

**Biodata of  
PROF. Dr. BISHAL NATH UPRETI**



Name **BISHAL NATH UPRETI**  
Date of Birth April 22, 1951  
Home Address 205, Kumari Marg,  
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**Kathmandu, Nepal.**  
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### FIELD OF INTEREST

Structural geology and Tectonics, Engineering geology, Disaster Management, Paleoseismology.

### EDUCATION

Year	Degree	Subject	University
1980	<b>Ph.D.</b>	Geology	M.S. University of Baroda, Baroda, India
1973	<b>M.Sc.</b>	Geology	Karnatak University, Dharwar, India
1971	<b>B.Sc.</b>	Geology, Chemistry, Mathematics	Tribhuvan University, Kathmandu, Nepal
1975	<b>B.L.</b>	Law	Tribhuvan University, Kathmandu, Nepal

### PRESENT AND PAST POSITIONS HELD

- **Fellow (Academician) (Life Member)**, Nepal Academy of Science and Technology (NAST).
- **Fellow, TWAS** (The World Academy of Sciences, formerly the Academy of Sciences for the **Foreign Fellow (Academician)**, Zambia Academy of Sciences, Zambia
- Developing World), Trieste, Italy (elected in 2006).
- **Council Member, TWAS** (2016-2018, 2019-2022).
- **Member, Membership Advisory Committee** (Earth, Astronomy and Space Science), TWAS (2010-2015, 2023-2024).
- **Full Professor** (structural geology), Department of Geology, School of Mines, University of Zambia, Lusaka, Zambia (2015 Sept.- Jan 2020).
- **Head**, Department of Geology, School of Mines, University of Zambia (Nov 2017-Jan 2020).
- **Member**, Senate, University of Zambia (2017-Jan 2020).
- **Professor**, Department of Geology, Tribhuvan University (promoted to the post of professor in 1998) (Retired, in April, 2014).
- **Adjunct Professor**, Queensland University of Technology, Brisbane, Australia (2008-2015).
- **TWAS Research Professor**, University Zambia, Lusaka, Zambia (2012-2017).
- **Visiting Professor (2013-2018)**, Institute of Geology, Chinese Academy of Geological Sciences, Beijing, China (2013-2018).
- **Member/coordinator**, TWAS Nepal Chapter.
- **Member** for short listing candidates for TWAS regional prize, TWAS Young Affiliates etc.
- **Member, Management Board**, Nepal Academy of Science and Technology (NAST) (2010-2012).
- **Member, Service Commission**, Nepal Academy of Science and Technology (NAST) (2015-2017).
- **President, Disaster Preparedness Network - Nepal, (DPNet-Nepal)**, a network of nearly 100 NGOS, INGOs, related Ministries of Government of Nepal, UN agencies, bilateral and multilateral international agencies etc. working in the field of disaster risk reduction. (2013-2015).
- **President of Nepal Geologic Society** (1996-1998).
- **Founder Member and president**, Nepal Centre for Disaster management (2020-2022).
- **Chairman**, Science Subject Committee (General Science, Environmental Science, Teaching Science), Higher Secondary Education Board, His Majesty's Government of Nepal (2004,2006).
- **Research Fellow** of Wadia Institute of Himalayan Geology, Dehra Dun, India (for PhD degree) (1975 – 1979)

- **Geologist**, Department of Geological Survey (presently the Department of Mines and Geology), Government of Nepal (1973-1975).

#### PREVIOUS APPOINTMENTS IN TRIBHUVAN UNIVERSITY

April 2006 - July 2008	<b>Dean</b> , Institute of Science and Technology
1998	<b>Professor</b> , Department of Geology
August 1991	<b>Reader (Associate Prof.)</b> , Department of Geology
June 1995 - April 2006	<b>Head</b> , Department of Geology, Tri-Chandra Campus
March 1992 - May 1994	<b>Head</b> , Central Department of Geology, Kirtipur Campus
April 1986 - March 1992	<b>Head</b> , Department of Geology, Tri-Chandra Campus
December 1980	<b>Permanent Lecturer</b> , Department of Geology, Trichandra Campus
August 1979	<b>Lecturer</b> (on Contract), Department of Geology, Trichandra Campus

#### INTERNATIONAL VISITING PROFESSOR/RESEARCHER POSITIONS

June 01-30, 2022,	Erlangen Nurnberg University, Germany
April 1-May 31, 2022	Paris University (Institut de Physique du Globe de Paris (IPGP), Paris, France
July-August, 2012	TWAS Research Professor, University Zambia, Lusaka, Zambia (2012-2017)
2013-2018	Institute of Geology, Chinese Academy of Geological Sciences, Beijing, China.
March 2011- July 2012	Professor, Arba Minch University, Ethiopia
August - September 2011	DAAD Fellow, Erlangen–Nurnberg University, Germany
October-December 2009 (three months)	Visiting Professor, Institut de Physique du Globe de Paris (IPGP)/CNRS, France (Paris Unniversity)
Jan-February 2001	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India
April-May 1999	JSPS (Japan Society for Promotion of Sciences) Research Fellow, Hiroshima University, Japan,
October-March 1983-84	Research Scientist, Centre de Recherches Péetrographiques et Géochimiques (CRPG)/CNRS, Nancy France
April- August 1985	Research Fellow, Kyushu University, Japan

#### SELECTED RESEARCH PROJECTS UNDERTAKEN

- Team leader: **The impact of climate change on glacial retreat, mass movement hazards and local community in higher Himalaya of Nepal**: Case study of Langtang Khola watershed, Nepal. Funded by Ministry of Environment, Government of Nepal (2010).
- Team leader (Nepal): **“Integrated management and safe disposal of Municipal solid wastes in least developed Asian countries”** a joint project with five European and Asian universities and co-funded by Asia Pro-Eco programme of the European Commission (2005).
- Team leader: Research project conducted on the **“geology and tectonics of the Taplejung window, eastern Nepal Himalaya”** funded by the Dean's Office, Faculty of Science and Technology, Tribhuvan University (2002).
- Team leader: Research Project conducted on **“the Geological investigation of far-western Nepal”** was carried out under the research project sponsored by the National Council for Science and Technology (NCST)/HMG, Nepal (1985).
- Participated as a counterpart researcher in a number of **joint research projects** in Nepal Himalaya in collaboration with geoscientists from France (CNRS and Universities), Japan (Particularly with Hiroshima, Shimane and Kyushu universities) and a number of universities in USA, Germany, China and India (University of Arizona, Central Washington University and Lamont-Doherty Earth Observatory of Columbia University, USA., University of Colorado, Earthquake Research Institute, University of Tokyo, and Peking University and Chinese Academy of geological Sciences, China).

