van De Walle

P037 Wings unharmed: Global approaches to mitigating wildlife collisions

Dr Shilo K. Felton, Renewable Energy Wildlife Institute

Mx La' Portia Perkins, Dr Eric Schaubert

P038 Sound attraction of wind turbines on bats: a case study

Mr Ignacio Fernández, Myotis Chile

Dr Fulgencio Lisón, Mr Bernardino Camousseigt, Mr Ignacio Von Unger

P039 An innovative approach for studying nocturnal small migrants at sea: airborne acoustic detection using helium balloons

Dr Benjamin Folliot, Setec invivo

Mr Marc Leménager, Dr Yann Patry, Dr Philippe Bornens, Dr Thomas Pommier

P040 Navigating data analysis in offshore windfarm impact assessments: prescribed vs. flexible approaches

Dr Jack Forster, HiDef Aerial Surveying Ltd

Mr Naphon Olley, Dr Yves Le Bras, Dr Johanna Osterberg, Dr Kelly Macleod

P041 Improving bird detection of wind turbine rotatory motion: Experimental insights of black and white patterns painted on wind turbines

Ms Lucie Foucart, CEFÉ, Montpellier University

Dr Olivier Duriez, Dr Aurélien Besnard, Ms Claire Million-Ranquin, Dr Simon Potier, Dr Constance Blary



P042 Bat mortality at wind farms in Poland – a summary of over 10 years of monitoring and factors determining bat collisions with wind turbines

Dr Joanna Furmankiewicz, Department of Behavioural Ecology, University of Wrocław

Dr Zuzanna Hałat, Mrs Wiktoria Kowalska, Mrs Klementyna Klimek, Mrs Marta Osóbka, Mr Marcin Pakuła

P043 Long-Range Bird Species Identification Using Directional Microphones and CNNs

Mr Tiago Garcia, STRIX

Dr Luís Pina, Dr Roel May, Mr Magnus Robb, Mr Ricardo Oliveira

P044 GPS Tracking Highly Mobile Bat Species enables Large-Scale Assessment of Cumulative Interactions with Wind Energy Development : Feedback from two years of Monitoring Greater Noctule Bat (*Nyctalus Lasipterus*) in the Massif Central (France)

Ms Thérèse Gauthier, EXEN

Mr Yannick Beucher, Mr Xavier Nardou

P045 Evaluation of mitigation measures in agricultural areas : effectiveness and prospects for biodiversity

Mr Antoine Goderniaux, Faune & Biotopes

Mr Arnaud Collard

P046 The red-throated diver energetics project: findings and the future

Dr Jonathan Green, University of Liverpool

Dr James Duckworth, Dr Sue O'Brien, Dr Lise Ruffino, Ms Danni Thompson, Dr Ruth Dunn, Mr Ib Krag Petersen, Dr Aevan Petersen, Mr Guðmundur Benediktsson, Mr Logan Johnson, Dr Petteri Lehikoinen, Mr Roni Väisänen, Mr Jim Williams, Mr Stuart Williams, Prof Francis Daunt

P047 Assessing the Accuracy of Bird Tracking Systems for Wind Energy Applications: A Collaborative Research Project

Dr Jonas Haakansson, Spoor

Dr Caroline Brighton, Dr James Clarke, Ms Raaisa Raaisa, Ms Mamoon Birkhez Shami, Mr Andreas Günther, Dr Philipp Boersch-Supan

P048 Smart curtailment for bats: testing efficacy with multiple data streams at three wind energy facilities

Dr Amanda Hale, Western EcoSystems Technology, Inc. (WEST)

Mr Michael True, Dr Paul Rabie, Dr Kevin Heist, Mr Rhett Good, Mr Brogan Morton, Mr Jon Ritter

P049 Effects of offshore wind development on thermal updraft dynamics

Mr Frank Hanssen, Norwegian Institute for Nature Research

Dr Line Cordes, Dr Roel May, Dr Erin Bachynski-Polić

P050 Elasmobranchs, Offshore Wind and Electromagnetic fields

Mrs Annemiek Hermans, Wageningen University

Dr Auriel Sumner-Hempel, Prof Tinka Murk, Dr Erwin Winter, Mr Daniël Van Berkel, Mrs Xantia Van Den Brink - Rienstra, Ms Renate Olie, Dr Reindert Nijland, Dr Diede Maas, Mr Tom Spanings, Mr Lydia Mesquita Vieira De Barros Neta, Dr Edwin Foekema

P051 Innovative Benthic Habitat Monitoring for Offshore Wind Energy with Underwater Drones and AI-Powered Solutions

Dr Laura Huguenin, Cosma

Mr Yannick Penneçot, Mr Quentin Chenevier, Mr Frédéric Mittaine

P052 PREDICT: Predicting reasons for change in prey (fish) availability to top predators and implications for offshore windfarm development

Dr Georgina Hunt, University of Aberdeen

Prof Beth Scott, Dr Deon Roos, Dr Peter Miller, Dr Benjamin Williamson

P053 Quantifying sensitivity: a spatial risk-ranking framework to map relative species risk to seabirds from offshore wind energy developments in Danish marine waters

