

Victor Cazalis

victor.cazalis@laposte.net

+ 33 6 32 15 70 60



Junior researcher in ecology

Focus on human impacts, birds, large-scale analyses, conservation biology

Academic career

7 publications (4 as lead author)

Strong analytic skills

Analysing large databases (eg eBird) in R, statistics, GIS

Naturalist

Birds and Rhopalocera

Communication

Academic writing, outreach, press release

Education

Sept 2016 Jun 2017	MSc (2nd year) in Theoretical Ecology and Modelling <i>National Museum of Natural History, Paris - France</i>	"Ecologie Théorique et Modélisation"
Sept 2015 Jun 2016	MSc (1st year) in Ecological Modelling <i>University of Rennes 1 - France</i>	"Modélisation en Ecologie"
Sept 2011 Jun 2014	BSc in Ecology and Biology of Organisms <i>University of Montpellier - France</i>	"Ecologie et Biologie des Organismes"

Research experience

Oct 2017 Nov 2020	PhD: How much difference are protected areas making in conservation? - large citizen science (eBird, BBS, PECBMS) analyses, spatial analyses on land cover and protected areas, international conservation. Grant from the University of Montpellier. <i>Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier - France. Defense next November 9th.</i>	Ana S.L. Rodrigues
Jan 2017 Jun 2017	MSc (2nd year) research project: Theoretical dynamic modelling of the interaction between human demography and ecosystem services. Resulted in 1 publication <i>Centre for Biodiversity and Theoretical Modelling, Moulis - France</i>	Kirsten Henderson Michel Loreau
Apr 2016 Jul 2016	MSc (1st year) research project: Impact of the creation of a highspeed railway on a population of stone curlews, <i>Burhinus oedicnemus</i> , in the "Costières de Nîmes" area - fieldwork, data analyses (distance sampling, site occupancy and N-mixture models). <i>Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier - France</i>	Pierrick Devoucoux Aurélien Besnard
Aug 2014 Oct 2014	Fieldwork volunteering: Use of magnetic cues in willow warbler's (<i>Phylloscopus trochilus</i>) migration - bird catching and caring, behavioural experiments. <i>Centre for Animal Movement Research, Lund - Sweden</i>	Mihaela Ilieva Susanne Åkesson
Sept 2014 Sept 2015	Volunteering: Basic data analyses for bird ringing stations (Gedser, Falsterbo) and an NGO (COGard).	

Peer-reviewed publications

In prep.	Huot L., Rodrigues A.S.L., Edwards D.P., Cazalis V. Urban protected areas retain tropical forest bird species but less than non-urban ones. <i>In prep.</i>
In prep.	Cazalis V. , Barnes M.D., Johnston A., Watson J.E.M., Şekercioğlu C., Venter O., Rodrigues A.S.L. Protected areas in the Americas inadequate and insufficient to protect the most sensitive species. <i>In prep.</i>
In revision	Bernard A., Rodrigues A.S.L., Cazalis V. , Grémillet D. Towards a global strategy for seabird tracking. <i>Under major revision at Conservation Letters.</i>
2020	Rodrigues A.S.L., Cazalis V. (2020). The multifaceted challenge of evaluating protected area effectiveness. <i>Nature Communications</i> 11:5147.
2020	Maxwell S.L., Cazalis V. , [...], Watson J.E.M. (2020). Area-based conservation in the twenty-first century. <i>Nature</i> 586: 217-227.
2020	Cazalis V. , Princé K., Mihoub J.-B., Kelly J., Butchart S.H.M., Rodrigues A.S.L. (2020). Effectiveness of protected areas in conserving tropical forest birds. <i>Nature Communications</i> 11:4461.
2020	Gaget E., Le Viol I., Pavón-Jordán D., Cazalis V. , [...], Galewski T. (2020). Assessing the effectiveness of the Ramsar Convention in preserving wintering waterbirds in the Mediterranean. <i>Biological Conservation</i> 243: 108485.
2019	Cazalis V. , Prévot A.-C. (2019). Are protected areas effective in conserving human connection with nature and enhancing pro-environmental behaviours? <i>Biological Conservation</i> 236: 548-555.
2019	Cazalis V. , Belghali S., Rodrigues A.S.L. (2019). Using a large-scale biodiversity monitoring dataset to test the effectiveness of protected areas in conserving North-American breeding birds. <i>BioRxiv</i> , 433037, ver.4 peer-reviewed and recommended by PCI Ecology.
2018	Cazalis V. , Loreau M., Henderson K. (2018). Do we have to choose between feeding the human population and conserving nature? Modelling the global dependence of people on ecosystem services. <i>Science of the total environment</i> 634: 1463-1474.

