

BENJAMIN CRETOIS



I am a PhD Student at the Department of Geography at the Norwegian University of Science and Technology. My research focus primarily on finding **statistical solutions** to make the best use of **Citizen Science** observations. I also have a keen interest in topics related to **spatial data analysis** and **bayesian methods**.

EDUCATION

Current
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2018

PhD. Candidate, Geography

Norwegian University of Science & Technology Trondheim, Norway

- Working on improving the use of Citizen Science data. Involved extensive use of bayesian methods and spatial data analysis
- University Graduate Fellow

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"

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 lead 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

- Analyzing "conservation values" in national and international legal instruments

PROFESSIONAL EXPERIENCE



CONTACT

benjamin.cretois@ntnu.no

[Benjamin_M_CR](#)

github.com/BenCretois

benjamincretois.netlify.app

SKILLS

R	
QGIS & ArcGIS	
INLA & Stan	
Marvel & DC comics	
Mixed Martial Art & Surf	

Made with the R package
[pagedown](#)

Last updated on 2020-10-19.

2013
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2011

- **Sergeant in the French Navy (Marine infantry)**
Marine Francaise 📍 Brest, France
 - Leading 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 am passionate about education. 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 fitting point process model with different softwares - primarily for Stan & R users.

2020

- **Point pattern analysis in Stan - Part 1**
benjamincretois.netlify.app
 - Tutorial on fitting point process model with different softwares - primarily for Stan & R users.

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

2020

- **The contribution of hunters to monitoring biodiversity in Europe**
European Federation for Hunting and Conservation

2020

- **Can Humans and Wild Ungulates Live Together in a European Landscape?**
Ecology For the Masses

2019

● **Inspiring optimism: note from the Conservation Optimism Summit**

Ecology For the Masses

 **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.

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.

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.

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.

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.**

 **SELECTED TALKS**

2020

● **Conceptual insights on what presence means**

NTNU's Department of Geography

 Trondheim, Norway

· Cretois, B.

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.