

REFERENCES

- ADB (Asian Development Bank) and ICIMOD (International Centre for Integrated Mountain Development). 2006. *Environment Assessment of Nepal: Emerging Issues and Challenges*. Kathmandu. <https://lib.icimod.org/record/7410>
- Agrawala, S., V. Raksakulthai, M. van Aalst, P. Larsen, J. Smith, and J. Reynolds. 2003. *Development and Climate Change in Nepal: Focus on Water Resources and Hydropower*. Paris: Organisation for Economic Co-operation and Development. <https://www.oecd.org/env/cc/19742202.pdf>
- Assembly (Assembly of Chamunda Vindraseni Nagarpalika). 2019. Bill to Make Provisions on the Conservation of Aquatic Animals and Aquatic Biodiversity of Chamunda Vindraseni Nagarpalika.
- Bajracharya, S. R., P. Mool, and S. P. Joshi. 2002. "Spatial Database Development of Glaciers and Glacial Lakes in the Identification of Potentially Dangerous Glacial Lakes of Nepal Using Remote Sensing and Geographic Information Systems." Draft. Kathmandu. <https://pdfs.semanticscholar.org/3c3c/5a1ec979d1f9a9e514216c3bba5439571afb.pdf>
- Bajracharya, S. R., and B. Shrestha, eds. 2011. *The Status of Glaciers in the Hindu Kush-Himalayan Region*. Kathmandu: ICIMOD. <http://lib.riskreductionafrica.org/bitstream/handle/123456789/1124/the%20status%20of%20glaciers%20in%20the%20hindu.pdf?sequence=1>
- Bajracharya, T. R., S. Acharya, and B. B. Ale. 2011. "Changing Climatic Parameters and its Possible Impacts in Hydropower Generation in Nepal (A Case Study on Gandaki River Basin)." *Journal of the Institute of Engineering* 8 (1–2): <http://dx.doi.org/10.3126/jie.v8i1-2.5108>
- Bakrania, S. 2015. *Urbanisation and Urban Growth in Nepal*. GSDRC Applied Knowledge Services: Helpdesk Research Report 1294. London: GSDRC. <http://gsdrc.org/wp-content/uploads/2015/11/HDQ1294.pdf>
- Bhatt, R. P., and S. N. Khanal. 2010. "Environmental Impact Assessment System and Process: A Study on Policy and Legal Instruments in Nepal." *African Journal of Environmental Science and Technology* 4 (9): 586–94. <https://www.ajol.info/index.php/ajest/article/view/71316/60268>
- Bhushal, R. 2017. "Nepal's OBOR railway dreams." Third Pole. July 10. <https://www.thethirdpole.net/en/2017/07/10/nepals-obor-railway-dreams/>
- CAFOD (Catholic Agency for Overseas Development). 2015. "Nepal." *Projects in Focus: Nepal*. London: CAFOD. <https://cafod.org.uk/content/download/28639/308240/version/1/file/Proposal%20for%20Nepal%20PiF%20PDF.pdf>
- CBS (Central Bureau of Statistics, Government of Nepal). 2014. Socio-economic data published by CBS in 2014 based on the 2011 census by the government of Nepal. Kathmandu: CBS. <https://cbs.gov.np/catalog/atlas/>