Dr Saana Isojunno, CREEM, University of St Andrews

Dr Lindsay Scott-Hayward, Dr Claus Lunde Pedersen, Dr Heidi Thomsen, Dr Jordan Chetcuti, Dr Morten Frederiksen, Dr Thomas Bregnballe, Mr Jacob Sterup, Mr Rasmus Due Nielsen, Prof Anthony Fox, Prof Monique Mackenzie, Mr Ib Krag Petersen



P054 Variations in estimation of birds' flight height – example from on-shore wind farm project in Croatia

Dr Nela Jantol, Oikon Ltd. – Institute of Applied Ecology

Ms Dora Čuljak, Ms Ksenija Hocenski, Mrs Gordana Iskrac, Mr Josip Nikolić, Ms Ivana Latković, Mr Marko Augustinović

P055 Improvements in the method of collecting the data required for the PCFM: Searcher efficiency and carcass persistence

Mr Dorian Tepić, Oikon Ltd. – Institute of Applied Ecology

Ms Dora Čuljak, Ms Ivana Latković, Mr Josip Nikolić, Mr Lovro Turkalj, Ms Ksenija Hocenski, Mr Marko Augustinović

P056 Development of a web-based bat curtailment analysis tool

Mr Christian Newman, Electric Power Research Institute

Mr Terry Jennings, Mr Donald Solick, Dr Jonathan Rogers

P057 A review of seabird flight height measurement methods and their use in offshore wind farm impact assessment

Dr Daniel Johnston, British Trust for Ornithology

Dr Alastair Feather, Dr Niall Burton, Dr Andrew Harwood, Mr Eddie Cole, Dr Alex Banks, Dr Philipp Boersch-Supan

P058 A natural HighTech: the great scallop as a sensor of potential effects of submarine cables

Dr Aurelie Jolivet, TBM environnement

Dr Lisa Garnier, Dr Laurent Chauvaud, Dr Delphine Mathias, Dr Sylvain Chauvaud

P059 Assessing the Impact of Wind Energy Projects on Migratory Soaring Birds in the Gulf of Suez: Sensitivity Mapping of Spring and Autumn Migration Patterns

Mr Ali Khazma, RCREEE

Ms Aya Ayad, Mr Mohamed Sherwali, Mr Ahmed Khalil, Mr Mahmoud El Mongy, Mr El Sayed Ibrahim, Dr Ahmed Abdullah

P060 Investigating the Use of LiDAR for Avian Flight Monitoring at Small Wind Turbines

Dr Wataru Kitamura, Tokyo City University

Mr Masashi Barada

P061 Using insects to describe habitat quality

Mr Tommy Kristoffersen, Ørsted

Ms Chih-An Lee, Mr Samir Whitaker, Mrs Tina Tamm Bendixen, Ms Line Kræmer, Mr Richard Blundell

P062 Habituation of common guillemot and razorbill to two offshore wind farms in the Netherlands

Mrs Nienke Kwant-Heida, Waardenburg Ecology

Ms Elisa L. Bravo Rebolledo, Dr Rob S. A. Van Bemmelen, Mr Henrik Skov, Dr Mardik F. Leopold, Dr Ruben C. Fijn, Mr Mark P. Collier

P063 Aircraft Detection Lighting System (ADLS) as a win-win mitigation measure for bat response to wind turbines

Mrs Gaëlle Larnoy, Auddicé biodiversité

Dr Fabien Verniest, Dr Christian Kerbirou, Dr Isabelle Le Viol, Mrs Pauline Lefebvre, Mr Nicolas Valet, Dr Kévin Barré, Dr Camille Leroux

P064 Unraveling ecosystem-level indicators for the impact assessment of offshore wind projects on benthic environments

Dr Ivan Laurino, University of Sao Paulo

Mr Bruno Olian, Ms Anna Alves, Dr Márcia Denadai, Dr Luis Sánchez, Dr Alexander Turra

P065 A large-scale analysis of post-implementation fatalities monitoring surveys in France

Dr Yves Le Bras, Biotope

Mr Nicolas Carenton, Mrs Ludivine Doyen

P066 Long-term monitoring of foundation biofouling in the Saint-Brieuc offshore wind farm: first insights from ROV surveys

Mr Aodren Le Gal, setec énergie environnement – setecin vivo

Ms Lisa Wauters, Dr Paulo Bonifácio, Dr Yann Patry, Dr Philippe Bornens, Dr Thomas Pommier

P067 spmapper: A spatial planning tool to indicate the foraging value of marine areas to breeding seabirds.

