

Curriculum Vitae – Mr. Madhu Sudan Gautam

NATIONALITY: Nepalese

KEY QUALIFICATIONS



Madhu Suudan Gautam has over 15 years of extensive experience in **disaster risk management**, resilience, and sustainable livelihoods research and advisory services. He has been significantly engaged in and contributed to green, resilient, and inclusive recovery, climate assessment, loss and damage, and policies, strategies, plans, and programs, working at local, provincial, and federal levels in disaster risk management, enhancing community resilience.

Madhu provides technical advice to governments and donors, focusing on disaster and climate risk-informed decisions, as well as institutional and public finance governance. He has led numerous donor-funded studies and contributed to government policies, strategies, planning, and capacity building at national and sub-national levels. He has managed multi-stakeholder projects funded by various organizations, supporting the mainstreaming of climate change and disaster risk management into national and local planning processes. He holds master's degrees in economics and development studies.

Leadership: Madhu has successfully led several key initiatives, including the "Delivering Improved Emergency Preparedness & Response in Nepal through Enhanced Partnership between the Red Cross and the Government of Nepal," the "Enhancing Preparedness for Emergency Response through Stronger National Systems in Nepal with a Focus on the Far Western and Mid-Western Regions," and the "Promoting Resilient Cities and Sustainable Urban Growth by Strengthening DRR Capacity of Local Authorities through Active Private Sector Involvement," funded by EHO. He also led the "Urban DRR Project in Kathmandu Valley: Strengthening Urban Resilience through DRR in Kathmandu Valley," funded by a consortium of partners (LWR, ADRA, DCA, and VSO). Currently, Madhu is leading a study on DRM and CCA budget analysis at subnational levels of government, funded by Mercy Corps, as well as a cross-country project studying the climate resilience of health facilities in Kenya, Barbados, and India.

Capacity Building: Madhu has supported the government at both national and subnational levels in building the capacity of government agencies and other stakeholders. He has led DRM capacity-building initiatives following the 2015 earthquake to strengthen the capabilities of provincial and local authorities. He developed training curricula and provided training to elected representatives and government staff. Additionally, he led the development of curricula and procedures aimed at strengthening the capacity of Emergency Operating Centres at district and local levels.

Research and Studies: Madhu has expertise in both qualitative and quantitative research studies. He has led and served as an evaluation expert on several donor-funded projects. Recently, he worked as a technical lead and climate change survey expert for the National Statistics Office (NSO) of Nepal, in a project 'National Climate Change Survey' funded by UNDP. He also led the impact evaluation of the "Improve Technical and Vocational Education and Training" project funded by the World Bank. Additionally, he has conducted several baselines, midline, and endline studies funded by INGOs and other development partners.

EDUCATION

- 2011-2013: International University of Japan, Japan. MA in economics.
- 2007-2008: Purbanchal University MA in Development Studies. College of Development Studies, Kathmandu, Nepal
- 1998-200: Tribhuvan University BSc in Geology Tri-Chandra Multiple College, Kathmandu, Nepal

COUNTRIES OF WORK EXPERIENCE

Tanzania, Kenya, Barbados, Australia, India, Nepal, Bangladesh, Japan

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- Executive Member, Japanese Universities Alumni Association, Nepal (JUAAN)
- Adjunct Fellow, Western Sydney University/Sydney, Australia
- Member, Nepal-US Alumni Network
- Advisor, National Disaster Risk Reduction Centre (NDRC) Nepal

OTHER TRAINING

- Capacity building training on '*Disaster Resilience*', Organized by National Reconstruction Authority (NRA), Government of Nepal, January, 2021-March, 2021
- Capacity building training on '*Mainstreaming Disaster Risk Reduction into Construction Works: Resilient Infrastructures*', Organized by National Reconstruction Authority (NRA), Government of Nepal, September, 2021- December, 2021
- Capacity building training on Slope Stabilization Techniques to Enhance the Resilience of Infrastructures, Organized by National Reconstruction Authority (NRA), Government of Nepal, August, 2021-November, 2021
- Short course on *Program Evaluation*, IZA/DFID, Kathmandu, Nepal, December 7-8, 2019
- Summer School on '*Environmental and Resource Economics*', South Asian Network for Development and Environmental Economics (**SANDEE**), AIT, Bangkok, Thailand, May 5-19, 2019
- '*Nepal Data Literacy Program*', World Bank, Kathmandu, Nepal, June-July 2019
- Frontier Areas in Econometrics in International Trade and Finance, Indian Institute of Technology (IIT), Kanpur, India, December 10-20, 2014
- Environmental and Natural Resources Economics, Doane University, An online learning initiative of Doane University July, 2019
- Applied Econometrics for Practitioners, World Bank, Kathmandu, Nepal, December 10, 2018- January 20, 2019
- Evaluating Social Programs: Executive Education, J-PAL/CLEAR South Asia at IFMR, New Delhi, India, July 11-15, 2016
- Research workshop on Trade Cost and Trade Facilitation, UNESCAP, Bangkok, Thailand, June 15-19, 2015

