

PhD in Biology and Behavioural Ecology

My main interests lie in understanding how movement, behaviour and life-history traits can shape animals' response to environmental changes, including those linked with human activities. I worked mainly on marine ecology and seabird biology, with a focus on breeding ecology, but I am also very interested in movement and behaviour within other key life-cycle phases, and in particular how wintering ground choices affect stress and pollutant exposure during the non-breeding period.

Educational Background

- 2018 - 2022** **PhD training in Biology and Behavioural Ecology**, University of Gdansk, Poland
Coordination of male and female parental performance in the Little Auk, *Alle alle*
PhD advisor: Dr. Katarzyna Wojczulanis-Jakubas
- 2016 - 2017** **Master's degree in Behavioural, Functional and Evolutionary Ecology**, M2EFCE, Université Rennes 1, France
Specialisation courses in Ecology and evolutionary Biology. Obtained with distinction.
- 2013 - 2017** **Engineering degree in Agronomy**, Ecole Nationale Supérieure Agronomique de Toulouse (ENSAT), France
French *Grande Ecole* of Agronomy
- 2010 - 2013** **Classes Préparatoires in Biology, Chemistry, Physics, Geology**, Lycée Clemenceau, Nantes, France
Intensive preparation course for highly competitive, entrance examinations to French *Grandes Ecoles*

Work Experience

- December 2023 - Present** **Post-Doctorant**, Littoral, Environnement et Sociétés (LIENSs), UMR 7266 CNRS – La Rochelle Université, La Rochelle, France
- Stress landscape of Atlantic Arctic seabirds during winter and subsequent effects on their behaviour and phenology, supervised by Dr. Jérôme Fort
- February 2023 - August 2023** **Field manager for the Sociable Weaver Project**, FitzPatrick Institute of African Ornithology, Cape Town, South Africa; Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier, France; Centro de Investigação em Biodiversidade e Recurso Genéticos, Porto, Portugal
- Benfontein Nature Reserve, South Africa, supervised by Dr. Rita Covas and Dr. Claire Doutrelant
- October 2017 - March 2018** **Field assistant for the Sociable Weaver Project**, FitzPatrick Institute of African Ornithology, Cape Town, South Africa; Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier, France; Centro de Investigação em Biodiversidade e Recurso Genéticos, Porto, Portugal
- Does the presence of potential mates increase cooperativeness in the Sociable weaver, *Philetairus socius*?
- Benfontein Nature Reserve, South Africa, supervised by Dr. Nora Carlson and Dr. Claire Doutrelant
- January 2017 - July 2017** **Research internship and one-month Temporary Service Contract in behavioural ecology and evolutionary biology**, University of Aberdeen, Scotland
- Influence of life-history traits (sex, breeding performance...) on inter-individual variation in the timing of moult of the Northern Fulmar, *Fulmarus glacialis*
- Lighthouse Field Station, Cromarty, Scotland, supervised by Pr. Paul Thompson
- March 2016 - July 2016** **Research internship in an ecological reserve**, Tulane University, New Orleans
- Lek-mating behaviour of five sympatric manakins (Pipridae) in northwest Ecuador
- Reserva Ecológica Bilsa, Ecuador, supervised by Pr. Jordan Karubian

- September 2015** **Research internship in behavioural and conservation ecology**, University of Oulu, Finland
- February 2016 - Dispersal decisions in the Southern Dunlin, *Calidris Alpina Schinzii*
 - Department of Ecology, supervised by Pr. Laura Kvist and Dr. Veli-matti Pakanen
- June - August 2015** **Research internship in behavioural ecology**, Centre d'Ecologie Fonctionnelle et Evolutive (CEFE), Montpellier, France
 - Self-referent phenotype matching in blue tit, *Cyanistes Caeruleus*, mate choice
 - Research team "Ecologie Comportementale", supervised by Dr. Samuel Caro

Specific skills

- Field** Prepared and participated to three arctic expeditions in Svalbard (2019, 2020 and 2021). Other fieldwork activities in remote and challenging environments. Identification of European species of birds and mammals. Experienced in animal handling (capturing, ringing, tagging, biological sampling) as well as in behavioural observations, video recording and breeding monitoring
- Analysis** Advanced skills in R software: Database management and manipulation of large datasets; Video analysis; Processing and analysis of biologging data; Graphic representations; Statistical analysis
- Writing** Lead or participated in the writing of several scientific papers published in high ranking journals (see below), or currently under review. Reviewed several papers for scientific journals
- Teaching** Teaching and supervision of several students during my PhD training (including five Master's students and one Bachelor student). Teaching French to adults in a Polish language school
- Languages** French (mother tongue), English and Spanish (Fluent) and Polish (intermediate)