- CMDN (Center for Molecular Dynamics-Nepal). 2018. *Aquatic Ecology Field Survey of UT-1 Dewatered Reach and Trishuli River Basin, Nepal. Final Findings and Results Reported to International Finance Corporation (IFC)*. Kathmandu: CMDN.
- Dandekhya, S., M. England, R. Ghate, C. G. Goodrich, S. Nepal, A. Prakash, A. Shrestha, S. Singh, M. S. Shrestha, and P. B. Udas, 2017. “The Gandaki Basin—Maintaining Livelihoods in the face of Landslides, Floods, and Drought.” HI-AWARE Working Paper 9, International Centre for Integrated Mountain Development, Kathmandu. <https://lib.icimod.org/record/32707>
- Dandekhya, S., and A. Piryani. 2015. “Challenges of Hill Communities in Nuwakot District.” Kathmandu: ICIMOD. <http://www.icimod.org/?q=17345.government>
- DoED (Department of Electricity Development). 2018. “Power Plants for Generation.” Kathmandu: DoED. <https://doed.gov.np/>
- Emmer, A. 2017. “Glacier Retreat and Glacial Lake Outburst Floods (GLOFs).” In *Oxford Research Encyclopedia of Natural Hazard Science*. Oxford University Press. <https://oxfordre.com/naturalhazardscience/naturalhazardscience/view/10.1093/acrefore/9780199389407.001.0001/acrefore-9780199389407-e-275>
- ERM (Environmental Resources Management). 2018. *Non-Technical Updated Environmental and Social Impact Assessment Summary Report: Upper-Trishuli Hydropower Project, Nepal*. Kathmandu: Nepal Water and Energy Development Company and International Finance Corporation. http://nwedcpl.com/uploads/disclosure/nwedc_disclosure_1._Final_ESIA_UT-1_June_2018.pdf
- ERM. 2019. *Upper Trishuli-1 Hydropower Project Updated Non-Technical ESIA Addenda*. London: ERM for Asian Development Bank. <https://www.adb.org/projects/documents/nep-49086-001-esia>
- ESSA (Environmental and Cumulative Effects Assessment). 2014. “Environmental, Social and Cumulative Impact Assessment for Hydropower Development in the Upper Trishuli Basin, Nepal.” Vancouver, BC: ESSA. http://essa.com/wp-content/uploads/2014/01/Essa_Project_Sheet-Nepal.pdf
- FECOFUN (Federation of community Forestry Users Nepal). 2018. Website. <http://fecofun.org.np/>
- Gewali, M. B. 2008. *Aspects of Traditional Medicine in Nepal*. Japan: Institute of Natural Medicine, University of Toyama. <https://lib.icimod.org/record/13840>
- Gurung, T. B., S. R. Basnet, and K. P. Lamsal. 2006. “Rainbow Trout Farming in Hill Terrace of Nuwakot, Nepal.” *Aquaculture Asia* 11 (2): 17–18. <http://library.enaca.org/AquacultureAsia/Articles/April-June-2006/April-June-06.pdf#page=18>
- Gurung, T. B., A. Rayamajhi, G. Lamsal, R. P. Dhakal, and S.R. Basnet. 2011. “Mid-hill River Fish and Fisheries: Resilience to Food and Nutritional Security Among Hill Communities in Upper Trishuli, Nepal.” *Proceedings of the 8th National Workshop on Livestock and Fisheries Research*, 10–20. Kathmandu: Nepal Agricultural Research Council.
- Himalayan Times. 2018. “Belkotgadhi Municipality to Expand, Upgrade 255 Local Roads.” Kathmandu. <https://thehimalayantimes.com/nepal/belkotgadhi-municipality-to-expand-upgrade-255-local-roads/>