Dr Oliver Leedham, UK Centre for Ecology & Hydrology

Dr Kate R. Searle, Ms Claudia Caporusso, Dr Deena Mobbs, Prof Francis Daunt, Dr Adam Butler



P068 Day and night variation in bird movement levels throughout the year in a Dutch offshore wind farm

*Mr Jacco Leemans, Waardenburg Ecology
Dr Abel Gyimesi*

P069 Effects of large-scale onshore wind projects on land birds of Patagonia and Tierra del Fuego should require large scale studies

*Dr Domingos Leitão, STRIX
Dr Pedro G. Nicolau, Mr Nuno Cidraes-Vieira, Dr Pedro Cardia, Ms Sara Gomes, Mr Pedro Neves, Mr Cristofer De La Rivera, Mr David Gomes, Mr Pedro Garcias, Mr Ricardo Oliveira, Mr Julio Duran, Mr Miguel Repas-Goncalves*

P070 6 years and 8 kinds of monitoring on two offshore buoys: what are their benefits for the offshore wind structures monitoring?

*Dr Philippe Lenfant, Université de Perpignan
Mrs Anaïs Gudefin, Mr Gilles Lecaillon, Mr Pierre Boissery*

P071 Towards a more predictive understanding of Floating Offshore Wind (FLOW) consequences on key ecosystem drivers

*Dr Lilian Lieber, Marine Biological Association
Dr Peter Miller, Prof Alex Nimmo-Smith*

P072 Development of Ornithology Regional Compensation Measures – Marine Litter Removal

*Ms Alice Lowry, HiDef Aerial Surveying Ltd
Ms Polly Brown, Ms Jaz Harker, Ms Fiona Nimmo, Dr Murray Grant*

P073 OWESOME - Offshore Wind Environmental Survey Optimization for Monitoring impacts on Ecosystems

*Prof David Lusseau, Technical University of Denmark
Mr Christian Riisager-Simonsen, Dr Fletcher Thompson, Prof Einar Eg Nielsen, Prof Patrizio Mariani, Dr Martin Lindegren, Dr Jon Svendsen, Ms Magali Collin, Dr Camille Le Guen*

P074 Beyond Mitigation: A Nature-Positive Framework for Wind Energy EIAs

*Dr Miguel Mascarenhas, BE - Bioinsight & Ecoa
Dr Luís Rosa, Dr André Jorge, Dr Karina Amaral, Dr Sandra Rodrigues, Dr Madalena Matias, Mr Paulo Cardoso, Dr Cláudia Montenegro*

P075 Fostering Social-Ecological Acceptance of Wind Energy in Europe

*Dr Roel May, Norwegian Institute for Nature Research
Dr Roopali Bhatnagar, Dr Reto Spielhofer, Dr Thomas Kvalnes, Mr Frank Hanssen, Mr Prodromos Gkalimanis, Mr Michail Ntovas, Mr Sergio Arregui Remon, Mrs Silvia Masci*

P076 Bird protection on renewable generation grid connections, mitigation technology and global experience.

Mr Brian McGowan, Scientias-Energy

P077 Displacement effects of offshore windfarms on marine bird populations – an assessment framework

*Ms Eleni Melis, Wageningen Marine research
Dr F H Floor Helena Soudijn, Dr Vincent Hin, Mrs Chun Chen, Dr Susanne Van Donk, Mr Daniel Benden, Mr Martin Poot*

P078 Practical application of the space use collision risk model (RKR model) in approval procedures

*Dr Moritz Mercker, Bionum GmbH
Mr Rainard Raab, Mr Jan Blew, Dr Thilo Liesenjohann, Dr Jannis Liedtke*

P079 Combining Linear Inverse Modelling and Ecological Network Analysis to Assess Offshore Wind Farm effects with uncertainty evaluation

*Ms Laurie Michaud, Laboratoire Morphodynamique Continentale et Côtière, Normandie University
Dr Aurore Raoux, Dr Jean-Philippe Pezy, Ms Emma Araignous, Dr Pierre Bourdaud, Dr Nathalie Niquil*

P080 Between Wind and Wings: Bird and Bat Collisions at Polish Wind Farms

*Ms Aleksandra Mikołajczyk, Ambiens Sp. z o.o.
Mr Jan Brożek, Mrs Katarzyna Kamionka-Kancłerska, Ms Milena Stefaniak, Mrs Paulina Brzeska-Roszczyk*



P081 VULNEO: Assessment of the Sensitivity and Vulnerability of Avifauna to Onshore Wind Turbine Infrastructures in Mainland France

Dr Alexandre Millon, Mediterranean Institute of Biodiversity and Marine and Continental Ecology

Dr David Vallecillo, Mrs Lucile Morcelet, Dr Agathe Leriche, Dr Nicolas Hette-Tronquart, Dr Olivier Duriez, Dr Aurélien Besnard

P082 Application of the “supplier” protocol (MAPE research program): limits and prospect of improvement.