## HIGHLIGHTED ACCOMPLISHMENTS AND SYNERGISTIC ACTIVITIES

- One of the members of the Proponent group and a member of the site selection committee for the International project (2014): International Drilling to Recover Aquifer Sands (IDRAs) and Arsenic Contaminated Groundwater in Asia (members: A van Geen, AJ Spivack, TR Holm, B Nath, KM Ahmed, R Beckie, H Guo, D Postma, L Charlet, T Neumann, AL Ramanathan, H Masuda, BN Upreti, A Farooqi, P Bhattacharya, M Berg, J Lloyd, PH Viet), led by Lamont-Doherty Earth Observatory, Columbia University, New York, USA
- Led Tribhuvan University geology departments at Kirtipur and Tri-Chandra Campuses, from their early stage of its establishment till recently. Particular contribution was in academic improvement at the departments and helping many students and young faculty members to receive MSc. and PhDs in developed countries.
- Collaborated and facilitated a large number of joint research projects with scientists from many countries, including China, France, Germany, India, Italy, Japan, Switzerland and USA.
- Primary advisory to many M.Sc. and three Ph.D. students of Geology.
- Helped to construct buildings for Geological Field camps with international cooperation at Malekhu and Tansen (Dumre), where geology students can stay comfortably during the field work.
- SIT Nepal (School for International training): Geoscience co-founder (2013). A program to conduct field training with course credits for US and other international students (focused on US students) on Himalayan geology. It is an ongoing program.
- Worked as a resource consultant (Engineering Geologist) for detailed, feasibility and pre-feasibility survey of over 15 roads, bridges and hydropower projects in Nepal.
- Led a number of training workshops on topics related to engineering geology, mountain safety, and hazard management.
- Regularly gives school programs, public lectures, parliament member briefings, and media interviews on natural hazards including the earthquake hazards and preparedness.
- President of Nepal Geologic Society (1996-1998).
- Editor in Chief of Journal of Nepal Geological Society (2001-2004).
- President (2020-2022), Founding General Secretary (2002-2007) and Vice-President (2007-2011) and President (2020-2022) of Nepal Centre for Disaster Management (an NGO).
- Executive member (2009-2011) and Vice-Chairperson, Chair-person (2013-2015) of DpNet-Nepal (Disaster Preparedness Network- Nepal) an NGO, with membership of all stakeholder NGOs (nongovernment Organizations) and INGOs, related agencies of government of Nepal and major international agencies including UNDP, WHO, UNESCO etc.
- Committee member (2007), Curriculum revision of Class 11 and 12 of the Higher Secondary Education Board of Government of Nepal.
- Chairman (2004-2006), Science Subject Committee (General Science, Environmental Science, Teaching Science), Higher Secondary Education Board, Government of Nepal.
- Member (2004-2008), National Committee on IGCP (International Geological Correlation Programme).
- Team Leader (from Nepal side) for the project "Integrated management and safe disposal of municipal solid waste in Least Developed Asian countries" Asia Pro Eco Programme of the European Commission and contributor of the feasibility study report on the same (Joint program with universities of Bangladesh, Thailand, UK and Germany and Nepal).
- Team Leader-Nepal, DAAD-Project (2011-2014) "Development of curricula on environmental engineering in Nepal and cross-linking of a distance learning". A Joint Project with Bauhaus-Universität Weimar, Germany, Chulalongkorn University, Thailand and Tribhuvan University, Nepal.
- Chair, Scientific subcommittee (Physical Group-Physics and earths sciences), Nepal Academy of Science and Technology (NAST) (2020-2022, 2022-2024)
- Served as Nepal Academy of Science and Technology (NAST) Committee Member for many years on research funding, Member of selection committee for National awards to scientists given by NAST, and as Executive Member of the Management Committee.
- Member, TWAS Membership Advisory Committee (Earth, Astronomy and Space Science) (2010, 2011).
- Member, TWAS Regional Office for Central and South Asia (TWASROCASA) committees for

- shortlisting candidates for TWAS Young Affiliates and TWAS Regional Office Prize, 2010, 2011.
- Australian Leadership Award Fellowship for a disaster management Course
- Joint training program (2008) at Queensland University of Technology, Brisbane, Australia. Australian Leadership Award Fellowship Program, 25 Aug.-28 Nov., 2008
- Working as an Academic Adviser and field Co-instructor of the World learning Inc. SIT Study Abroad, SIT Graduate Institute to run a SIT American study abroad program (Geoscience and Environment) for a joint US and Nepali undergraduate students in Nepal. This is an annual program (June-July) of six weeks duration which started in 2013 (2013- ).
- Lead national expert/actor in international documentary film “Geologic Journey II, Collision zone: Asia (55 min) (2010), 90<sup>th</sup> Parallel Production Ltd in association with CBC/National Geographic Channel Intl/Discovery Science/CMF/CAVCO/OMDC.
- National expert/Actor in NHK (National Television Company), Japan produced documentary film (60 min) series “Miracle planet” on the theme Origin of the Himalaya (1985).
- Actively engaged in helping a number of public schools (government schools) of Nepal by fundraising locally and internationally for improving quality of education in general as well as helping to start and strengthen 11 and 12 grade science education in those schools. Over 150 scholarships to school children and in higher education are managed annually.
- Charter President of Lions Club of Kathmandu Star (established 2002, District, 325A-1).

## PROFESSIONAL MEMBERSHIPS

<b>Founder Member (Life Member)</b>	Nepal Geological Society
<b>Honorary Fellow</b>	Nepal Geological Society
<b>Honorary Fellow, Fellow Member</b>	Geological Society of America
<b>Member</b>	American Geophysical Union
<b>Member</b>	Geological Society of India
<b>Member</b>	International Association for Engineering Geology and the Environment (IAEG)

## NATIONAL AWARDS and HONOURS

- Honorary Member of Nepal Geological Society (2015) (the highest honour given by the Society for lifetime achievement and contribution in the geoscience research in the Himalaya-Tibet region).
- Suprabal Gorkha Dakshin Bahu (1996).
- Mahendra Vidhya Bhusan Class ‘A’ (1980).
- Mahendra Vidhya Bhusan Class ‘B’ (1973).
- Natural Disaster Relief Medal (1998).

## INTERNATIONAL AWARD

Honorary Fellowship Award, Geological Society of America Award (2018)

Fellowship Award, Geological Society of America (2020)

The C.N. R. Rao Prize for Scientific Research (Nov. 2015) Awarded by The World Academy of Sciences (TWAS), Italy.

Australian Leadership Award Fellowship (2008)

Endeavour Award Fellowship, Australia (2011)

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**Citations:** over 7100

## KEYNOTE/SPECIAL/INVITED LECTURES

### ***Key Note:***

- Key note speech on “Evaluation of the future seismic hazards in Nepal and need for establishment of an Earthquake Early warning system” at the 35<sup>th</sup> Himalaya-Karakorum Workshop, Pokhara, Nepal (4 Dec. 2022).
- Key note speech at the Seventh Nepal Geological Congress, Kathmandu, Nepal (2015).
- Keynote speech on “The Engineering geology for developing countries: Experience from the Nepal Himalaya” at the four-yearly Congress of the International Association for the Engineering Geology and the Environment (IAEG Congress) held at Durban, South Africa, (Sept 2002).