Technical publications

2019	COGard (2019). Atlas des oiseaux du Gard, enquête 2009-2017. COGard, Saint-Chaptes, 400p. <i>Atlas of the birds of the Gard, participation in fieldwork (2012-2016), coordination, and writing (22 species monographs and general chapters).</i>
2016	Cazalis V. , Devoucoux P., Besnard A. (2016). Analyse de la sélection de l'habitat chez l'Oedicnème criard (<i>Burhinus oedicnemus</i>) dans le contexte de la construction de la ligne TGV en Costières nîmoises. <i>Report to the Regional Direction of the Environment and Land Management (DREAL)</i> , Montpellier, 29p.

Scientific skills

Analytical

 **R:** high skills in R data processing and analyses (inc. large datasets) and programming

 **GIS:** advanced skills using QGis for visualisation and R for analyses (shp and rasters; use of the *sf* package)

 **Statistics:** GLMs, GAMs, mixed models, spatial analyses (GWR), basics in Bayesian statistics

Communication

 **Writing:** proficient in academic writing (inc. high-impact journals), as lead, last or co-author

 **Graphics:** advanced skills in R complex graphics (ggplot, maps), Inkscape, LaTeX

 **Outreach:** strong interest for years (lectures, journal articles, naturalist books, bird tours), press release during the PhD (national news, radio)

Naturalist

 **Birds:** Proficient field ornithologist for European birds (visual and auditory identification)

 **Rhopalocera:** basic knowledge of European butterflies and capture skills

 **Fieldwork:** standardised bird monitoring, bird ringing assistant, bird migration counts

Scientific oral presentations

2019	Cazalis V., Prévot A.-C. (2019). Are protected areas enhancing pro-environmental behaviours? <i>Student Conference on Conservation Science, Cambridge - UK</i> , 26th of March 2019
2019	Cazalis V., (2019). Are protected areas effective at conserving bird species and at enhancing human pro-environmental behaviours? <i>Invited seminar at the Tour du Valat, Arles - France</i> , 11th of March 2019
2018	Cazalis V., Belghali S., Rodrigues A.S.L. (2018). Investigating protected areas effectiveness using North-American BBS. <i>International Conf. on Ecological Science, SFE2, Rennes - France</i> , 24th of October 2018

Outreach

2020	Media: press release following Cazalis et al. (2020) resulting in 2 press articles. Press release in France following Maxwell et al. (2020), ongoing (so far 1 article in national news)
2019	Media: press release following Cazalis and Prévot (2019); resulted in 7 press articles (systematically following an interview), 4 radio interviews, 3 presentations for policy makers.
2013 now	Outreach activities: lectures (11 events on bird migration), activities in highschools (5 events), activities in schools (7 events), birding tours (8 events), Festival of Science (2 events).
2013	Outreach articles: writing of 12 species monographic articles for a local monthly journal (Le Grillon).

Teaching and supervising

2020	Main supervisor of a Master's internship in Conservation Biology: Relative effectiveness of urban protected areas in conserving bird species from Latin America.	2 months
2019	Lectures in Conservation Biology for Master's students in <i>University of Montpellier</i>	7 hours
2019	Main supervisor of a Master's internship in Conservation Psychology: Which landscape characteristics enhance the adoption of pro-environmental behaviours by local inhabitants?	2 months
2018 2019	Teaching assistant in Statistics for ecology for Bachelor students in <i>University of Montpellier</i>	24 hours
2018	Main supervisor of a Master's internship in Conservation Biology: Are protected areas effective in conserving European butterfly communities?	3 months

Reviews

2018 2019	5 revisions for <i>Biological Conservation</i> . Publons profile: https://publons.com/researcher/1605670/victor-cazalis/
--------------	---

Social skills

- ❖ **Aptitude and appetite for team working**
- ❖ **Lab involvement** (Students delegate at the lab board ("Conseil de laboratoire"), co-organiser of Students seminars)
- ❖ **Non-violent communication** (Basics)

- ❖ **Personal interests**
 - ❖ **Music** (doublebass, singer, drums, piano)
 - ❖ **Hiking and cross-country skiing**
 - ❖ **Circus** (juggling, flying trapeze)
 - ❖ **Handicraft** (sewing, building, drawing)

Others



Driving licence