- Humagain, K., and K. Shrestha. 2009. “Medicinal Plants in Rasuwa District, Central Nepal: Trade and Livelihood.” *Journal of Plant Science* 6: 39–46.
https://www.academia.edu/30914973/Medicinal_plants_in_Rasuwa_district_central_Nepal_trade_and_livelihood
- ICIMOD (International Centre for Integrated Mountain Development). n.d. “Future of the Koshi Basin: A Visual Presentation of the Transboundary Basin.” Kathmandu: Koshi Basin Programme.
<http://www.icimod.org/initiative/koshi-basin-initiative>
- IFC (International Finance Corporation). 2013. *Good Practice Handbook on Cumulative Impact Assessment and Management: Guidance for the Private Sector in Emerging Markets*. Washington, DC: IFC.
https://www.ifc.org/wps/wcm/connect/topics_ext_content/ifc_external_corporate_site/sustainability-at-ifc/publications/publications_handbook_cumulativeimpactassessment
- IFC. 2015. *Addressing Project Impacts on Fishing-based Livelihoods—A Good Practice Handbook: Baseline Assessment and Development of a Fisheries Livelihood Restoration Plan*. Washington, DC: IFC.
<https://www.commdev.org/publications/addressing-project-impacts-on-fishing-based-livelihoods-a-good-practice-handbook-baseline-assessment-and-development-of-a-fisheries-livelihood-restoration-plan/>
- IFC. 2018a. *Good Practice Handbook; Environmental Flows for Hydropower Projects. Guidance for the Private Sector in Emerging Markets*. Washington, DC: IFC.
https://www.ifc.org/wps/wcm/connect/topics_ext_content/ifc_external_corporate_site/sustainability-at-ifc/publications/publications_handbook_eflows
- IFC. 2018b. “Good Practice Note: Environmental, Health, and Safety Approaches for Hydropower Projects.” Washington, DC: IFC. <http://www.ifc.org/EHSHydropower>
- IFC. 2019. IFC Project Information Portal: Upper Trishuli-1. Washington, DC: IFC.
<https://disclosures.ifc.org/#/projectDetail/ESRS/35701>
- IHA (International Hydropower Association). 2018. *Hydropower Sustainability ESG Gap Analysis Tool (HESG Tool)*. London: IHA. <https://www.hydropower.org/esg-tool>
- Inskipp C., H. S. Baral, S. Phuyal, T. R. Bhatt, M. Khatiwada, T. Inskipp, A. Khatiwada, S. Gurung, P. B. Singh, L. Murray, L. Poudyal, and R. Amin. 2016. *The Status of Nepal’s Birds: The National Red List Series*. Zoological Society of London, UK.
- IUCN (International Union for Conservation of Nature). 2019. IUCN Red List of Threatened Species. Cambridge: UK: IUCN. <https://www.iucnredlist.org>
- Jnawali, S. R., H. S. Baral, S. Lee, K. P. Acharya, G. P. Upadhyay, M. Pandey, R. Shrestha, D. Joshi, B. R. Laminchhane, J. Griffiths, A. P. Khatiwada, N. Subedi, and R. Amin, compilers. 2011. *The Status of Nepal Mammals: The National Red List Series*. Kathmandu: Department of National Parks and Wildlife Conservation.

Khadka, R. B., and B. Tuladhar. 2012. “Developing an Environmental Impact Assessment System in Nepal.” *Impact Assessment* 14 (4): 435–47.

Khan, S. 2017. “Saving Nepal’s Last Wild River: A Summit Amid the Himalayan Summits Where More Waterkeepers Arise.” *Waterkeeper Alliance* 13 (2): 27.
<https://waterkeeper.org/magazine/volume-13-issue-2/a-summit-amid-the-himalayan-summits-where-more-waterkeepers-arise>

Kleynhans, C. J. 1996. “A Qualitative Procedure for the Assessment of the Habitat Integrity Status of the Luvuvhu River (Limpopo system, South Africa).” *Journal of Aquatic Ecosystem Health* 5(1): 41–54.

LAHURNIP (Lawyers’ Association for Human Rights of Nepalese Indigenous Peoples). 2017. Study on the Impact of the Upper Trishuli-1, 216 MW *Hydropower Project on The Indigenous Communities of Rasuwa*. Kathmandu: LAHURNIP.
https://www.lahurnip.org/uploads/articles/UT%201%20Report_FINAL_ENG.pdf

MoEST (Ministry of Environment, Science, and Technology). 2006. *A Guide to Streamlining of EIA Approval Process*. Kathmandu: MoEST.
<https://www.mope.gov.np/download/A%20Guide%20to%20Streamlining%20of%20Environmental%20Impact%20Assessment%20Approval%20Process.pdf.74aae0f9f0f0b2fd3439ac254dd74622>