Publications

- Grissot, A., Borrel, C., Devogel, M., Altmeyer, L., Johansen, M. K., Strøm, H., & Wojczulanis-Jakubas. (2023). Use of geolocators for investigating breeding ecology of a rock crevice-nesting seabird: method validation and impact assessment. *Ecology and Evolution*.
 doi: [10.1002/ece3.9846](https://doi.org/10.1002/ece3.9846)
- Grunst, M. L., Grunst, A. S., Grémillet, D., Kato, A., Bustamante, P., Albert, C., Brisson-Curadeau, É., Clairbaux, M., Cruz-Flores, M., Gentès, S., Grissot, A., Perret, S., Ste-Marie, E., Jakubas, D., Wojczulanis-Jakubas, K., & Fort, J. (2023). A Keystone Avian Predator Faces Elevated Energy Expenditure in a Warming Arctic. *Ecology*
 doi: [10.1002/ecy.4034](https://doi.org/10.1002/ecy.4034)
- Jakubas, D., Wojczulanis-Jakubas, K., Szeligowska, M., Darecki, M., Boehnke, R., Balazy, K., Trudnowska, E., Kidawa, D., Grissot, A., Descamps, S., & Błachowiak-Samołyk, K. (2022). Gone with the wind – Wind speed affects prey accessibility for a High Arctic zooplanktivorous seabird, the little auk *Alle alle*. *Science of the Total Environment*.
 doi: [10.1016/j.scitotenv.2022.158533](https://doi.org/10.1016/j.scitotenv.2022.158533)
- Wojczulanis-Jakubas, K., Grissot, A., Devogel, M., Altmeyer, L., Fujisaki, T., Jakubas, D., Kidawa, D., & Karnovsky, N. (2022). Post-foraging in-colony behaviour of a central-place foraging seabird. *Scientific Reports*.
 doi: [10.1038/s41598-022-17307-8](https://doi.org/10.1038/s41598-022-17307-8)
- Jakubas, D., Wojczulanis-Jakubas, K., Grissot, A., Devogel, M., Cendrowska, M. & Chastel, O. (2022). Eye region surface temperature and corticosterone response to acute stress in a High Arctic seabird, the Little Auk. *Animals*.
 doi: [10.3390/ani12040499](https://doi.org/10.3390/ani12040499)

Grissot, A., Araya-Salas, M., Jakubas, D., Kidawa, D., Boehnke, R., Błachowiak-Samołyk, K. & Wojczulanis-Jakubas, K. (2019). Parental coordination of chick provisioning in a planktivorous Arctic seabird under divergent conditions on foraging grounds. *Frontiers in Ecology and Evolution*.

doi: [10.3389/fevo.2019.00349](https://doi.org/10.3389/fevo.2019.00349)

Grissot, A., Graham, I.M., Quinn, L., Bråthen, V.S. & Thompson, P.M. (2019). Breeding status influences timing but not duration of moult in the Northern Fulmar *Fulmarus glacialis*. *Ibis*.

doi: [10.1111/ibi.12714](https://doi.org/10.1111/ibi.12714)

Pakanen, V., Koivula, K., Flodin, L., Grissot, A., Hagstedt, R., Larsson, M., Pauliny, A., Rönkä, N. & Blomqvist, D. (2017). Between-patch natal dispersal declines with increasing natal patch size and distance to other patches in the endangered Southern Dunlin *Calidris alpina schinzii*. *Ibis*. 159: 611-622.

doi: [10.1111/ibi.12463](https://doi.org/10.1111/ibi.12463)

Conference presentations

Talks

Migrant birds as indicators of Climate Change, December 2018, Gdańsk

Breeding status influences timing but not duration of moult in the Northern Fulmar Fulmarus glacialis

ECHO : Ecology in a changing world, Mars 2019, Warsaw

Parental coordination of chick provisioning in a planktivorous Arctic seabird; Best presentation award

Popularisation seminars, Summer 2019, 2020 and 2021, Polish Polar Station Hornsund

Scientific research in Hornsund

SEATRACK Annual Meetings, November 2019, 2020 and 2021, Tromsø

Parental coordination and wintering in the Little Auk, examined with GLS data; Initial idea presentation and yearly updates

ASAB Easter meeting, April 2021, Organised online by University of Bristol

Coordinated chick provisioning in an Arctic seabird, the Little Auk, Alle alle

18th International Society for Behavioral Ecology Congress, July 2022, Stockholm,

Consistency of parental coordination and its link to pair characteristics in an arctic seabird

Posters

Polish Evolutionary Conference, September 2019, Gdańsk

Parental coordination of chick provisioning in a planktivorous Arctic seabird under divergent conditions on foraging grounds; Best poster award

3rd World Seabird Conference, October 2021, Organised online by World Seabird Union

Coordinated chick provisioning in an Arctic seabird

15th International Seabird Group Conference, August 2022, Cork

Use of geolocators for investigating the breeding ecology of a rock crevice-nesting seabird

Workshops

Migrant birds as indicators of Climate Change, December 2018, Gdańsk

Co-led a workshop on *Visualizing geolocator data in R*

Personal interests

- Sports** Took part in Roller blade races on a national level. Coached a team of young athletes
Climbing, scuba-diving, ultimate frisbee and handball
- Music** Self learning of Irish tin whistle and Low whistle
- Photography** Landscape and animal photography, mainly during nature walking and hiking

Other relevant information

Membership secretary of [The Seabird Group](#) (registered charity in the UK, promoting and coordinating the study and conservation of seabirds).

French and international driving license