LANGUAGES

	Speaking	Reading	Writing
Nepali	Native (Fluent)	Native (Fluent)	Native (Fluent)
English	Good	Good	Good

TEACHING AND RESEARCH

From: September 2024 to present

Employer: Kathmandu University School of Management (KUSOM)

Position held: Visiting faculty of Macroeconomics to EMBA

From: January 2024 to May 2024

Employer: Little Angles College of Management (LACM), Affiliated to **Kathmandu University** (KU)

Position held: Visiting faculty of Research Methodology

From: December 2023 to present

Employer: Mid-Valley International College (MVIC), Affiliated to **Help University**, Malaysia

Position held: Visiting faculty of Microeconomics

From: August 2020 to 2022

Employer: Saraswati Multiple College, Tribhuvan University

Position held: Visiting Faculty of Econometrics and Mathematical Economics /MA in Economics

From: February 2017 to July 2020

Employer: Mid-Western University, Master in International Development & Cooperation (MICD)

Positions held: Visiting Faculty of Microeconomics and South Asian Economy

From: 2015 to 2016

Employer: Kathmandu University School of Education (KUSOED), Nepal

Positions held: Visiting Faculty of Statistical Techniques for Research for Master in Development Studies.

From: 2013 to 2015

Employer: Kathmandu College of Management (KCM), Kathmandu University

Positions held: Visiting Faculty of Research Methodology and Economic Development

SOFTWARE SKILLS

- STATA, R, Excel, SPSS, E-views for graphical and statistical analysis
- Data collection technology (e.g. KoBo)

EMPLOYMENT RECORD

From-To: February 2025- present
Employer: Institute for Frontier Studies (IFS)
Position held: Senior Consultant- Climate Change, Disaster Risk Reduction, Resilience, Sustainability

From-To: May 2024- January 2025
Employer: Oxford Policy Management Limited
Position held: Consultant- Climate, Resilience and Sustainability

From-To: January 2019-December 2021
Employer: National Reconstruction Authority (NRA), Nepal
Position held: Disaster Management Specialist

From-To: June 2013 - December 2018
Employer: National Disaster Risk Reduction Centre (NDRC), Nepal
Position held: Program Director

From-To: January 2007 - August 2011
Employer: National Disaster Risk Reduction Centre (NDRC) Nepal

Position held: Program Coordinator

From-To: January 2004 - December 2007
Employer: MODE Nepal
Position held: Senior Program Officer

From-To: April 2000 - December 2003
Employer: Paragon Public School, Kathmandu, Nepal
Position held: Senior Science Teacher

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED

1. Projects undertaken with Institute for Frontier Studies:

- a. Disaster Risk Finance Gap Analysis to **IDENTIFY OPPORTUNITIES** for Disaster Risk Financing (DRF) for **Start Ready** in Nepal. **Year:** March-April 2025; **Location:** Nepal; **Client:** Start Network; **Main Project Features:** Analysing funding flows by actors, stages of the DRM cycle, hazard types, civil society involvement, geographical coverage, and sectors; **Position held:** Team leader
- b. **National Anticipatory Action (AA) Frameworks and Roadmap (2025-2030).** **Year:** March-July 2025; **Location:** Nepal; **Client:** IFRC; **Main Project Features:** Review of the policies, best practices, delineation of risk assessment methodologies, roles/responsibilities, AA action plan (2025-2030), consultations with stakeholders, drafting the AA framework; validation, approval and endorsement; **Position held:** Team leader