Ms Marie Minmeister, Biodiv-Wind

Dr Lucie Barluet De Beauchesne, Mr Simon Carsin, Mr Florian Poulain, Mr Henri-Pierre Roche

P083 Advancing Offshore Wind Farm Assessments: An Automated Solution for By-Sea Distance Calculations

Ms Danielle Moore, Haskoning

Mr Aleksander Uszczyk, Dr Christopher Brodie, Dr Murray Grant

P084 Development of an offshore bird and bat activity and mortality detection system using thermal cameras

Mr Brogan Morton, Wildlife Imaging Systems

Mr Jon Ritter

P085 Field Testing of a 3D Wildlife Tracking System

Mr Brogan Morton, Wildlife Imaging Systems

Mr Jon Ritter

P086 Spatially-explicit central-place foraging model for wind farm mitigation hierarchy and cos-efficiency of deterrence systems

Dr Sylvain Moulherat, TerrOïko

Mr Matthieu Moulherat, Dr Denis Maréchal, Dr Mélodie Kunegel-Lion, Dr Catherine De Roince

P087 Pilot studies of different camera systems for bird monitoring in a floating offshore wind farm

Mrs Kari Mette Murvoll, Equinor

Dr Arne Myhrvold, Mr Aksel Alstad Mogstad, Mr Felix Kelberlau, Mr Helge Reikerås, Mr Andreas Günther, Mr Andrew Watts

P088 Extensive eDNA campaign for mapping of fish biodiversity in a floating offshore wind farm

Mrs Kari Mette Murvoll, Equinor

Mrs Anita Skarstad, Mr Lars Petter Myhre, Mr Jon Thomassen Hestetun, Mrs Sigrid Mugu, Prof Thomas Gunnar Dahlgren

P089 Sustainable Autonomous Vessels for Offshore Wind Monitoring: Evaluating Impact and Coexistence in a pelagic environment

Dr Virginie Ramasco, Akvaplan-niva

Dr Pierre Priou, Mr Morten Thorstensen, Dr Lionel Camus, Mr Salve Dahle, Mr Lars Petter Myhre, Mrs Kari Mette Murvoll

P090 Monitoring of biofouling colonization on coupons with or without antifouling coating in a controlled marine environment

Dr Geraldine Nogaro, Laboratoire National d'Hydraulique et Environnement, EDF R&D

Mrs Carole Veckerle, Dr Raphaël Lami

P091 Gannet Get Away: Tracking the Wandering Youth of Northern Gannets

Mr Naphon Olley, HiDef Aerial Surveying Ltd

Mr William Peden

P092 A robust data-collection pipeline for training AI-enabled avian wildlife detection systems

Mr Vassilis Orfanos, nvisionist S.A.

Mr Ioannis Misios, Dr George Dimas, Mr Konstantinos Zalachoris, Mr Lampros Argyris

P093 NiD4OCEAN: Nature-inclusive Designs For Reconciling Offshore Renewables With Ocean Protection

Mr Juan Pardo, NIVA

Akvaplan-niva, Spanish National Research Council (CSIC), Wageningen Marine research (WUR), Deltares, Technical University of Denmark (DTU)-Aqua, Klaipeda University (KU), North Sea Foundation, Science Crunchers, Renewables Grid Initiative (RGI), DNV, Equinor, ScottishPower Renewable



P094 Overview of the VisAviS project - Visualizing avian migration across Norway supporting sustainable coastal and offshore wind energy development

Dr Diego Pavón-Jordán, Norwegian Institute for Nature Research

Dr Line Cordes, Dr Emma Jane Critchley, Mr Frank Hanssen, Mr Øyvind Nyheim, Dr Reto Spielhofer, Dr Bård Stokke, Dr Roel May

P095 Investigating bat activity at floating wind turbine with passive acoustic monitoring

Dr Anaïs Pessato, Muséum national d'Histoire naturelle, Centre d'Ecologie et des Sciences de la Conservation

Ms Marine Reynaud, Mr Thomas Soulard, Mr Olivier Martinet, Ms Nathalie Tertre, Mr Antoine Chabrolle, Dr Christian Kerbiriou

P096 Mapping the vulnerability of seabirds and marine mammals to offshore wind farms in French waters: a tool for spatial planning

Dr Emeline Pettex, Cohabys/La Rochelle Université

Ms Mènel El Abdellaoui, Dr Charlotte Lambert

P097 Predicting the cumulative effects of offshore wind farms on seabird demography and consequent population viability

Dr Christopher Pollock, UK Centre for Ecology & Hydrology

Dr Deena Mobbs, Dr Adam Butler, Dr Oliver Leedham, Prof Francis Daunt, Dr Kate R. Searle

P098 Investigating the main mortality reasons of the European Red Kite population by high-resolution GPS telemetry tracking

