



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6639

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze e Politiche Ambientali**

Scientist- in - charge: Prof. FAVA FRANCESCO PIETRO

Karan Sethi

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Sethi
Name	Karan

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Master's Degree	Environment Change and Global Sustainability	University of Milan	2022/2023

FOREIGN LANGUAGES

Languages	level of knowledge
English	C2
Italian	A2

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2021	DSU scholarship
2022	MAECI scholarship
2023	DSU scholarship



TRAINING OR RESEARCH ACTIVITY

description of activity

Thesis Research, University of Milan (October 2023 - February 2024)

- Conducted a systematic review on the impact of protection nets on orchard biodiversity
- Analyzed field-collected datasets using R, employing GLMM and N-mixture statistical models
- Performed preliminary remote sensing analysis to detect the presence of anti-hail nets

Research Intern, MUSE - Museum of Science, Trento, Italy (April 2023 - July 2023)

- Conducted field surveys to collect data on insect pollinator communities and flowering plant species in the apple orchards of Val di Non
- Performed baseline surveys on agricultural management practices and landscape variables in apple orchards
- Spatially analyzed and digitized field data using QGIS
- Collected ground truth data on the presence of anti-hail nets

Programme Coordinator, Earthwatch Institute India (April 2020 - August 2021)

- Conceptualized and managed a project to promote pollinators in the Indian Himalayan region
- Developed knowledge dissemination material for case studies, reports, and citizen science initiatives
- Created concepts and proposals for competitions to secure project grants/funds

Research Intern, NH Consulting, India (September 2019 - October 2019)

- Participated in wildlife surveys and botanical identification in natural reserves
- Organized over 20 workshops with village communities to gather local knowledge on biodiversity

Fellow, Under the Mango Tree Society, India (April 2018 - March 2019)

- Researched plant-pollinator interactions between *Apis cerana indica* and *Manilkara zapota*
- Developed a pollination service model for smallholder farmers in remote tropical villages
- Participated in the natural colony transfer of *Apis cerana indica* and *Tetragonula iridipennis*
- Monitored over 150 *Apis cerana indica* beehives and organized beekeeping training workshops for smallholder farmers and local stakeholders
- Conducted over 50 monitoring and evaluation surveys on agricultural practices and plant diversity
- Authored three blogs based on fieldwork experiences



PROJECT ACTIVITY

Year	Project
2023	“Agriculture, Landscape and Nature in Dialogue”

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and it is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: New Delhi, 24/05/2024