2. Projects undertaken with Oxford Policy Management:

- a. **Study on Climate Resilience and Adaptation of Health Facilities in the Global South.** **Year:** September-December 2024; **Location:** Kenya, Barbados, and India; **Client:** SEforALL; **Main Project Features:** Comprehensive review of the secondary data and literatures and propose the recommendation for the climate resilience of health facilities in these countries; **Position held:** Resilience expert.
 - b. **Budget Tracking and Analysis of Investment in Climate Change Adaptation and Disaster Risk Reduction and Management in Sudurpaschim and Madhesh Province.** **Year:** August-November 2024; **Location:** Nepal with visits to subnational levels (Madhesh and Sudurpaschim provinces); **Client:** Mercy Corps Nepal; **Main project features:** Government DRM and CCA budget (allocation and expenditure analysis) with field level assessments; **Position held:** Project manager and team leader.
 - c. **Assessment of Third Five Year Development Plan of Tanzania.** **Year:** June-July 2024; **Location:** Tanzania; **Client:** Planning commission of Tanzania; **Main Project Features:** Comprehensive review of the policies, plans, projects and progress of III FYDP on climate resilience; **Position held:** Climate change expert.
 - d. **Formulation of Green Taxonomy Guideline of Rastra (Central) Bank of Nepal.** **Year:** May-October 2024; **Location:** Nepal; **Client:** Nepal Rastra Bank; **Main Project Features:** Review of green financing instruments, consultations, feedback, reporting; **Position held:** Financial Inclusion Analyst
3. **Name of assignment:** "Policy Analysis for Institutionalizing Climate Resilience Actions in Nepal". **Year:** March-April 2024; **Location:** Kathmandu with visits in the sub-national levels (Provinces and Local Level); **Client:** Mercy Corps and Practical Action; **Donor:**

Mercy Corps and Practical Action; **Main Project Features:** Comprehensive review of the policy and institutions in climate change, disaster risk reduction, and sustainable development goals. The study is informed by the field level assessment to assess the policy provision and practice; **Position held:** Team leader; **Activities performed:** In-depth policy mapping and analysis to identify and analyse the existing federal, provincial, and local level policies and legal instruments related to DRR and CCA issues combined with SDG 2030 agenda in Nepal with focus on flooding and heatwaves, Assess the coherence, effectiveness, and implementation status of these relevant policies in addressing the challenges of DRR and CCA focusing on flood and heatwave, Identify gaps, overlaps, and potential conflicts within and between policies related DRR and CCA relating to flood and heatwaves, and relevant different tools developed by development partners to advance early actions related in Nepal, stakeholder mapping to identify key stakeholders involved in each policy mentioned above, understand their roles, perspectives, interests, and assess their level of engagement in policy formulation and implementation processes, propose a feasible advocacy action plan based on the analysis, outlining key advocacy issues, advocacy objectives, advocacy targets, policy opportunities/windows/agenda, advocacy messages and tactics and strategies for influencing.

4. **Name of assignment:** The formulation of Standard Operating Procedure (SOP), Early Action Protocol and Establish Communication Channel for Multi-Hazard Early Warning System (Flood and landslide) of Local Municipals (Helambu and Panchpokhari) of Sindhupalchowk District, Nepal. **Year:** February-April 2024; **Location:** Helambu and Panchpokhari Thangpal Rural Municipalities; **Client:** Practical Action; **Donor:** Practical Action; **Main project features:** main objective was to co-create the Standard Operating Procedure of Landslide Early Warning System; **Position held** team leader; **Activities performed:** to formulate Standard Operating Procedure (SOP) for the Local Early Warning Systems (LEWS), aiming to establish an effective coordination mechanism among government agencies in risk communication. The SOP will encompass an early action protocol. The developed SOP will play a vital role in outlining the roles and responsibilities of stakeholders, establishing coordination mechanisms among Emergency Operation Centers (EOCs), and facilitating the integration of EOCs with the Department of Hydrology and Meteorology (DHM) forecast system. The resulting SOPs will offer crucial guidance and information to EOC officials, enabling the efficient management of response mechanisms and fostering coordination among all stakeholders.
5. **Name of assignment:** Evaluation of the Inclusive Rural Development Project in Nawalparasi. **Year:** September-November 2023; **Location:** Nawalparasi district; **Client:** Seoul National University; **Donor:** KOICA; **Main project features:** The project was a comprehensive initiative with components that spanned commercial agriculture, commercial livestock, youth and women empowerment, and both small and large-scale agriculture. Additionally, it included a significant focus on community infrastructure development, demonstrating a holistic approach to fostering sustainable development and prosperity within the targeted community; **Position held:** National evaluation expert; **Activities performed:** (a) Developing survey questions; (b) Completion of interviews with the project stakeholders in project; (c) Recruiting and training the enumerators; (d) Completion of household surveys for 400 selected households (200 beneficiaries and 200 non-beneficiaries) using Survey CTO with mobile devices; (e) Monitoring of the survey (f) Identify best practices, identify challenges and lessons learned, and make recommendations related to the project; (g) Fieldwork support for the SNU team (accompanying the SNU team throughout the fieldwork, providing English-Nepali interpretation, assisting with literature review (h) Written report of the survey in English.
6. **Name of assignment:** Strengthen technical and institutional capacities of Nepal's national statistical system in the production and use of disaster-related statistics. **Year:**