Dr Rainer Raab, TB Raab GmbH

Mr Connor T. Partner, Ms Carina Nebel, Mr Moritz Mercker, Mr Maximilian Raab, Mr Rainhard Raab, Ms Hannah Böing, Mr Manuel Wojta, Mr Jochen Steindl, Mr Eike Julius, Ms Clara Freytag, Mr Adrian Aebischer, Mr Patrick Scherler, Mr Martin Kolbe, Dr Alexandre Millon, Mr Javier De La Puente, Mr Javier Viñuela, Mr Piotr Zduniak, Mr Duncan Orr-Ewing, Mr Oliver Krone, Mr Torsten Langgemach, Ms Susanne Åkesson, Mr Brady Mattsson, Mr Jendrik Windt, Mr Christian H. Schulze, Ms Petra Sumasgutner, Mr Sven Aberle, Mr Manuel Alcantara De La Fuente, Mr Ernesto Alvarez, Mr Juan Arizaga, Ms Carole Attie, Mr Melvin Bach, Ms Ana Bermejo, Ms Elena Bravo-Chaparro, Mr Guido Ceccolini, Mr Nayden Chakarov, Mr Peter Derpmann-Hagenström, Mr Marek Dostál, Ms Julia Ellersdorfer, Mr Gerd Fabian, Ms María Fernández-García, Mr Wolfgang Fiedler, Ms Cassandra Fröhlich, Mr Manuel Galán, Mr Clément Ganier, Mr Andreas Gärtner, Ms Liza Glesener, Mr Alfonso Godino, Mr Martin U. Gruebler, Mr Iván Gutiérrez, Ms Zuzana Guziová, Mr Matthias Haase, Mr László Haraszthy, Mr Rafael Hernández Martín, Mr Christof Herrmann, Ms Stefanie Holm, Ms Irene Hoppe, Mr Juan José Iglesias-Lebrija, Ms Caka Karlsson, Ms Katharina Klein, Mr Urs Kormann, Mr Ivan Literák, Mr José Vicente López-Bao, Mr Nicolas Lorenzini, Ms Manuela Löwold, Mr Christopher Lüning, Mr Gzegorz Maciorowski, Mr Boris Maderič, Mr Jesper Johannes Madsen, Ms Karel Makoň, Ms Kerstin Mammen, Mr Ubbo Mammen, Mr Torsten Marczak, Ms Patricia Mateo-Tomás, Mr Hynek Matušík, Mr Bernd-Ulrich Meyburg, Mr Aymeric Mionnet, Ms Sara Morollón, Mr Jakub Mráz, Mr Antoni Muñoz, Mr Winfried Nachtigall, Mr Bernd Nicolai, Ms Marta Olalde Fernández, Mr Meinolf Ottensmann, Ms María Jesús Palacios González, Mr Jean-Yves Paquet, Mr Vladimír Pečeňák, Ms Eva Pejchalová, Mr José Pereira, Mr Lubomír Peške, Mr Thomas Pfeiffer, Mr Robert Pudwill, Mr Dušan Rak, Mr Tim Maximilian Rapp, Mr Per Rasmussen, Mr Alexander Resetaritz, Mr Luís Ribeiro, Mr Stef Van Rijn, Mr Romain Riols, Mr Sascha Ritter, Mr Arturo Rodríguez, Mr Jorge Rodríguez-Pérez, Mr Hans Rytter, Mr João Pedro Valente E Santos, Dr Tonio Schaub, Ms Luisa Scholze, Ms Laura Schulte, Ms Aurélie De Seynes, Mr Jan Škrábal, Mr Péter Spakovszky, Mr Martin Sprötge, Mr Eike Steinborn, Ms Verena Strauss, Mr Jan Svetlík, Mr Samuel Talhoet, Mr Kasper Thorup, Mr Anders P. Tøttrup, Mr Miklós Vaczi, Mr Stefan Vadura, Mr Verdier Verdier, Mr Zdeněk Vermouzek, Mr Diego Villanúa, Mr Robin Walz, Mr Jörg Westphal, Ms Bettina Wilkening

P099 Do we need a more efficient turbine curtailment method for bats? - A comparison of acoustically recorded bat activity and actual turbine shutdowns

Mr Fabian Reichard, PNE AG

Mr Jannes Kreutzfeldt

P100 Flight altitudes of migrating birds crossing future offshore wind energy facilities in the Mediterranean Sea

Dr Jocelyn Champagnon, Tour du Valat, research institute for the conservation of Mediterranean wetlands

Dr Paul Dufour, Mr Stéphane Tillo, Prof Frédéric Jiguet, Dr Olivier Duriez

P101 MIGRALION: a large research programme that provides key knowledge about avifauna migration and presence at sea in the Gulf of Lion (Mediterranean Sea, France) in the context of offshore wind energy development

Dr Yann Planque, France Energies Marines

Dr Cécile Bon, Ms Constance Audiffren, Dr Camille Assali, Dr Aurélien Besnard, Dr Coline Canonne, Mr Victor Cat, Dr Jocelyn Champagnon, Mr Théo Chateaugiron, Dr Nicolas Courbin, Mr Cyprien Daïdé, Mr Christophe Defranceschi, Mr Nicolas Delelis, Dr Sophie De Grissac, Mr Vincent Delcourt, Mr Léo Denoual, Mr Thomas Dragonnet, Dr Paul Dufour, Dr Olivier Duriez, Ms Marie Fretin, Ms Virginie Gailly, Dr David Grémillet, Ms Coralie Hermeloup, Mr Guy Herrouin, Mr Bastien Jeannin, Prof Frédéric Jiguet, Dr Valentin Lauret, Dr Florian Lecorps, Ms Jehanne Prévot, Dr Maud Quéroué, Ms Fanny Rey, Dr Sébastien Roques, Ms Jade Saez, Dr Baptiste Schmid, Mr Louis Schroll, Mr Stéphane Tillo



