

BENJAMIN CRETOIS

I am a PhD Candidate in the project **Digital Transformation** where I am specializing in data analysis. I am passionate about making data more useful and more comprehensible for scientists and citizens and I am looking forward to continue working with data as a Data Scientist.



EDUCATION

Current
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2018

Ph.D. Candidate, Spatial Data Analysis

Norwegian University of Science & Technology Trondheim, Norway

- Finding methods to improve the use of Citizen Science data
- Managing master students' projects
- Teaching assistant in statistic and GIS courses)

2018
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2016

M.Sc., Environment and Law

Université de Rennes I

Rennes, France

- Thesis: "The revival of wolves and other large carnivores and their impact on the livelihood of rural communities"
- Basic of database management (Microsoft Access and SQL)

2016
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2013

B.S., Ecology and Evolution

Université de Rennes I

Rennes, France

2011
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2011

Infantry School of Lorient

French Navy

Lorient, France

- Learning how to manage a team of soldiers
- First aid, thinking in harsh conditions

RESEARCH EXPERIENCE

2018

Research Assistant

Norwegian Institute for Nature Research

Trondheim, Norway

- Helping in the writing of a report for the EU Parliament
- Analyzing depredation data from European country

2017

Research Assistant

Norwegian Institute for Nature Research

Trondheim, Norway

- Use of text data mining and classification methods to analyze environmental legislation

PROFESSIONAL EXPERIENCE

CONTACT

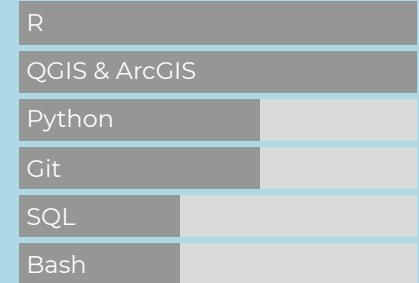
benjamin.cretois@ntnu.no

[benjamincretois](#)

github.com/BenCretois

benjamincretois.netlify.app

SKILLS



LANGUAGES

French

English

Spanish

Norwegian

2013
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2011

- **Sergeant in the French Navy (Marine infantry)**
Marine Francaise 📍 Brest, France
 - Leading and managing a team of 6 soldiers to secure military bases
 - Training for special forces (Commandos Marine)



TEACHING EXPERIENCE

Current
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2018

- **Quantitative methods**
NTNU's Department of Geography 📍 Trondheim, Norway
 - TA and lectured
 - Teaching the use of R programming, regression techniques & data visualization
 - Master level class
- **GIS Tools for climate change studies**
NTNU's Department of Geography 📍 Trondheim, Norway
 - TA and lectured
 - Advanced GIS analysis to study climate related problems
 - Master level class
- **Introduction to GIS & Quantitative methods**
NTNU's Department of Geography 📍 Trondheim, Norway
 - TA and lectured
 - Introduction to programming in R and basic statistical techniques
 - Bachelor level class

I enjoy teaching very much. I believe that teaching is a way to better understand the concepts that we use ourselves



SELECTED SCIENTIFIC COMMUNICATION WRITING

2020

- **Point pattern analysis in Stan - Part 2**
benjamincretois.netlify.app
 - Tutorial on analysing spatial patterns in R using Bayesian methods
- **Point pattern analysis in Stan - Part 1**
benjamincretois.netlify.app
 - Tutorial on analysing spatial patterns in R using Bayesian methods
- **The contribution of hunters to monitoring biodiversity in Europe**
European Federation for Hunting and Conservation
 - Short description of our paper Hunters as Citizen Scientists

I regularly post tutorial about data analysis and summarize my recent papers on my website

- 2020 • **Can Humans and Wild Ungulates Live Together in a European Landscape?**
Ecology For the Masses
• Short description of our paper Challenges and opportunities of living with wild ungulates
- 2019 • **Inspiring optimism: note from the Conservation Optimism Summit**
Ecology For the Masses
• Short description of my contribution to the conference Conservation Optimism
-  **SELECTED PUBLICATIONS**
- 2020 • **Hunters as citizen scientists: Contributions to biodiversity monitoring in Europe.**
Global Ecology and Conservation
• Cretois, B., Linnell, J. D., Grainger, M., Nilsen, E. B., & Rød, J. K.
• We assessed the means by which hunters contribute to biodiversity monitoring
- 2020 • **The challenges and opportunities of coexisting with wild ungulates in the human-dominated landscapes of Europe's Anthropocene.**
Biological Conservation
• Linnell, J. D., Cretois, B. (*co-first authorship*), Nilsen, E. B., Rolandsen, C. M., Solberg, E. J., Veiberg, V., ... & Kaltenborn, B.
• We summarized and analyzed data on species distribution, ungulates-car collisions and hunting
- 2020 • **Accounting for spatial varying sampling effort due to accessibility in Citizen Science data: A case study of moose in Norway.**
Spatial Statistics
• Sicacha-Parada, J., Steinsland, I., Cretois, B., & Borgelt, J.
• We attempted to correct for biases in Citizen Science data
- 2019 • **What form of human-wildlife coexistence is mandated by legislation? A comparative analysis of international and national instruments**
Biodiversity and Conservation
• Cretois, B., Linnell, J. D., Kaltenborn, B. P., & Trouwborst, A.
• We used text mining and clustering algorithms
- 2018 • **Research for AGRI Committee-The Revival of Wolves and Other Large Predators and Its Impact on Farmers and Their Livelihood in Rural Regions of Europe**
Report for the European Parliament
• Linnell, J. D., & Cretois, B.
• We analyzed depredation data and communicated in a simple way for policy-makers



SELECTED TALKS

2020

Conceptual insights on what presence means

NTNU's Department of Geography

📍 Trondheim, Norway

- Cretois, B.
- My talk about the meaning of "presence" in ecology and geography

2020

Coexisting with large mammals in the human-dominated landscape of Europe's Anthropocene.

4th Conference of the Nordic Society Oikos

📍 Reykjavik, Iceland

- Cretois, B.

2019

Living with success with wild large mammals in Europe's anthropogenic landscape

Conservation Optimism Summit

📍 Oxford, UK

- Cretois, B.