### ***Invited lectures:***

- Invited lecture series for students: “*Himalayan geology and tectonics*” for students. AGH University of Science and Technology, Department of General Geology and Geotourism, under Erasmus+Program (February 2023).
- An overview of the Geology and tectonics of the Nepal Himalaya with a note on the seismic hazard Assessment, Institute of Earth Sciences, University of Lausanne, Switzerland. (April 12, 2022).
- An overview of the Seismic Hazard in Nepal and an outline of the proposed Earthquake Early Warning system (EEW) under NAST Exploring the prospect for collaboration with SED/ETH (13 April 2022).
- Stratigraphy and Tectonics of the Nepal Himalaya, and A note on the seismotectonics and proposed Earthquake Early Warning System. on Università’ di Milano-Bicocca, Department of Earth and Environmental Sciences (May 27, 2022).
- Tectonics, seismicity and way forward in reducing seismic hazard in the Nepal Himalaya. Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Beijing, China (Nov. 15, 2019).
- Gorkha Earthquake 2015, Nepal: Present knowledge and future research direction". Geological Society of America Annual Meeting, Baltimore, USA (Nov, 2015).
- Seismotectonics of the Nepal Himalaya and the Gorkha earthquake-2015. Peking University, Beijing, China (Sept, 2015).
- Seismotectonics of the Nepal Himalaya and the Gorkha earthquake-2015. Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Beijing, China (Sept, 2015).
- Seismotectonics of the Nepal Himalaya and the Gorkha earthquake-2015. Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing, China (Sept, 2015).
- Seismotectonics of the Nepal Himalaya and the Gorkha earthquake-2015. Chinese Academy of Geological Sciences, Beijing, China (Sept, 2015).
- Geology and Tectonics of the Nepal Himalaya. Department of Earth and Space Science, Peking University, China (Sept., 2012).
- Shrinking glaciers of the Himalaya, at Mountain Research Institute, Shinshu University, Matsumoto, Japan (Dec, 2012).
- Landslides in the Nepal Himalaya: Some aspects of causes, hazard and risk at University of Paris VI, Paris, France (Oct., 2009).
- Active faults in Nepal and their significance in the Himalayan tectonics at the university of Grenoble, Grenoble, France (Nov., 2009).
- Active faults in Nepal: their significance in the Himalayan tectonics at IGP/ University of Paris VII, Paris France (Dec. 2009).
- Landslides and soil erosion in the Nepal Himalaya: Mass wasting process on a grand scale” at CRPG, CNRS, Nancy, France (Dec., 2009).
- Active tectonics of the Nepal Himalaya at the University of Vienna, Austria (Nov., 2009).
- Earth sciences and disaster management” for the “Visionary Lecture Series as a part of the Platinum Jubilee Celebration of Indian Statistical Institute, Kolkata, India, (2008).

- Solid Waste management in the Kathmandu Metropolitan City: A case study in a LDAC” at the School of civil Engineering, Asian Institute of Technology (AIT), Bangkok, Thailand (February, 2005).
- Science of earthquake and recent Tsunami disaster in Asia. Department of Civil Engineering, Khulna University of Engineering and Technology, Khulna, Bangladesh (January, 2005).
- Engineering Geology at the School of civil Engineering, Asian Institute of Technology (AIT), Bangkok, Thailand on “Geology and geomorphology of the Nepal Himalaya: their bearing on the engineering geological problems (March, 2004).
- Engineering Geological problems in the Nepal Himalaya at the Swiss Federal Institute of Technology (ETH), Zurich, Switzerland (14<sup>th</sup> January 2003).
- The geology of the Nepal Himalaya-recent advances at the University of Arizona, Tucson, US (23<sup>rd</sup> January 2003).
- Invited lecture on the “Geology of Nepal-recent advances at the Wadia Institute of Himalayan Geology, Dehra Dun, India, (Oct. 2003).
- Natural hazards in the Nepal Himalaya” at the 89<sup>th</sup> Indian Science Congress- Geology Section on Lucknow, India, (2002).
- Series of Invited lectures in Geological Society of India, Bangalore, and Department of Geology of Karnatak, Mysore and Bangalore Universities, India (2001).
- the “Stratigraphy and Tectonics of the Nepal Himalaya: Recent Advances in the 15<sup>th</sup> Himalaya-Karakorum-Tibet International Workshop, in Chengdu, China (21 April, 2000).
- Delivered a series of lectures on various topics on Geology and engineering geology on invitation by the Geological departments of Shimane University, Matsue Japan (3<sup>rd</sup> Feb., 1999), Kyushu University, Fukuoka, Japan (8<sup>th</sup> February, 1999) and Department of Geography, Hiroshima University, Japan (March, 12, 1999).
- In addition to the above invited/key note lectures, attended and presented research papers on geology, engineering geology and natural hazards in a large number of international and national seminars, conferences and workshops.

#### **TRAININGS/RESEARCH/PARTICIPATION IN GEOLOGICAL HAZARDS AND DISASTER MANAGEMENT**

- Attended the **training program “Pandemic Preparedness and Health Disaster Management”** at Queensland University of Technology Under the Australian Leadership Award Fellowship Program, 25 Aug.-28 Nov., 2008
- Participated in the **30<sup>th</sup> Regional Disaster Management Course (DMC-30)** organized by the Asian Disaster preparedness Center (ADPC), AIT, Thailand (2003)
- Rapid Environmental impact assessment in Disasters.
- Attended the **School and the symposium on the active fault study**, Hokudan, Japan (17-26 Jan, 2000)
- Attended the course on **Analysis and Management of Geological Risks** organized by the Centre for Study of Geological Risks (CERG), University of Geneva, Switzerland (4 May to 18 June 1992).
- Attended the training course in **Engineering Geology** (Dam site investigation) in West Japan Engineering Consultant’s Inc., Fukuoka, Japan under the Technical Training Aid Program of Fukuoka Prefecture Government of Japan (1985).
- Participated in the **Short-Term Institute in Structural Geology** (Oct.26-Nov.14, 1976) organized by the M.S. University of Baroda, Baroda, India.
- Training on “Session de formation aux Premiers Secours” conducted by Federation Francaise de Sauvetage Secourisme. 2002.
- Participation in INSARAG Asia-Pacific Regional Earthquake Response Simulation Exercise, Kathmandu, Nepal (21-24 April, 2009)
- RedR India Training on Rapid Environmental Impact Assessment in Disasters and Training of Trainers (5-9 December, 2005, Kathmandu, Nepal).
- Attended the symposium on Seismology, Earthquake hazard assessment and Risk management and Asian Seismological Commission (24-26 November, 2002), Kathmandu, Nepal

- Attended the course in Australian Inter-Service Incident Management System (AIIMS) 21588VIC conducted by Queensland Fire and Rescue Service National Provider No. 1499, 2008.
- Attended the second meeting/Workshop of the network project: Seismic hazard in Asia (March 31-April 11, 2008), Bangalore, India.
- Attended the meeting for Establishment of the International Universities Search and Rescue Council and the Seminar workshop (24-27 April, 2012), Turkish Republic of Northern Cyprus.

## **PUBLICATIONS**

### **Books**

1. Yoshida, M, Ulak, P.D. and **Upreti, B.N.** (Eds), 2023. Geology and natural hazards along Kaligandaki and Highways -Kathmandu-Pokhara-Butwal-Mugling (Guidebook for student Himalayan exercise tour in Nepal, 2<sup>nd</sup> eds). GIGE Miscellaneous Publication No. 41.
2. Yoshida, M., **Upreti, B.N.** and Rai S.M., 2011 (Eds). Guide Book for Himalayan trekkers, Series No 2. Trekking in the Everest Region, Eastern Nepal. Department of Geology, Tribhuvan University, Kathmandu, 192 p.
3. Yoshida, M., **Upreti, B.N.**, Bhattarai, T.N. and Dhakal, S., 2005 (Eds). Natural disaster mitigation and issues of technology transfer in south and southeast Asia- Proceedings of the JICA Regional Seminar, Kathmandu.
4. **Upreti, B.N.**, Dhital, M.R., 1996. Landslide studies and management in Nepal. International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, 87p.
5. **Upreti, B.N.** and Yoshida, M., 2005 (Eds). Guidebook for Himalayan Trekkers: Geology and natural hazards along the Kaligandaki Valley, Nepal. Department of Geology, Tri-Chandra Campus, Tribhuvan University, Kathmandu, 165 p.
6. Tianchi, Li, Chalise, S.R., and **Upreti B.N.**, 2001 (Eds). Landslide Hazard Mitigation in the Hindu Kush-Himalayas. International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, 312 p.
7. P. Le Fort and **B.N. Upreti** (Eds). 1999. Geology of the Nepal Himalayas: Recent Advances Special Issue of the Journal of Asian Earth Sciences, v. 17.
8. Sharma, M.P., **Upreti, B.N.** and Yoshida, M. (editors), 1986. Database in Himalayan geoscience (part I). Bull. Dept. Geol., Tribhuvan Univ. v.1(1) 198p. Nepal.