Series of 5 posters:

• P101.1: General presentation of MIGRALION

Dr Yann Planque, France Energies Marines

Ms Constance Audiffren, Dr Camille Assali, Dr Aurélien Besnard, Dr Cécile Bon, Dr Coline Canonne, Mr Victor Cat, Dr Jocelyn Champagnon, Mr Théo Chateaugiron, Dr Nicolas Courbin, Mr Cyprien Daïdé, Mr Christophe Defranceschi, Mr Nicolas Delelis, Dr Sophie De Grissac, Mr Vincent Delcourt, Mr Léo Denoual, Mr Thomas Dragonnet, Dr Paul Dufour, Dr Olivier Duriez, Ms Marie Fretin, Ms Virginie Gailly, Dr David Grémillet, Ms Coralie Hermeloup, Mr Guy Herrouin, Mr Bastien Jeannin, Prof Frédéric Jiguet, Dr Valentin Lauret, Dr Florian Lecorps, Mr Vincent Liébault, Ms Jehanne Prévot, Dr Maud Quérroué, Ms Fanny Rey, Dr Sébastien Roques, Ms Jade Saez, Dr Baptiste Schmid, Mr Louis Schroll, Mr Stéphan Tillo

• P101.2: Telemetry tracking

Dr Jocelyn Champagnon, Tour du Valat, research institute for the conservation of Mediterranean wetlands

Dr Nicolas Courbin, Dr Paul Dufour, Mr Stéphan Tillo, Mr Léo Denoual, Dr David Grémillet, Prof Frédéric Jiguet, Dr Olivier Duriez

• P101.3: At-sea surveys by boat

Dr Camille Assali, Biotope

Mr Vincent Delcourt, Mr Nicolas Delelis, Mr Vincent Liébault

• P101.4: Coastal bird radar

Mr Vincent Delcourt, Biotope

Ms Hélène Schopper, Dr Baptiste Schmi, Mr Cyprien Daïdé

• P101.5: Combined analysis of data

Dr Coline Canonne, France Energies Marines & Centre d'Ecologie Fonctionnelle et Evolutive (CEFE - CNRS)

Dr Maud Quérroué, Dr Sébastien Roques, Dr Valentin Lauret, Mr Louis Schroll, Mr Victor Cat, Dr Nicolas Courbin, Dr Yann Planque, Dr Jocelyn Champagnon, Dr Olivier Duriez, Dr Aurélien Besnard

P102 Passive acoustic monitoring of underwater soundscape and marine mammals' occurrence at the operational Saint-Nazaire offshore wind farm.

Dr Gaëtan Richard, Société d'Observation Multi-Modale de l'Environnement

Mr Elie Retailleau, Mr Romain Foucher, Dr Delphine Mathias, Mrs Nathalie Tertre

P103 Quantifying Spatial and Temporal Impacts of Saint-Brieuc OWF Construction on Marine Birds: A Gradient-Based *Modeling Approach*

Mr Julien Ringelstein & Dr Yves Le Bras

P104 Using environmental DNA to assess fish and invertebrate communities around offshore windfarms

Dr James Robbins, Natural Power

Dr Edward Wort, Dr Nathan Gerald, Dr Michelle Elliott

P105 A new approach to Seaweed Aquaculture as a Biodiversity Solution for Offshore Wind Expansion

Prof Laura Robinson, SeaGrown

Dr Hong Chin Ng, Mr Wave Crookes, Dr James Wood

P106 Intelligent curtailment: how AI can solve the bat-wind energy dilemma

Mr Roger Rodriguez, EchoSense LLC

Dr Virginia Iorio-Merlo, Dr James Robbins, Dr Gillian Vallejo

P107 A new approach to strategic planning of offshore wind- Example of Sunnanvind

Mr Jonas Sahlin, WSP Sweden

Mr Ralf Häggblom

P108 Assessing Bat Activity and Mortality Risks at Wind Farms in Turkey: Insights from Long-Term Monitoring

Ms Maha Salameh, Boğaziçi University & KAB Ecology Consultancy

Ms Melisa Bal, Mr Kerem Boyla

P109 Offshore Renewables Joint Industry Programme - results from key research projects

Mr Ivan Savitsky, Carbon Trust



P110 Wind4Birds: An interactive tool for optimising the dimensions of wind turbines and their distance to nest sites to mitigate bird collision risk

Dr Tonio Schaub, Aix-Marseille University

Dr Raymond Klaassen, Mrs Caroline De Zutter, Dr Alexandre Millon

P111 Improving cumulative effects assessments for seabirds: benefits and challenges from developing a new cumulative effects framework for estimating impacts from offshore wind farms in the UK

Dr Kate R. Searle, UK Centre for Ecology & Hydrology

Dr Adam Butler, Dr Deena Mobbs, Prof Francis Daunt

P112 Maximum Likelihood Estimators are ineffective for acoustic detection of rare bat species

Mr Christian Newman, EPRI

Mr Donald Solick, Bradley Hopp, Mr John Chenger

P113 A novel approach to bioacoustic monitoring of birds offshore.

