Prabhat Raj Dahal

CONTACT

EDUCATION

PhD in Environmental and Evolutionary Biology
November 2018 — Present

Sapienza University of Rome

M.Sc. Earth System Science
October 2014 — October 2016

Universität Hohenheim,Germany

Major Subjects:Physics/Chemistry/Biology of the Earth System,Spatial Data Analysis with GIS,Remote Sensing,Environmental Modelling,Land Use Economics

Thesis title: Areas of glaciers and glacial lakes in northeastern **COUNTRY NAME** studied with Landsat imagery from 1992-2015.

Bachelors in Environmental Engineering
August 2006 — August 2010

Kathmandu University, Nepal

Major Subjects:Hydrology and Water Resources,Water and Wastewater Management,Hydropower and Renewable Energy

WORK EXPERIENCE

Kathmandu Living Labs/IUCN
February 2017 — Present

Modelling and Spatial Data Expert

Main activities and responsibilities

- Species distribution modelling of 75 mammalian species of **COUNTRY NAME** listed on the IUCN´s Redlist.

- Projecting the potential habitat areas of mammals under various climate change scenarios.

- Mapping and modelling ecological regions using the Holdridge Life Zone classification based on climatic data-sets.

- Working with large meteorological data-sets.

- Developing research ideas and writing scientific papers.

Rural Water Supply and Sanitation Fund Development Board
June 2012 — November 2012

Assistant Water Quality Expert

Main activities and responsibilities : Water quality analysis, hazard and risk assessment of various ground water and gravity flow water supply schemes.

Integrated Development Society
December 2011 — May 2012

Research Assistant

Main activities and responsibilities : Technical report writing, grant proposal writing.

Rural Water Supply and Sanitation Fund Development Board
December 2010 — March 2011

Water Supply and Sanitation Engineer

Main activities and responsibilities :Designing gravity flow and ground water supply systems.

QUALIFICATIONS	**Computer Skills and Competences**
	QGIS,SAGA GIS,GRASS GIS,Arc GIS,R,Google Earth Engine

Languages
English(TOEFL:105/120),German(A1)

Conferences

Sixth International Conference on Remote Sensing and Geoinformation of Environment (RSCY2018), Cyprus,March 26-29, 2018
Areas of glaciers and glacial lakes in northeastern **COUNTRY NAME** studied with Landsat imagery from 1992-2015. (Awarded best poster)

South Asian Conference on Small Mammals, Kathmandu, Nepal,2017
Presentation title: Impacts of Climate Change on Habitat Distribution of Small Mammals of **COUNTRY NAME**: A modelling based approach.

International Snow Leopard & Ecosystem Forum in Bishkek, Kyrgyz Republic,2017
Presentation title: Potential Habitat Area of Snow Leopard under the context of Climate Change: A modelling-based approach.

Participant: *Global Landscape Forum COP21 2016, Paris, France*

INTERESTS   Music,Travel,Philosophy

REFERENCES   References available upon request.