### **Reports & Legislation (lead author or significant contributor)**

1. National Act on Disaster Management in Nepal, Prepared for National Government of Nepal. (2007).
2. Disaster management plans for three districts in Nepal (2007).
3. The nexus between natural disasters and development: key policy issues in meeting the millennium development goals and poverty alleviation. Economic Policy Network policy paper 27. Report prepared for Economic Policy Network, Government of Nepal and Asian Development Bank (2006).
4. Preparation of the Emergency Preparedness Plan for CARE Nepal (an international NGO working in Nepal) (2006)
5. Improvement in the governance and the assessment of existing coping mechanism in Disaster management in the Matatirtha VDC, Kathmandu (2006).

### **AUTHOR/RESOURCE PERSON IN PROJECTS ON DISASTER MANAGEMENT**

9. Report on: The nexus between natural disasters and development: key policy issues in meeting the millennium development goals and poverty alleviation. Economic Policy network Policy paper 27. 2006. Report prepared for Economic Policy Network, Government of Nepal and Asian Development Bank, Nepal "Resident Mission (2006).
10. Preparation of the Emergency Preparedness Plan (EPP) for CARE Nepal (an international NGO working in Nepal) (2006)
11. Report on: Improvement in the governance and the assessment of existing coping mechanism in Disaster management in the Matatirtha VDC, Kathmandu (2006).
12. Drafting of the National Act on Disaster Management in Nepal (2007).
13. Preparation of the Disaster Management Pan of three districts in Nepal (2007).
14. Evaluator of disaster management projects in Nepal conducted by Save the Children, an international NGO.
15. Contributor/Editor: Nepal Disaster Report-2010-2011. Published by DPNet (Disaster Preparedness Network-Nepal), Nepal.

**Research publications**

1. Girault, F., France-Lanord, C., Adhikari, L.B, **Upreti, B.N.**, and 9 others, 2023. Crustal Fluids in the Nepal Himalaya and Sensitivity to the Earthquake Cycle. In: Himalaya- Dynamics of a Giant 3- Current activity of the Himalayan Range. Coordinated by Rodolphe Cattin, Jean-Luc Epard. ISTE Ltd and John Wiley & Sons, Inc. pp. 239-261
2. Girault, F., France-Lanord, C., Adhikari, L.B, **Upreti, B.N.**, and 19 others, 2023. Overview of Hydrothermal Systems in the Nepal Himalaya. In: Himalaya-Dynamics of a Giant 1- Geodynamic Setting of the Himalayan Range. Coordinated by Rodolphe Cattin, Jean-Luc Epard. ISTE Ltd and John Wiley & Sons, Inc. pp. 225-254.
3. Kurashimo, E., Sato, H., Sakai, S., Hirata, N., Gajurel, A.P., Adhikari, D.P., Subedi, K.P., Yagi, H., and **Upreti, B.N.**, 2019. [The 2015 Gorkha earthquake: earthquake reflection imaging of the source fault and connecting seismic structure with fault slip behavior](#) . Geophysical Research Letters, v. 46, pp. 3206-3215. DOI:10.1029/2018GL081197.
4. Yoshida, M., Arita, K., Sakai, T. and **Upreti, B.N.**, 2019. Japan-Nepal joint student Himalayan exercise program 7 years. Universal Journal of Geosciences, v. 7(1), pp. 15-30.
5. Yoshida, M., Gehrels, G.E., **Upreti, B.N.**, and Rai, S.M., 2019. Early Paleozoic zircon ages of the Higher Himalayan Gneisses of the Everest region and their Pan-African/Proto-Himalayan orogenic signature. Jr. Nepal Geol. Soc., 59, 107-124. <https://doi.org/10.3126/jngs.V.59.i0.24996>.
6. **Upreti, B.N.**, 2017. Causes, Consequences and future earthquake disasters in Nepal-insights from the 2015 Gorkha Earthquake. International Disaster Management Symposium and National Disaster Management Workshop, 25-27 April, 2017., organised by the Turkish Republic of Northern Cyprus Civil Defence Organization, ISBN: 524-5796-884-32-7pp 119-138.
7. Mugnier, J-L, Jouanne, F., Bhattarai, R. R., Cortes-aranda, J., Gajurel, A., Leturmy, P., Robert, X., **Upreti, B.N.** and Vassallo, R., 2017. Segmentation of the Himalayan megathrust around the April 25th 2015 Nepal earthquake: structural geology as a tool for seismic hazard assessment. Journal of Asian Earth Sciences, <http://dx.doi.org/10.1016/j.jseae>.
8. Miyake, H., Sapkota, S.M., Upreti, B.N., Bollinger, L., and Kobayashi, T., 2017. Special Issue, Earth, planets and Space. P.1-2. DOI: 10.1186/s40623-016-0597-8.
9. Rai, S.M., **Upreti, B.N.**, Dhakal, S., Bhattarai, T.N., Adhikari, B.R., Bajracharya, S.R., and Yoshida, M., 2017. Climate change impact on glacier retreat and local community in Langtang Valley, Central Nepal. Journal of Development Innovations, v. 1 (1), pp. 45-59.
10. Rai, S.M., Yoshida, M., Upreti, B.N., Ulak, P.D., and Bhattarai, T.N., 2017. Geology of the Lesser Himalaya and Higher Himalayan sequences along the Bhotekoshi River section between Syabru Besi and Rasuwa Gadhi (Nepal-Chana border) area, central Nepal Himalaya. Bulletin of Nepal Geological Society, v. 34 p. 65-73.
11. Mencin,D., Bendick, B., **Upreti, B.N.**, Adhikari, D.P., Gajurel, A.P., Bhattarai, R.R., Shrestha, R.H., Bhattarai, T.N., Manandhar, N., Galetzka,J., Knappe, E., , Pratt-Sitaula, B., Aoudia, A.and Bilham, R., 2016. Himalayan strain reservoir inferred from limited afterslip following the Gorkha earthquake. **Nature Geoscience**, 2016 | DOI: 10.1038/NCEO2734.
12. Gualandi, A., Avouac, J.-P., Galetzka, J., Genrich, J.F., Adhikari, L.B., Koirala, B., Gupta, R., **Upreti, B.N.**, Pratt-Sitaula, B. and Liu-Zeng, J., 2016. Pre- and post-seismic deformation related to the 2015, Mw7:8 Gorkha Earthquake, Nepal. Tectonophysics. <http://dx.doi.org/10.1016/j.tecto.2016.06.014>.
13. Kumahara, Y., Chamlagain, D. and **Upreti, B.N.**, 2016. Geomorphic features of active faults around the Kathmandu Valley, Nepal and no surface evidence of surface rupture associated with the 2015 Gorkhaearthquake along the faults. [Earth, Planets and Space](#) volume 68, Article number: 5. <https://doi.org/10.1186/s40623-016-0429-x>
14. **Upreti, B.N.**, Yoshida, M. 2015. 2015 Gorkha Earthquake, Nepal and the resulting damages.
15. Stephen Angster, Eric J. Fielding, Steven Wesnousky, Ian Pierce, Deepak Chamlagain, Dipendra Gautam, **Bishal Nath Upreti**, Yasuhiro Kumahara, and Takashi Nakata, 2015. Field Reconnaissance after the 25 April 2015, M 7.8 Gorkha Earthquake. Seismological Research Letters V.ol. 86, No. (6 ) p. 1506-1513.
16. John Galetzka, Diego Melgar, Joachim F. Genrich, Jianghui Geng, Susan Owen, Eric O. Lindsey, Xiaohua Xu, Yehuda Bock, Jean-Philippe Avouac, Lok Bijaya Adhikari , **Bishal Nath Upreti**, Beth Pratt-Sitaula, Tara Nidhi Bhattarai, Bhairab P Sitaula, Angelyn Moore, Kenneth W. Hudnut, Walter Szeliga, Jim Normandeau, Michael Fend<sup>1</sup> Mireille Flouzat, Laurent Bollinger, Prithvilal Shrestha, Bharat Koirala, Umesh Gautam, Mukunda Bhattarai, Ratnamani Gupta, Thakur Kandel, Chintan