Mr James Spencer, Apem Ltd

P114 A technology-driven framework for reducing vessel strike risk to marine mammals: using a risk assessment planning tool and a thermal camera system for real-time detection

Ms Tara Stevens, CSA Ocean Sciences

Ms Mary Jo Barkaszi

P115 Do adult birds keep a greater distance from turbines? White tailed eagles case study.

Ms Aleksandra Szurlej Kielańska, Tactus

Dr Dariusz Górecki, Dr Lucyna Pilacka, Dr Jakub Glapan

P116 Scientific partnership for the protection of wild pollinators within and around renewable energy projects

Mr Benoît Terrien, wpd onshore

Ms Olivia Izquierdo, Ms Fanny Prigent, Ms Chloé Santin, Mr David Genoud

P117 SDOD devices: methodology to study the interaction between black storks and wind farms

Mr Marc Thauront, Ecosphère

Ms Céline Kandel, Mr Emilien Weissenbacher

P118 Migration flight behaviour of Eurasian curlew and Eurasian oystercatcher in the North Sea reveals implications for interactions with offshore wind farms

Dr Chris Thaxter, British Trust for Ornithology

Dr Philipp Schwemmer, Ms Ros Green, Dr Pierrick Bocher, Dr Gary Clewley, Dr Heinz Düttmann, Dr Jaanus Elts, Prof Thomas Fartmann, Prof Jérôme Fort, Prof Stefan Garthe, Prof Frédéric Jiguet, Dr Steffen Kämpfer, Dr Helmut Kruckenberg, Dr Riho Marja, Dr Markus Piha, Dr Rob Robinson, Dr Pierre Rousseau, Dr Sam Franks

P119 The Offshore Coalition for Energy and Nature – Mediterranean basin

Ms Manon Thiel, Renewables Grid Initiative

P120 Functional diversity analysis: a robust method for monitoring benthic communities. A case study of the future offshore wind farm "Centre Manche 1 & 2" off the Bay of Seine

Mr Robin Van Paemelen, Laboratoire Morphodynamique Continentale et Côtière, Normandie University

Prof Eric Thiebaud, Dr Jean-Philippe Pezy

P121 Ecowende: developing a wind farm in harmony with nature - lessons learned and look-ahead

Dr Marin Van Regteren, Ecowende

Ms Hermione Van Zutphen, Ms Pauline Roos, Dr Joost Brinkkemper, Ms Debby Barbe, Dr Sytske Van Den Akker

P122 The real and unreal correlation between wind turbines and wildfires – Lessons from Greece

Mr Andreas Vlamakis, Hellenic Wind Energy Association

Mrs Ioanna Eleftheriou, Mrs Sevie Dima



P123 Wind turbines displace bats from drinking sites

*Prof Christian Voigt, Leibniz Institute for Zoo and Wildlife Research
Dr Carolin Scholz*

P124 Assessing the impact of offshore wind energy on marine migratory species: a systematic review of evidence and knowledge gaps

*Ms Rowana Walton, UNEP-WCMC
Ms Stacey Baggaley, Ms Grace Chandler, Ms Giulia Costa-Domingo, Dr Adele Dixon, Dr Sebastian Dunnett, Ms Aime Rankin*

P125 Validating collision risk modelling for Whooper Swan at offshore wind farms: overcoming practical difficulties in detecting avoidance

*Mr Robin Ward, NIRAS
Dr Larry Griffin, Mr Richard Green, Mr Mike Armitage*

P126 Spatiotemporal patterns in sex ratios of bat fatalities at wind energy facilities in the United States

*Dr Sara Weaver, Bowman Consulting
Dr Amanda Hale, Dr David Nelson, Dr Sarah Fritts, Dr Todd Katzner, Mr Austin Chipps, Dr Jennifer Korstian, Ms Sarah Licari, Dr Juliet Nagel, Dr Dean Williams*

P127 New camera technology indicates low collision risk of nocturnal bird migration at wind turbines

*Dr Jorg Welcker, BioConsult SH
Dr Jannis Liedtke*

P128 Refining the Estimation of Avian Movement Patterns to Improve Offshore Collision Risk Predictions

*Dr Michael Wethington, Biodiversity Research Institute
Dr Evan Adams, Mr Andrew Gilbert, Dr Holly Goyert, Mx Julia Gulka, Dr Julia Stepanuk, Dr Kate Williams*

P129 Developing and evaluating a smart curtailment strategy for bats integrated with a wind turbine manufacturer platform

*Mr Michael D. Whitby, Bat Conservation International
Ms Isabel Gottlieb, Dr Carl Donovan, Dr Leslie New, Dr Taber Allison*

P130 The benefits of national Strategic Environmental and Social Assessment to support wind energy development

Mr Peter Wright, ERM Ltd

P131 Gridlock –Biodiversity Challenges of Grid Expansion to Meet wind Generation Targets. Case Studies in Developed and Developing Countries

Mr Peter Wright, ERM

P132 No poster

P133 Twenty years monitoring of birds in a territory before and after construction of wind turbines

*Prof Pavel Zehindjiev, Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences
Mr Nikolay Yordanov*

P134 The Spatial Effect of Wind Energy: Assessing Overlaps with Norwegian Nature, Wildlife, and Recreation Areas.