July-December, 2023; **Location:** Kathmandu; **Client:** National Statistical Office (NSO); **Donor:** UNESCAP; **Project main features:** Main objective of the project was to support NSO in harmonizing and strengthening the disaster related statistics of Nepal; **Position held:** Disaster data and policy expert; **Activities performed:** Contribute to the disaster-related statistics report of Nepal with a focus on institutional arrangements and the national data ecosystem related to disaster-related statistics in the country; documenting key relevant national policy priorities and plans, institutional arrangements and mechanisms, data holdings and metadata as well as issues with respect to data quality and data gaps related to disaster-related statistics.

7. **Name of assignment:** Capacity Building of National Designated Authority, Government of Nepal, **Year:** *May 2023- March, 2024*; **Location:** National and sub-national level of government agencies; **Client:** Alternative Energy Promotion Centre, Government of Nepal; **Donor:** Green Climate Fund (GCF), readiness programme; **Project main features:** Development of Nepal's Country Programme to the Green Climate Fund and Developing Strategies for Private Sector Investment for Low Emissions and Resilience; **Position held:** Institutional and M&E expert; **Activities performed:** Review of policies and frameworks, consultations, capacity development plans, workshop, trainings, reporting.
8. **Name of assignment:** Evaluating Early Action in Anticipation of Landslides in Nepal. **Year:** *April- July, 2023*; **Location:** Gorkha and Dadelhdhura; **Client:** ARDS Pvt. & Care Nepal; **Donor:** Start Fund Nepal, with support from UKAID; **Project main features:** The Start Fund Anticipation enables NGOs to prepare when they see a crisis coming and respond early to mitigate the predicted impacts; **Position held:** Data analyst; **Activities performed:** Research design, inputs in questionnaire for the household survey, survey monitoring, reporting, revision, finalization and dissemination of findings.
9. **Name of assignment:** Preparation of Standard Operating Procedure (SOP): Community based Flood Early Warning System- Local Emergency Operation Centers (LEOCs) Melamchi and Helambu Municipalities. **Year:** *May-June, 2023*; **Location:** Melamchi and Helambu; **Client:** Practical Action Nepal; **Donor:** USAID/BHA; **Project main features:** The overall objective of the assignment is to develop a comprehensive standard operating procedure (SOP) for the local governments (Helambu and Melamchi) to foster hydro-met early warning system, impact based forecasting, and develop emergency communication channel in line with national DRR frameworks, policy and strategies, and as per the local context of Sindhupalchok District. **Position held:** Thematic lead; **Activities performed:** study design, lead the team, review, workshop, primary data collection, precipitation data analysis, capacity building of local level, and preparation of final report and dissemination.
10. **Name of assignment:** Preparation of Implementation Completion Report (ICR) of Earthquake Housing Reconstruction Project (EHRP), Funded by World Bank. **Year:** *March-June, 2023*; **Location:** Kathmandu; **Client:** National Disaster Risk Reduction and Management Authority (NDRRMA); **Donor:** Government of Nepal with support from World Bank; **Project main features:** Project implementation completion report preparation based on review and consultation; **Position held:** ICR consultant; **Activities performed:** Prepare the EHRP Implementation Completion Report (ICR) and facilitate data, information gathering and consultations with current and previous project team-members and stakeholders to enable the World Bank in developing its independent ICR. Prepare ICR following the requirements of the World Bank Completion Report Evaluation Guide. Evaluate the progress comprehensively and objectively, the completion of the expected objectives, project output, results, and impact, and summarize the experience and existence of the project implementation process.
11. **Name of assignment:** National Climate Change Survey, National Statistics Office (NSO), Government of Nepal. **Year:** *December 2022, 2023- December 2023*; **Location:** Kathmandu based with visits in survey districts; **Client:** National Statistics Office;