- Timkina, Soma Nath Sapkota, Sudhir Rajaure, Naresh Maharjan, **2015**. Slip pulse and resonance of Kathmandu basin during the 2015 Mw 7.8 Gorkha earthquake, Nepal imaged with geodesy. **Science**, September, Vol 349 Issue 6252.
17. Guillot, S., Garcon, M., Weinman, B., Gajurel, A., Tisserand, D., France-Lanord, Geen, A.V. Chakraborty, S., Huyghe, P., **Uprei, Bishal Nath**, Charlet, L. , **2015**. Origin of arsenic in Late Pleistocene to Holocene sediments in the Nawalparasi district (Terai, Nepal). *Environ Earth Sci*, DOI 10.1007/s12665-015-4277-y
  18. Webb, A. and **Uprei, B.**, **2014**. Structural and Metamorphic Traverse across the northwestern Kathmandu Nappe, central Nepal. In: (Eds.) Chiara Montomoli, Rodolfo Carosi, Rick Law, Sandeep Singh, and Santa Man Rai, Geological field trips in the Himalaya, Karakoram and Tibet, *Journal of the Virtual Explorer, Electronic Edition, ISSN 1441-8142, volume 47, paper 6*, DOI: 10.3809/jvirtex.2014.00338, p.1-17.
  19. Mugnier, J.-L. Gajurel , A.P. Huyghe , P, Jayangondaperumal, R., Jouanne F. , **Uprei, B.**, **2013**. Structural interpretation of the great earthquakes of the last millennium in the central Himalaya *Earth-Science Reviews* 127 (2013) 30–47.
  20. Sakai, H, Iwano, H., Danhara, T., Takigami, Y., Rai,S.M., **Uprei, B.N.**, and Hirata, T. **2013**. Rift-related origin of the Paleoproterozoic Kuncha Formation, and cooling history of the Kuncha nappe and Taplejung granites, eastern Nepal Lesser Himalaya: a multichronological approach. *Island Arc*, doi:10.1111/iar.12021p. 1-23.
  21. Mugnier, J.L., Huyghe, P., Gajurel, A.P., **Uprei, B.N.**, and Jouanne, F. **2011**. Seismites in the Kathmandu basin and seismic hazard in central Himalaya, *Tectonophysics*, 509, p. 33–49
  22. Rai. S.M, Uprei, B.N., Parris, R., Copeland, P., Le Fort, P, **2011**. U-Pb ages of the Nardanda Pegmatite of the Kathmandu Crystalline Nappe and augen gneisses of the Gosainkund Crystalline Nappe, central Nepal Himalaya. *Jour. Nepal Geol. Soc. V. 43*, pp.37-44.
  23. Yoshida, M, and Uprei, B.N., 2011. Review of detrital zircon ages and Sm-Nd isotopic data from Himalaya–support to the Mesoproterozoic formation of east Gondwana. *Jour. Nepal Geol. Soc. V. 43*, pp.29-36.
  24. Girault, F., Gajurel, A. P., Perrier F., **Uprei, B.N.**, Richon, P., **2011**. Radon emanation of heterogeneous basin deposits in Kathmandu Valley, Nepal. *Journal of Asian Earth Sciences*, v. 40, p. 595–610.
  25. Rai, S.M., Yoshida, M., **Uprei, B.N.**, Bhattarai, T.N., Ulak, P.D., and Koirala, M.P., **2010**, Geology of the Everest Area, Eastern Nepal Himalaya. In: *Contemporary research in Sagarmatha (Mt. Everest) Region, Nepal*, Eds. P.K. Jha and Khanal, I.P., pp. 45-55.
  26. Sunuwar, S.C., **Uprei, B.N.** and Glawe, U., **2010**. An overview of bimrocks and related engineering geological problems in the Nepal Himalaya. *Journal of Nepal Geological Society*, v. 40, pp. 61-68.
  27. **Uprei, B.N.**, **2010**. Impact of natural disasters on Development of Nepal. In: *Disasters and Development -Investing in sustainable development of Nepal*. Eds. Bhandary, N.P. and Subedi J.K.. Vajra Publications, Kathmandu, Nepal. ISBN: 978-9937-506-54-0.
  28. **Uprei, B.N.** and Yoshida, M., **2009**. Seismic Hazard and Mitigation Activities in Nepal - with Emphasis on Kathmandu Valley. *Journal of South Asia Disaster Studies, Journal of the SAARC Disaster Management Centre. v. 2, n.1*
  29. Pratt-Sitaula, B.A., **Uprei, B.N.**, Melbourne, T., Miner, A., Parker, E., Rai, S., Bhattarai, T.N., **2009**. Applying geodesy and modeling to test the role of climate-controlled erosion in shaping Himalayan morphology and evolution. *Himalayan Geology*, v. 30, n. 2, p. 123-131.
  30. Van Geen A., Radloff K., Aziz Z., Cheng , Z., Huq , M.R. Ahmed , K.M., Weinman , B., Goodbred , S., Jung, H.B., Zheng , Y., Berg, M., Trang, P.T.K., Charlet, L., Metral, J., Tisserand, D., Guillot, S., Chakraborty, S., Gajureli, A.P., **Uprei, B.N.**, **2008**. Comparison of arsenic concentrations in simultaneously-collected groundwater and aquifer particles from Bangladesh, India, Vietnam, and Nepal. *Applied Geochemistry* v. 23, p. 3244-3251.
  31. **Uprei, B.N.**, Kumahara, Y. and Nakata, T., 2007. Paleoseismological study in the Nepal Himalaya – present status. *Proceedings of the Korea-Nepal Joint symposium on slope stability and landslides April, 1, 2007*, p. 1-9.
  32. Sakai, Harutaka, Sakai, Hideo, Yahagi, W., Fijii, R., Hayashi, T. and **Uprei, BN**, **2006**. Pleistocene rapid uplift of the Himalayan frontal ranges recorded in the Kathmandu and Siwalik basins. *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 241, p. 16-27.

