

# NISHANT BHARDWAJ

[bhardwajnishant.nb@gmail.com](mailto:bhardwajnishant.nb@gmail.com)

+91-7060262594

## RESEARCH INTERESTS:

Population ecology, behavioural ecology, human-animal interactions, conservation, policy, and management

---

## EDUCATION:

**MSc Ecology and Wildlife Conservation**, Newcastle University, United Kingdom 2019-2020

Thesis: *Topic Modelling mammal ecology: A case study of British terrestrial mammals*

**BSc (Honours) Zoology**, Ramjas College, University of Delhi, India 2016-2019

---

**SKILLS:** data analysis and visualisation, project management, report writing, GPS, R, Python, QGIS, ArcGIS, MaxEnt, Camera trapping

---

## OTHER QUALIFICATIONS:

Course **Introduction to Python programming and Understanding and visualising data with Python** January 2023  
University of Pennsylvania, University of Michigan, and Coursera

Course **Fundamentals of GIS** June-July 2019  
University of California, Davis, and Coursera

Course **Field based training course in Wildlife Biology** December 2018  
Ecology and Rural Development Society & Rajasthan Forest Department India

Course **Species conservation in protected areas** September-October 2018  
École Polytechnique Fédérale de Lausanne, Switzerland (EPFL-IUCN)

Certificate Course **Animal behaviour: an introduction** September-December 2017  
Department of Continuing education, University of Oxford

Certificate course on **Conservation techniques and field methods** May 2017  
Wild Otters Research, Goa, India

---

## EXPERIENCE:

**Intern**, International Institute of Waste Management, Bangalore      *February-May 2021*

Organized a national-level workshop for government officials (Pollution Control Board). Handled all operations and communications, including content development of the information booklet.

**GIS assistant**, People's Trust for Endangered Species, London      *October 2020-December 2020*

Digitised traditional orchards from historical maps provided by Landmark and PTES to support restoration of orchards (a priority habitat in UK's Biodiversity Action Plan). Overlaid aerial imagery to identify the status of traditional orchards at present.

**Volunteer**, Natural history Society of Northumbria, Newcastle      *2019-2020*

Managed the habitat at the reserve. I dedicated several hours to practical conservation work at Gosforth Nature Reserve with tasks including tree planting at a new native 'wildwood', hide maintenance, cutting reed bed, invasive species control, and board walk maintenance.

**Research Intern**, Wild Otters Research, Goa, India      *June-July 2018*

- Conducted field surveys for Smooth-coated otters in mangroves.
- Identified Smooth-coated otter signs like pugmarks, defecating areas.
- Set up and monitored trail cameras.
- Used GPS and Google earth for digital mapping.
- Analysed and sorted content from trail camera data

**Main lead**, Project on “Seed preference in Pigeons (*Columba livia*)” in Delhi      *February-April 2018*

Designed and proposed the study, coordinated with team members for successful completion of the project within given timeline, and analysed the data and presented the study outcomes.

**Volunteer**, World Wildlife Fund (WWF-India)      *2016-2018*

Waste Segregation, Adopt a tree campaign and Earth hour campaign.

---

## CONFERENCES/WORKSHOPS ATTENDED:

Workshop on Quantitative Population dynamics with R      *June 2023*

Workshops at Student Conference on Conservation Science (SCCS), Bengaluru      *September 2018*

- The complexity and variety in human-large carnivore interactions in India
- Writing grants and fellowships in Ecological Sciences
- Managing and working effectively with people and teams
- Language & Ecology- Communicating Nature through local languages

National conference on “Wetlands for Disaster Risk Reduction, Thane, Maharashtra, India organised by Paryavaran Dakshta Mandal in collaboration with Association of Teachers in Biological Sciences and Enviro-vigil, Thane      *February 2017*

---

**AWARDS/ SCHOLARSHIPS:**

**NHSN Student Naturalist Award (Academic Associate)**, Natural History Society of Northumbria  
*January 2020*

**Newcastle Vice-Chancellor's Excellence Scholarship**, Newcastle University *September 2019*

**3<sup>rd</sup> prize for poster presentation**, National conference on "Wetlands for Disaster Risk Reduction"  
Maharashtra, India      *February 2017*

---

**PUBLICATIONS:**

Borker, A., Gogi, K., Krupa, H., Savage, M. and **Bhardwaj, N. (2022)**. Otter Survey in Pakke Tiger Reserve, Arunachal Pradesh, Eastern Himalayas of India. *IUCN Otter Spec. Group Bull.* **39** (1): 29 - 38