MoEWRI (Ministry of Energy, Water Resources and Irrigation). 2019. “Budhigandaki Hydropower Project.” Kathmandu. Environment Compensation Distribution, Resettlement and Rehabilitation Unit, MoEWRI. <https://bghep.gov.np/en>

MoFALD (Ministry of Federal Affairs and Local Development). 2015. *Compilation on Best Practices of Environment Friendly Local Governance Program (EFLGP)*. Kathmandu: MoFALD.
[https://www.undp.org/content/dam/nepal/docs/generic/Compilation-on-Best-Practices-of-Environment-Friendly-Local-Governance-Program-\(EFLGP\).pdf](https://www.undp.org/content/dam/nepal/docs/generic/Compilation-on-Best-Practices-of-Environment-Friendly-Local-Governance-Program-(EFLGP).pdf)

MoFE (Ministry of Forests and Environment). 2018. *Hydropower Environmental Impact Assessment Manual*. Kathmandu: MoFE.
http://mofe.gov.np/downloadfile/Hydropower%20Environmental%20Impact%20Assessment%20Manual_1537854204.pdf

MoFSC (Ministry of Forests and Soil Conservation). 2014. *Nepal Biodiversity Strategy and Action Plan 2014–2020*. Kathmandu: MoFSC, Government of Nepal.

MoFSC. 2015. *Strategy and Action Plan 2016–2025, Chitwan-Annapurna Landscape*. Singha Durbar, Kathmandu: Ministry of Forests and Soil Conservation.
http://d2ouvy59p0dg6k.cloudfront.net/downloads/strategy_and_action_plan_2016_2025__chitwan_annapurna_landscape__nepal.pdf

Mool, P. K. 2011. *Glacial Lakes and Glacial Lake Outburst Floods in Nepal*. Kathmandu: ICIMOD.
http://www.icimod.org/dvds/201104_GLOF/reports/final_report.pdf

- Mountain Hiking & Trekking. 2019. "Trishuli River Map."
https://www.google.com/search?q=Trishuli+Rafting+Map&rls=com.microsoft:en-IN:IE-Address&tbm=isch&source=iu&ictx=1&fir=0-g4qyJIMBT4HM%253A%252CAGGyakzN5VMaIM%252C_&vet=1&usg=AI4_-kSrpWeJqKly-e1POmgPWf6GhqCmjw&sa=X&ved=2ahUKEwja8b_fta3lAhW57XMBHeCUA4gQ9QEwAHoECAUQBg#imgdii=hZY5AK9a6iL47M:&imgrc=0-g4qyJIMBT4HM:&spf=1571663223722&vet=1
- Muzzini, E., and G. Aparicio. 2013. *Urban Growth and Spatial Transition in Nepal: An Initial Assessment*. Washington, DC. World Bank.
- National Conservation Strategy Implementation Project. 1994. *Environmental Impact Assessment Guidelines 1993*. Kathmandu.
https://www.mope.gov.np/download/national%20environmental%20impact%20assessment%20guidelines_1993.pdf.5c279708fcab326b6cb9289b4d551b0d
- NESS (Nepal Environmental and Scientific Services). 2012a. *Environmental Impact Assessment Study 111 MW Rasuwagadhi Hydroelectric Project (RGHEP)*. Kathmandu: NESS, project proponent Chilime Hydropower Company.
- NESS. 2012b. *Environmental Impact Assessment for the Upper Trishuli 1 (216 MW) Hydroelectric Project*. Kathmandu: NESS, project proponent Nepal Water and Electricity Development Corporation.
- NESS. 2014a. *Environmental Impact Assessment of Sanjen Khola Hydroelectric Project (SKHEP)*. Kathmandu: NESS, project proponent Salasungi Power.
- NESS. 2014b. *Environmental Impact Assessment of Upper Trishuli 1 Hydroelectric Project (SKHEP)*. Kathmandu: NESS, project proponent Nepal Water and Energy Development Company (NWEDC).
- NESS. 2016. NESS. 2016. *Baseline Monitoring and Aquatic Ecology and Water Quality Analysis of Upper Trishuli Hydropower Project (216 MW), Field Visit and Consolidated Final Report*. Kathmandu: Prepared by Nepal Environmental and Scientific Services Ltd. For the Nepal Water & Energy Development Company (NWEDC).
- NRB (Nepal Rastra Bank). 2018. *Guidelines on Environmental and Social Risk Management for Banks and Financial Institutions*. Kathmandu: NRB.
https://www.nrb.org.np/bfr/directives/Guidelines--Guideline_on_Environmental_&_Social_Risk_Management_for_Banks_and_Financial_Institutions_2018-new.pdf
- Neri, A. C., P. Dupin, and L. E. Sanchez. 2016. "A Pressure–State–Response Approach to Cumulative Impact Assessment." *Journal of Cleaner Production* 126: 288–98.
<https://doi.org/10.1016/j.jclepro.2016.02.134>
- NRCT (Nepal River Conservation Trust). 2017. *Proceedings from the 2nd National River Summit, 2017*. Gorkha, Nepal: NRCT.
http://www.nrct.org.np/wp-content/uploads/2018/05/Proceeding-of-NRS2017_Final_Compressed.pdf
- Pandit, A. 2016. "Energy Mix in the Gandaki River Basin." Kathmandu: Hi-Aware.
<https://lib.icimod.org/record/32177>