33. Yoshida, M., **Upreti, B. N.**, DeCelles, P. G., Gehrels, G. E. and Ojha, T. P., **2006**. Basement history and provenance of the Tethys sediments of the Himalaya: an appraisal based on recent geochronologic and tectonic data. *Bulletin of the Tethys Geological Society, Cairo*, v. 1, p. 1-6
34. Gehrels, G.E., DeCelles, P.G., Ojha, T.P. and **Upreti, B.N.**, **2006**. Geologic and U-Pb geochronologic evidence for early Paleozoic tectonism in the Kathmandu thrust sheet, central Nepal Himalaya. *Geological Society of America Bulletin*, v. 118, n. 1-2, p. 185-198).
35. Gehrels, G.E., DeCelles, P.G., Ojha, T.P. and **Upreti, B.N.**, **2006**, Geologic and U–Pb geochronologic evidence for early Paleozoic tectonism in the Dadeldhura thrust sheet, far-west Nepal Himalaya, *Journal of Asian Earth Sciences*, v. 28, 385–408
36. Sakai, T., Takagawa, T., Gajurel, A., Tabata, H., Ooi, N., and **Upreti, B.N.**, **2006**. Discovery of sediments indicating rapid lake-level fall in the late Pleistocene Gokarna Formation, Kathmandu Valley, Nepal: Implication for lake terrace formation. *Quaternary Research*, v. 45, p. 99-112.
37. **Upreti, B.N.** and Sakai, H., **2006**. Uplift history of the Himalaya and its implication on climate change. *Proceedings of the Shinshu University International Symposium 2006: Mountainous Environment – Past, present and future*. 22-23 November, 2006, Matsumoto, Japan. P. 7-12.
38. Thapa, P.B., Esaki, T., and **Upreti, B.N.**, **2006**. GIS-Based modelling of landslide and debris flow hazard in mountainous terrain of Agra Khola watershed, Central Nepal. *Journal of Nepal Geological Society*, Vol.34, p.117-128.
39. Yoshida, Y. and **Upreti, B.N.**, **2006**. Neoproterozoic India within East Gondwana: Constraints from recent geochronologic data from Himalaya. *Gondwana Research* v. 10, p. 349-356.
40. **Upreti, B.N.**, **2005**. Causes and characteristics of natural hazards in Nepal. In: *Natural disaster mitigation and issues of technology transfer in south and southeast Asia- Proceedings of the JICA Regional Seminar, Kathmandu* (eds. M. Yoshida, B.N. Upreti, T.N. Bhattarai and S. Dhakal), pp. 9-24.
41. **Upreti, B.N.**, Glawe, U., **2005**. Engineering Geology in the Nepal Himalaya: Prospects for German-Nepal Cooperation. *Proceedings of the 15<sup>th</sup> Conference on Engineering Geology. Forum for young engineering geologists*, 6-9 April, 2005, Erlangen-Nurnberg, Germany.
42. **Upreti, B.N.**, **2005**. Natural disasters in Nepal: Its impact on infrastructure development. *Proceedings of the international conference on Disaster Management: Achievements and challenges*, 18-20 Nov. 2005, Kathmandu, Nepal. P. 112 -121.
43. Bhattarai, T.N., Yoshida, M., **Upreti, B.N.**, Rai, S.M., Ulak, P.D., Gajurel, A.P., Dhakal, S., Dahal, R.K., **2005**. Impact of mass movements on stability of suspended bridges along Kaligandaki River, Nepal. *Abstract volume, Fifth Asian regional conference, Kathmandu, Nepal, Jour. Nepal Geol. Soc. V. 32*, pp.40.
44. Bhattarai, T.N., Yoshida, M., **Upreti, B.N.**, Rai, S.M., Ulak, P.D., Gajurel, A.P., Dhakal, S., Dahal, R.K. and Koirala, M.P., **2005**. Mass movement hazard along the main trail for Beni to Muktinath, central-west Nepal. In: *Natural disaster mitigation and issues of technology transfer in south and southeast Asia-Proceedings of the JICA Regional Seminar, Kathmandu* (eds. M.Yoshida, B.N. Upreti, T.N. Bhattarai and S. Dhakal), pp. 69-78.
45. Ulak, P.D., Yoshida, M, **Upreti, B.N.**, Gajurel, A.P., Rai, S.M., Bhattarai, T.N., Dahal, R.K. and Dhakal, S., **2005**. A short geological communication on Tethys Himalayan rocks of the Kaligandaki River section, central-west Nepal Himalaya. In: *Natural disaster mitigation and issues of technology transfer in south and southeast Asia-Proceedings of the JICA Regional Seminar, Kathmandu* (eds. M.Yoshida, B.N. Upreti, T.N. Bhattarai and S. Dhakal), pp. 57-63.
46. Dhakal, S., **Upreti, B.N.**, Yoshida, M., Bhattarai, T.N., Rai, S.M., Gajurel, A.P., Ulak, P.D., and Dahal, R.K., **2005**. Application of the SSPC system in some of the selected slopes along the trekking route from Jomsom to Kagbeni, central-west Nepal. In: *Natural disaster mitigation and issues of technology transfer in south and southeast Asia-Proceedings of the JICA Regional Seminar, Kathmandu* (eds. M.Yoshida, B.N. Upreti, T.N. Bhattarai and S. Dhakal), pp. 79-82.
47. Kohn, M.J., Wieland, M. S., Parkinson, C. D., and **Upreti, B. N.**, **2005**. Five generations of monazite in Langtang gneisses: implications for chronology of the Himalayan metamorphic core. *Journal of Metamorphic Geol.*, v. 23, pp. 399–406.
48. Rai, S.M., **Upreti, B.N.**, Yoshida, M., Bhattarai, T.N., Ulak, P.D., Dahal, R.K., Dhakal, S., Gajurel, A.P. and Koirala, M.P., **2005**. Geology of the Lesser and Higher Himalayan rocks of the Kaligandaki Valley, central-west Nepal. . In: *Natural disaster mitigation and issues of technology transfer in south and southeast Asia-Proceedings of the JICA Regional Seminar, Kathmandu* (eds. M.Yoshida, B.N. Upreti, T.N. Bhattarai and S. Dhakal), pp. 43-56.