*Dr Beate Zein, Norwegian Institute for Nature Research
Dr Brett Sandercock*

P135 The U.S. Wildlife and Offshore Wind Project: Integrating empirical observations with risk assessment frameworks

*Prof Douglas Nowacek, Duke University
Dr Evan Adams, Dr Marianna Fuentes, Dr Frants Jensen, Prof Pat Halpin, Dr Joseph Haxel, Dr Josh Kohut, Dr T Aran Mooney, Prof Susan Parks, Dr Jessica Redfern, Dr Aaron Rice, Dr Howard Rosenbaum, Dr Brandon Southall, Prof Len Thomas, Dr Lesley Thorne, Dr Kate Williams*



TABLE OF CORRESPONDENCE BETWEEN FINAL POSTER NUMBERS AND SUBMISSION ID

The following table is provided :

- To assist poster presenters in easily identifying their posters, by showing the correspondence between the conference poster numbers and the ID numbers of their abstracts on ExOrdo.
- To help participants who may have started preparing their attendance and selecting interesting posters using the preliminary program's poster numbers, by showing the correspondence between the final poster numbers at the conference and those used in the preliminary program.

Poster Number (Final Program)	Submission ID ExOrdo (for authors)	Former poster Number (Preliminary Program)
P001	468	P001
P002	448	P002
P003	291	P003
P004	486	P004
P005	432	P005
P006	234	P006
P007	323	P007
P008	353	P008
P009	366	P009
P010	206	P010
P011	48	P011
P012	370	P012
P013	192	P013
P014	340	P014
P015	296	P015
P016	34	P016
P017	549	P017
P018	134	P018
P019	151	P019
P020	121	P020
P021	284	P021
P022	449	P022
P023	86	P024
P024	351	P025
P025	469	P026
P026	109	P027
P027	139	P028
P028	233	P029
P029	395	P030
P030	405	P031
P031	271	P032
P032	484	P033

Poster Number (Final Program)	Submission ID ExOrdo (for authors)	Former poster Number (Preliminary Program)
P033	212	P034
P034	515	P035
P035	507	P036
P036	399	P037
P037	422	P038
P038	319	P039
P039	331	P041
P040	335	P042
P041	49	P043
P042	585	P044
P043	499	P045
P044	433	P046
P045	131	P047
P046	418	P048
P047	210	P049
P048	459	P050
P049	113	P051
P050	238	P052
P051	15	P053
P052	62	P054
P053	521	P055
P054	30	P056
P055	175	P118
P056	481	P057
P057	363	P058
P058	463	P059
P059	558	P060
P060	348	P061
P061	191	P063
P062	327	P064
P063	77	P065
P064	44	P066



Poster Number (Final Program)	Submission ID ExOrdo (for authors)	Former poster Number (Preliminary Program)
P065	343	P067
P066	349	P068
P067	265	P069
P068	382	P070
P069	535	P071
P070	381	P072
P071	517	P073
P072	403	P074
P073	116	P075
P074	506	P076
P075	297	P077
P076	264	P078
P077	107	P040
P078	278	P079
P079	383	P080
P080	221	P081
P081	111	P082
P082	356	P083
P083	575	P084
P084	52	P085
P085	53	P086
P086	461	P087
P087	120	P088
P088	187	P089
P089	547	P090
P090	292	P091
P091	332	P093
P092	379	P094
P093	211	P095
P094	321	P096
P095	270	P097
P096	404	P098
P097	362	P100
P098	216	P101
P099	39	P102
P100	367	P023
P101	374	P099
P102	322	P103
P103	141	P104
P104	329	P105
P105	391	P106
P106	315	P107
P107	537	P109

Poster Number (Final Program)	Submission ID ExOrdo (for authors)	Former poster Number (Preliminary Program)
P108	544	P110
P109	82	P111
P110	528	P112
P111	170	P113
P112	478	P114
P113	421	P115
P114	471	P116
P115	519	P117
P116	274	P119
P117	207	P120
P118	232	P121
P119	145	P122
P120	87	P123
P121	407	P124
P122	479	P125
P123	99	P126
P124	166	P127
P125	393	P128
P126	555	P129
P127	325	P130
P128	318	P131
P129	398	P132
P130	180	/
P131	181	P133
P132	200	P134
P133	75	P135
P134	280	P136
P135	562	P092



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CWW 2025 is organized with the financial support of:



SEPTEMBER 8-12, 2025 - CORUM, CONVENTION CENTER OF MONTPELLIER

Detailed Scientific Program

Version 3 (final) – 03/0/2025