- Petley, D. 2014. "Upper Madi: Another Fatal Landslide at a HEP Scheme in the Himalayas." *Landslide* blog entry, April 28. <https://blogs.agu.org/landslideblog/2014/04/28/upper-madi-1/>
- Poudel, D. D., and T. W. Duex. 2017. "Vanishing Springs in Nepalese Mountains: Assessment of Water Sources, Farmers' Perceptions, and Climate Change Adaptation." *Mountain Research and Development* 37 (1): 35–46.
<https://bioone.org/journals/mountain-research-and-development/volume-37/issue-1/MRD-JOURNAL-D-16-00039.1/Vanishing-Springs-in-Nepalese-Mountains--Assessment-of-Water-Sources/10.1659/MRD-JOURNAL-D-16-00039.1.full>
- Rajbanshi, K. G. 1996. *Conservation Status of the Inland Fish Fauna of Nepal*. Kathmandu: Royal Nepal Academy of Science and Technology.
- Rajbanshi, K. G. 2002. "Zoogeographical Distribution and the Status of Coldwater Fish of Nepal: Coldwater Fisheries in the trans-Himalayan Countries." FAO Technical Paper 431, Food and Agriculture Organization, Rome.
- Rathore, H. S. 2018a. "Dhading Enacts New Mining Standards." *Kathmandu Post*. March 23.
<https://kathmandupost.com/money/2018/03/23/dhading-enacts-new-mining-standards>
- Rathore, H. S. 2018b. "Sand Mines Operating Using Fake Papers." *Kathmandu Post*. March 6.
<https://kathmandupost.com/money/2018/03/06/sand-mines-operating-using-fake-papers>
- Regmi, B. N. 2003. "Contribution of Agroforestry for Rural Livelihoods: A Case of Dhading District, Nepal." Paper presented at the International Conference on Rural Livelihoods, Forests and Biodiversity, May 19–23, Bonn, Germany.
https://www.cifor.org/publications/corporate/cd-roms/bonn-proc/pdfs/papers/T3_FINAL_Regmi.pdf
- Rivers without Boundaries. 2017. "Budhi Gandaki Hydro in Nepal: BRI Project from the Previous Century." Rivers without Boundaries. <http://www.transrivers.org/2017/2116/>
- Schmutz, S., and C. Mielach. 2015. "Review of Existing Research on Fish Passage through Large Dams and its Applicability to Mekong Mainstream Dams." MRC Technical Paper 48. Mekong River Commission, Phnom Penh, Cambodia.
- Shrestha, M. K., and J. Pant, eds. 2012. *Small-scale Aquaculture for Rural Livelihoods: Proceedings of the National Symposium on Small-scale Aquaculture for Increasing Resilience of Rural Livelihoods in Nepal*. Rampur, Chitwan, Nepal: Institute of Agriculture and Animal Science, Tribhuvan University, and Penang, Malaysia: WorldFish Center. http://pubs.iclarm.net/resource_centre/WF_3347.pdf
- Singh, D. B. 2007. "Dealing with the Environment in Hydropower Development." Kathmandu: Department of Electricity Development, Government of Nepal.
https://www.academia.edu/16397338/582_en_Dealing_with_the_Environmental_Challenges_in_Hydropower_Development