49. Kohn, M.J., Wieland, M., Parkinson, C.D., and **Upreti, B.N., 2004**, Miocene faulting at plate tectonic velocity in the Himalaya of central Nepal: Earth and Planetary Science Letters, v. 228, p. 299–310.
50. Glawe, U. and **Upreti, B.N., 2004**, Better understanding the strength of serpentinite bimrock and homogeneous serpentinite. Felsbau (rock and soil Engineering), 22, Nr. 5/2004, pp. 53-60.
51. Chakrabarti, C.K., **Upreti, B.N.**, and Ghosh, A.K., **2004**. Geochemistry of the Ganesh Himal zinc-lead deposits, central Nepal Himalaya. Journal of Nepal Geological Society, V. 30, p. 39-54
52. Rai, S.M., Guillot, S., **Upreti, B.N.**, Pecher, A and Le Fort, P., **2004**. Mineral chemistry (biotite, muscovite, garnet, and plagioclase) in the Kathmandu and Gosainkund region, central Nepal Himalaya. Journal of Nepal Geological Society, V. 30, p. 55-66.
53. Gautam, T.P., Sonyok, D.R., **Upreti, B.N.**, Rai, S.M., and Sakai, H., **2004**. A preliminary engineering geological study in the northern part of the Taplejung Window, far eastern Lesser Nepal Himalaya. Journal of Nepal Geological Society. v. 29, p. 47-55.
54. Gehrels, G.E., DeCelles, P.G., Martin, A., Ojha, T.P., Pinhassi, G. and **Upreti, B.N., 2003**. Initiation of the Himalayan Orogen as an Early Paleozoic Thin-skinned Thrust Belt. GSA Today, September, p. 4-9
55. Garzione, C. N., DeCelles, P.G., Hodkinson D.G., Ojha, T.P. and **Upreti, B.N., 2003**. East-west extension and Miocene environmental change in the southern Tibetan Plateau: Thakkhola raben, central Nepal. Geological Society of America Bulletin, v. 115, no. 1. p. 3-20.
56. **Upreti, B.N.**, Rai, S.M., Sakai, H., Koirala, D.R. and Takigami, Y., **2003**. Early Proterozoic granite of the Taplejung Window, far eastern Lesser Nepal Himalaya. Jour. Nepal. Geol. Soc. v. 28, p. 9-18.
57. **Upreti, B.N.** and Le Fort, P. **1999**. Lesser Himalayan Crystalline Nappes of Nepal: Problems of their origin. Geol. Soc. Am. Bulletin, Special Issue. No.328, pp. 225-238.
58. Catlos, E.J., Harrison, T.M., Manning, C.E., Grove, M., Rai, S.M. Hubbard, M.S., and **Upreti, B.N., 2002**. Records of the evolution of the Himalayan orogen in situ Th-Pb ion microprobe dating of monazite: Eastern Nepal and western Garhwal. Journal of Asian Earth Sciences, v. 20, p. 459-479.
59. **Upreti, B.N., 2002**. Engineering geology for developing countries: Experience from the Nepal Himalaya. Proceedings: Ninth International Congress of the International Association for Engineering geology and Environment, 16-20 September, 2002, Durban, South Africa (Key note paper) (Eds. Rooy, J.L.V. and Jermy, C.A.) p. 3-23.
60. DeCelles, P. G., Robinson, D. M., Quade, J., Ojha, T. P., Garzione, C. N., Copeland, P., & **Upreti, B. N., 2001**. Stratigraphy, structure, and tectonic evolution of the Himalayan fold-thrust belt in Western Nepal. *Tectonics*, 20(4), 487-509. <https://doi.org/10.1029/2000TC001226>.
61. **Upreti, B.N., 2001**: Physiography and geology of the Nepal Himalaya and its bearing on the Landslide problem. In: Landslide hazard Mitigation in the Hindu Kush – Himalayas. International Centre for Integrated Mountain Development, ICIMOD, special publication (eds. Tianchi, Li, Chalise, S.R. and Upreti, B.N.), pp 31-49.
62. Sakai, T., Gajurel, A.P., Tabata, H. and **Upreti, B.N., 2001**. Small amplitude lake-level fluctuations recorded in aggrading deltaic deposits of the upper Pleistocene Thimi and Gokarna formations, Kathmandu Valley, Nepal Journal of Nepal Geological Society, V.25, 43-51.
63. Catlos, E.J., Harrison, T.M., Kohn, M.J., Grove, M., Ryerson, F.J., Manning, C.J. and **Upreti, B.N., 2001**. Geochronologic and Thermobarometric constraints on the evolution of the Main Central Thrust, central Nepal Himalaya Journal of Geophysical Research, v. 106, No. B\*, p. 16,177-16,204.
64. **Upreti, B.N., 2001**: Physiography and geology of the Nepal Himalaya and its bearing on the Landslide problem. International Centre for Integrated Mountain Development, ICIMOD, special publication, pp 31-49.
65. Sakai, H., Fujii, Rui, Kuwahara, Y, **Upreti, B.N.**, and Shrestha, S.D., **2001**. Core drilling of the basin-fill sediments in the Kathmandu Valley for paleo-climatic study-preliminary results. Journal of Nepal Geological Society, V. 25, 49-18.
66. **Upreti, B.N., 2001**. Earthquake and Earthquake hazard in Nepal. Bulletin of the Nepal Geological Society, V. 18, pp. 24-33.
67. **Upreti, B.N.**, Nakata, T., Kumahara, Y., Yagi, H., Okumura, K., Rockwell, T.K., Viridi, N.S., Maemolu, H., 2000. The latest active faulting in southeast Nepal. p. 533-536. In: Proceedings of the Hokudan International Symposium and School on Active Faulting (Active fault research for the New Millenium) (Eds. Okumura, K., Takada, K. and Goto, H, 606p.
68. Sikdel, A., Sakai, T., Ulak, P.D., Gajurel, A.P., and **Upreti, B.N., 2001**. Lithostratigraphy of the Siwalik Group, Karnali River section, far -west Nepal Himalaya. Jour. Nepal Geol. Soc. Vol. pp.

69. Ojha, T.P., Buttler, R.F., Quade, J., DeCelles, P.G., Richards, D. and **Upreti, B.N., 2000**. Magnetic polarity stratigraphy of the Neogene Siwalik Group at Khutia Khola, far-western Nepal. *Geological Society of America Bulletin*, v. 112 (3), p. 424-434.,
70. Humagain, I.R., Schetelig, K., Sharma, M.P., **Upreti B.N.** and Langer, M., **2000**. Slope stability analysis along the proposed Kathmandu-Hetauda Road with tunnel sections. *Journal of Nepal Geological Society* V. 22, pp. 187-200.
71. Gajurel, A.P., Huyghe, P., **Upreti, B.N.** and Mugnier, J.L., **2000**. Paleoseismicity in the Koteswar area of the Kathmandu Valley, Nepal, inferred from the soft sediment deformational structures. *Journal of Nepal Geological Society*, V. 22, pp. 547-556.
72. **Upreti, B.N., 1999**. An over view of the stratigraphy and tectonics of the Nepal Himalaya. (Eds.) P. Le Fort and B.N. Upreti: "Geology of the Nepal Himalayas: Recent Advances" *Journal of Asian Earth Sciences* (Special Issue edited by Le Fort and Upreti), v. 17, p. 577-606.
73. Humagain, I.R., Schetelig, K., Sharma, M.P., **Upreti, B.N.** and Langer, M., **1999**. Slope stability analysis with reference to the proposed Kathmandu Hetauda road with tunnel section International Symposium on engineering Geology, Hydrogeology and Natural Disasters with emphasis on Asia, Kathmandu, Nepal. Abstract volume, *Journal of Nepal Geological Society* (Special Issue). V. 20, p.18-19.
74. Rai, S.M., Guillot, S., Le Fort, P. and **Upreti, B.N., 1998**. Pressure-Temperature evolution in the Kathmandu and Gosainkund regions, Central Nepal. *Journal of Asian Earth Sciences*. V. 16, pp. 283-298.
75. DeCelles, P.G., Gehrels, G.E., Quade, J., Ojha, T.P., Kapp, P.A. and **Upreti, B.N., 1998**. Neogene foreland basin deposits, erosional unroofing, and the kinematic history of the Himalayan fold-thrust belt, Western Nepal. *Geol. Soc. Am. Bulletin*, v.110 (1), pp.2021.
76. Gajurel, A.P., Huyghe, P. France-Lanord, C., Mugnier, J.L., **Upreti, B.N.** and Le fort, P.,**1998**. Seismites in the Kathmandu basin, Nepal. *Journal of Nepal Geological Society*, *Journal of Nepal Geological Society*. V 18, pp. 125-134.
77. Humagain, I.R., Schetelig, K., Sharma, M.P., **Upreti, B.N.**, and Langer, M., **1997**. Deformation structures in central Nepal and their engineering geological significance. *Journal of Nepal Geological Society*, V.18, pp. 357-367.
78. Rai, S.M., Le Fort, P., and **Upreti, B.N., 1997**. Geology, Structure and metamorphism in Kathmandu and Gosainkund regions, central Nepal. *Journal of Nepal Geological Society* (special issue, abstract volume), V. 16, pp. 20-22.
79. **Upreti, B.N., 1996**. Stratigraphy of the western Nepal Lesser Himalaya: A synthesis. *Journal of Nepal Geological Society*.V.13, pp. 11-28
80. Katel, T.P., **Upreti B.N.** and Pokharel, G.S., **1996**. Engineering properties of fine-grained soils of Kathmandu valley, Nepal. *Journal of Nepal Geological Society*, V. 14 (special issue), pp. 121-138.
81. Gautam, P. **Upreti, B.N.** and Arita K., **1995**. Paleomagnetism and petrochemistry of the Dowar Khola volcanics, Central Nepal Sub-Himalaya. *Journal of Nepal Geological Society*, V.11, Sp. Issue, pp.179-195.
82. Khosla, S.C., **Upreti B.N.** and Corvinus, G., **1995**. A note on the occurrence of fresh water ostracods in the Siwalik Group of Surai Khola section, western Nepal. *Journal of Nepal Geological Society* , *Journal of Nepal Geological Society* .V.11, Sp. Issue, pp.197-202.
83. **Upreti, B.N. 1994**. An introduction to the geological framework of Nepal. *Manual on Landslide studies*. Water induced Disaster Prevention technical Centre (DPTC), Special publication, Kathmandu. Nepal.
84. Dangol, V., **Upreti, B.N.**, Dhital, M.R., Wagner, A. Bhattarai, T.N., Bhandari, A.N., Pant, S.R. and Sharma, M.P. **1993**. Engineering geological study of a proposed road corridor in eastern Nepal. *Bull Dept. geol. Tribhuvan Univ. proc. Workshop Geoscience:in Mountain environment and infrastructural development*, V.3. No.1, Spec. issue, 91-107. Nepal.
85. Shrestha, R.M., Rao, G.K., Sharma, M.P. and **Upreti, B.N. 1992**. Genesis and distribution of kaolin deposits in Palung -Daman area, central Nepal Himalaya. *Bull. Dept. Geol. Tribhuvan Univ.* V 2, No1, 149-156.
86. Dhital, M.R., **Upreti, B.N.**, Dangol, V., Bhandari, A.N. and Bhattarai, T.N., **1991**. Engineering geological methods applied in mountain road survey -an example from Baitadi-Darchula road project (Nepal). *Journal of Nepal Geological Society*, V.7, 49-67.
87. **Upreti, B.N., 1990**. An outline geology of far western Nepal Himalaya. *Journal of Himalayan Geology*, V.1, 93-102, India.

