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**Kumud Raj Kafle, PhD**

## All About Me



- **Born in 1969 June**, Hariwan, Sarlahi District
- Citizenship from **Ramechhap Saalu**, (Manthali Municipality-8)
- Married – With **two sons** (22 years and 17 years)
- Schooling up to 3 classes in Hariwan Sarlahi
- 4-10 classes in Kathmandu, Bijay Memorial School Dillibazar
- **I.Sc.** from Amrit Science College, Kathmandu
- **B.Sc.** from Tri-Chandra College (**Physics-Geology**-Mathematics)
- **M.Sc.** from Tribhuvan University in **Geology** 1995
- **M.Sc.** from Nepal Engineering College in **Natural Resources Management (NRM)** in 2005
- **PGD** in 2012 in Disaster Management from France as a part of PhD program from the University of Nice Sophia Antipolis (UNS), Nice, France
- **Ph.D.** in 2016 in Environmental Science specialization in Flood Sedimentation Impact in Agriculture Land (**Post Disaster Impact Assessment**) from Kathmandu University,

## Members in Professional Societies

- **Life member** -Nepal Geological Society (NGS)
- **Vice President** -Nepal Society of Engineering Geology (NSEG)
- **Member** -American Geophysical Union (AGU)
- **Member** -International Association of Engineering Geology and the Environment (IAEG)
- **Life member** -Nepal GIS Society (Former Executive Member 007-010)
- **Life member** -Nepal Remote Sensing and Photogrammetric Society

## Activities Before joining at KU

- Initially Hydrogeologist and Geophysicist in different consultancies and as a research assistant(TU)
- **Engineering Geologist** Kaligandaki Hydroelectric Project (144 MW)
- **Engineering Geologist** Dhauliganga Hydroelectric Project in Uttarakhand India (280 MW)
- **Managing Director** in HEET consult Pvt conducted and completed **more than 25 projects** relevant to Hydropower, Environment (EIA IEE), Infrastructures (Road, Bridge), Foundation Engineering
- **Part-time faculty member** in Tri Chandra College in Geology as well as Environmental Science Departments

# Activities After Joining at KU

- ▶ Teaching as **assistant Professor** From 2006, **associate professor** from 2013

**Subjects:** Environmental Geology, Engineering Geology, Disaster management, and GIS & RS for Undergraduate and Graduate students

## Involved in Different Research Projects (Major):

- ▶ DelPHE project, **DFID**, UK funding (2007-09)
- ▶ UGC Mini-grant, **EV-K2-CNR** project in Solukhumbu region (2008-09)
- ▶ Research on solid waste management in Sagarmantha region, funding by **LAQUA group of Sweden**
- ▶ Drilling manual preparation project, **DFID** funding under GWS (2011-12)
- ▶ Spring Source Enhancement Project in Dailekh and Surkhet, **Oxfam** funding (2015-16)
- ▶ Landslide hazard project in Karve, **ISET-Nepal** funding (2016)
- ▶ Kulekhani and Phewalake water quality, **UGC** funding (2017-2022)
- ▶ E-flow determination Project, **WWF** funding (2017-19)
- ▶ Sediment Monitoring Project along the Kaligandaki River, **World Bank** funding (2018-19)
- ▶ Watershed, Forest, and Spring source mapping in Melamchi and Dhulikhel area, **WWF** funding (2018)
- ▶ Four glacier lakes (Thulagi, Lower Barun, Lumding, and Hongu) risk studies with the collaboration of KU and **UNDP** (2019-20)
- ▶ Jagadispur and Rara lakes water quality, **UGC** funding (019-2022)
- ▶ Rare Earth Element exploration (Inventory) project, **US Department of Defense**, 2023 - to the date
- ▶ **Chief Editor, Member of Editorial Board, Reviewers** in IJOAEM, Springer, IJLE, JNGS, NJST, AJEG and KUSET

## Awards and Publications

- **Best Research Award** in Integrated Disaster Risk Management Conference held at the University of South Wales, Sydney, Australia, Oct 2018
- **ERASMUS MUNDUS scholarship** for the postgraduate diploma study as a part of Ph D course in France 2011-012.
- **DeLPHE scholarship** for the training course in Northumbria University, UK in Jan - Feb 2009
- **Bidhya Busan "Ka"** awarded by the Honorable President of Nepal in 2017
- **More than 50 publications** in International and National Journals
- **Two books** and **Three Book chapters** (National and International)
- **Eight PhD students** (currently) with masters and Undergraduate students

## Department Head Responsibility as Academic Administrator

- **LoAs** with different national and international Institutions
- **International conference** on Mountain Hydrology and Cryosphere
- **Wildlife program** starting (with support of Norway NORPART project)
- Initiation of **internships** in a different organization
- Initiation of the launch of **new programs** (one in undergraduate and one in graduate)
- **Contributions to Schools-** Different Committees, administration works, etc, KU

# Future Planning

## Activities align with KU Strategic Plan 2022 to 2027

### Activities in the future:



**Course Development:**  
Development of courses that are linked with the nation's requirement and with practical applications.



**Partnership and collaboration** with job providers (Industries, businesses, service sectors) when designing and delivering the course.



**Seeking Grants and Funding** to enhance R&D, promote entrepreneurship and exposure events.



**Promoting Research activities**

**Thank You**



Source: <https://www.wdnexus.com>