- Sudmeier-Rieux, K., B. G. McAdoo, S. Devkota, and P. Lal Chandra Rajbhandari. 2018. "Brief Communication: Vehicles for Development or Disaster? The New Silk Route, Landslides, and Geopolitics in Nepal." *Natural Hazards and Earth System Sciences Discussions* 1-7.
https://www.researchgate.net/publication/322642885_Brief_Communication_Vehicles_for_development_or_disaster_The_new_Silk_Route_landslides_and_geopolitics_in_Nepal
- Sweco. 2016. *Upper Trishuli-1 Field Visit Report: Fishery Migration Research*. Stockholm: Sweco.
- Third Pole. 2017. "Sandmining Is Destroying Asia's Rivers." May 5.
<https://www.thethirdpole.net/en/2017/05/05/sandmining-is-destroying-asias-rivers/>
- Tuladhar, B., and G. R. Joshi. 2004. *Solid Waste Management in Bidur Municipality*. Kathmandu: Ministry of Local Development: Solid Waste Management and Resource Mobilization Center. Retrieved from https://www.cen.org.np/uploaded/8_Bidur.pdf
- Tun, S., and S. Singal. 2016. "Management of Hydropower Tunnels to Prevent Collapse and Remedial Measures." *Hydro Nepal: Journal of Water, Energy and Environment* 19: 31-37.
<https://doi.org/10.3126/hn.v19i0.15349>
- Uniindia News Service. 2018. "Landslide on Road to Arun III HEP, Nepal: Successful OP by SJVN Ltd. Saves 4 Lives: SJVNL." June 18.
<http://www.uniindia.com/landslide-on-road-to-arun-iii-hep-nepal-successful-op-by-sjvn-ltd-saves-4-lives-sjvnl/states/news/1264321.html>
- UNRCCA (United Nations Regional Center for Preventive Diplomacy for Central Asia). 2018. 2017 *Water Yearbook: Central Asia and Around the Globe*. Tashkent, Uzbekistan: UNRCCA.
http://www.cawater-info.net/yearbook/pdf/yearbook2017_en.pdf
- Urja Khabar. 2018. "UT-1 PPA Okay, Milestone of Foreign Investment in Hydropower." January 28.
<http://www.english.urjakhbar.com/ut-1-ppa-okay-milestone-foreign-investment-hydropower>
- USAID. 2014. *Affirmative Investigations for Hydropower Projects in Nepal: Upper Marsyangdi 2, Upper Trishuli 1, and Upper Arun*. Washington, DC: USAID.
https://ecd.usaid.gov/repository/titlexiii/2016/Trip_Report_24.pdf
- USAID. (forthcoming). "Guidance Note: Pani River Stretch Co-Management Concept." Washington, DC: USAID.
- WECS (Water and Energy Commission Secretariat). 2013. *National Energy Strategy of Nepal*. Kathmandu: Government of Nepal.