88. Tokuoka, T., Takeda, S., Yoshida, M. and **Upreti, B.N.**, 1988. The Churia (Siwalik) Group in the western part of the Arung Khola area, west central Nepal. Memoire of the Faculty of Science, Shimane Univ.V22,131-140. Japan
89. Le Fort, P., Cuney M., Deniel, C. France-Lanord C., Sheppard, S.M.F., **Upreti, B.N.** and Vidal, P., 1987. Crustal generation of the Himalayan leucogranites. Tectonophysics. V.134, 39-57. Netherlands
90. Le Fort, P., Pecher, A. and **Upreti, B.N.**, 1986. A section through the Tibetan Slab in central Nepal (Kali Gandaki Valley): Mineral chemistry and thermobarometry of the Main Central Thrust Zone. Sci. de la Terre, Mem.47, 211-228. Paris, France
91. Sharma, M.P., Upreti, B.N. and Yoshida, M. (editors), 1986. Database in Himalayan geoscience (part I). Bull. Dept. Geol., Tribhuvan Univ. v.1(1) 198p. Nepal.
92. Kansakar, D.R., Sharma, T., **Upreti B.N.**, Vashi, N.M. and Merh, S.S., 1982. Terraced plains of central Nepal midlands: typical examples of Neotectonic landsorms. In: Himalaya: Landforms and processes (eds., Verma and Saklani), 133-155, India.
93. **Upreti, B.N.**, 1982. Petrography of sandstones of Sirkang area (Parbat district), central west Nepal Himalaya. Journal of Nepal Geological Society, V. 2, 9-15.
94. **Upreti, B.N.**, Sharma, T. and Merh, S.S., 1980. Structural geology of Kusma-Sirkang section of Kali Gandaki valley and its bearing on the tectonic framework of Nepal Himalaya. Tectonophysics, V 62, 155-164. Netherlands.
95. Sharma, T., **Upreti, B.N.** and Vashi, N.M., 1980. Kali Gandaki gravel deposit of central Nepal: their neotectonic significance. Tectonophysics, V.62, 127-139. Netherlands
96. **Upreti, B.N.**, Shringarpure, D.M. and Merh, S.S., 1980. Stromatolites from Kali Gandaki Valley section, central west Nepal: their age, correlation and paleoenvironmental interpretations. Geological Survey of India Miscellaneous publicaitons, V.44, 255-266. India.
97. **Upreti, B.N.** and Merh, S.S., 1979. Intraclastic dolomite of Kali Gandaki valley (central west Nepal) and its paleoenvironmental significance. Himalayan Geology, V.9(2), 589-602., India.
98. **Upreti, B.N.** and Merh, S.S., 1978. Geology of the area around Bhoksing-Sirkang section of the Kali Gandaki valley in central west Nepal. Himalayan Geology V 8(2), 797-812. India.

## MEDIA MENTIONS

1. [https://www.eurekalert.org/pub\\_releases/2015-11/t-nsb111815.php](https://www.eurekalert.org/pub_releases/2015-11/t-nsb111815.php)
2. <https://www.irishtimes.com/news/world/nepal-monsoon-poses-risk-of-landslides-and-floods-1.2210727>
3. <https://cdkn.org/2015/03/feature-ipccs-fifth-assessment-report-findings-shared-nepal/?loclang>
4. <https://www.asianscientist.com/2015/11/topnews/nepali-scientist-bishal-upreti-2015-c-n-r-rao-prize-winner/>
5. <https://www.japantimes.co.jp/news/2015/05/13/asia-pacific/nepal-quakes-monsoon-poses-risk-landslides-floods/#.XtUW0S4zY2w>
6. <https://www.abc.net.au/news/2015-05-13/threat-of-more-landslides-floods-in-nepal-after-quakes/6465848>
7. <https://www.youtube.com/watch?v=lvgtiakcsco>
8. <https://www.youtube.com/watch?v=euzjzigfun8&fbclid=iwar0k2bn5hjf5fknholvsnkwwcpsy1dulpk9g-sveu6hdoeafaoam3lfguy>
9. <https://twas.org/article/bishal-upreti-nepal-wins-cnr-rao-prize>
10. <https://lib.iciYuytubemod.org/record/7477>
11. <https://worldscienceforum.org/participants/upreti-bishal-nath-33661>
12. <https://www.youtube.com/watch?v=EuzJZiGFun8>
13. <https://www.sit.edu/story/sit-nepal-geosciences-co-founder-dr-bishal-upreti-receives-geological-society-of-america-award/>
14. <https://worldscienceforum.org/participants/upreti-bishal-nath-33661>
15. <https://anchor.fm/cin4/episodes/Episode-41--Sajha-Nepal-2078-03-05-e132rbu>
16. <https://www.youtube.com/watch?v=DuybIe0w-7Q> (Moving mountain- the awakening)
17. <https://www.youtube.com/watch?v=SQGIVHNzIIU>
18. <https://www.youtube.com/watch?v=4xSU-fvp9S4>
19. [https://www.youtube.com/watch?v=orhuYPE9f\\_k#bottom-sheet](https://www.youtube.com/watch?v=orhuYPE9f_k#bottom-sheet)

20. <https://youtu.be/n7PPSqoHnfs?si=wZb0qUHjdwRHN03p>
21. [https://www.gothalokhabar.com/news/detail/135543/?fbclid=IwZXh0bgNhZW0CMTEAAAR2gGBnzCLEs-H5QGWHVVP1g6adRwRhHXUOETbfa0TG6rYcSt0032hNm1yo\\_aem\\_XzwnnnXR771TDTTxaKOsaw](https://www.gothalokhabar.com/news/detail/135543/?fbclid=IwZXh0bgNhZW0CMTEAAAR2gGBnzCLEs-H5QGWHVVP1g6adRwRhHXUOETbfa0TG6rYcSt0032hNm1yo_aem_XzwnnnXR771TDTTxaKOsaw)