Donor: UNDP Nepal; **Project main features:** project aimed to bridge the data gap on impact of climate change in various sectors; **Position held:** National climate change survey expert; **Activities performed:** To support the development of the National Climate Change Impact Survey of Nepal, the tasks include providing input on survey frameworks, coordinating with the Central Bureau of Statistics (CBS), assisting in capacity building for survey personnel, guiding climate data collection events, and ensuring quality control. Additionally, support will be provided for designing and collecting data on the disproportional impacts of climate change on vulnerable populations, facilitating consultation meetings and workshops, and assisting in finalizing and publishing the survey report for 2022/23.

- 12. Name of assignment:** Preparation of DRRM Training Curriculum and Resource Manual. **Year:** *January-June 2023*; **Location:** Kathmandu; **Client:** National Disaster Risk Reduction and Management Authority (NDRRMA); **Donor:** Government of Nepal with support from World Bank; **Project main features:** Harmonization and standardization of the training curriculum and resource manual; **Position held:** Team leader; **Activities performed:** Stocktaking of the DRRM capacity building initiatives by government and development partners. Identify the gaps in capacity building and prepare a comprehensive DRRM training curriculum and resource manual for the NDRRMA.
- 13. Name of assignment:** Preparation of the Tourism Master Plan of Bheriganga Municipality and Chingad Rural Municipality of Surkhet District, Karnali Province. **Year:** *March-May, 2023*; **Location:** Surkhet; **Client:** Local level governments (Bheriganga and Chingad); **Donor:** Bheriganga Municipality and Chingad Rural Municipality of Surkhet district; **Project main features:** The project aimed to formulate the Tourism Master Plan of the municipality for socioeconomic transformation of the municipality; **Position held:** Socio-economist; **Activities performed:** Review of the tourism policies, municipal plans and programs; workshop to municipal representatives and stakeholders on tourism potentials; data collection; analysis; identification of the initiatives for tourism section development; prioritization of the projects; cost estimation; preparation of the tourism master plan; sharing & dissemination.
- 14. Name of assignment:** Feasibility Study to strengthen Basic Health Services in Lungri Rural Municipality, Rolpa, Lumbini Province. **Year:** *January-February 2023*; **Location:** Lungri rural municipality; **Client:** Lungri rural municipality; **Donor:** Lungri rural municipality; **Project main features:** Feasibility study aimed to provide the recommendations for health services improvement; **Position held:** Policy expert; **Activities performed:** Review of the basic health guidelines and policies; workshop to municipal representatives and stakeholders on review of basic health services; data collection; analysis; identification of the initiatives for basic health sector improvement; prioritization of the projects; cost estimation; preparation of the planning document; sharing & dissemination.
- 15. Name of assignment:** Preparation of Local Disaster and Climate Resilience Plan (LDCRP), Palata Rural Municipality, Kalikot, Karnali Province. **Year:** *December, 2022-January, 2023*; **Location:** Palata rural municipality; **Client:** Municipality; **Donor:** Palata rural municipality; **Project main features:** Review of the LDCRP guidelines and DRR policies; orientation to municipal representatives and stakeholders on LDCRP preparation; data collection; analysis; identification of the risk reduction initiatives; prioritization of the projects; cost estimation; preparation of the planning document; sharing & dissemination; **Position held:** Policy expert; **Activities performed:** Review of the LDCRP guidelines and DRR policies; orientation to municipal representatives and stakeholders on LDCRP preparation; data collection; analysis; identification of the risk reduction initiatives; prioritization of the projects; cost estimation; preparation of the planning document; sharing & dissemination.
- 16. Name of assignment:** Impact Evaluation on Enhanced Vocational Education and

Training Project II (EVENT II)- Impact Evaluation. **Year:** *December 2022-March 2023*; **Location:** Kathmandu with visits in project location; **Client:** Ministry of Education; **Donor:** World Bank; **Project main features:** provide support to the World Bank task team and the EVENT II Project Secretariat (PS) of the GON in the design and implementation of the evaluation of the 1-year Professional Training program (supported through Component 1 of EVENT II); **Position held:** Evaluation expert; **Activities performed:** To support the end-line evaluation, responsibilities include drafting the questionnaire and survey plan, providing technical assistance to the implementing partners and survey firm, supervising data collection, and coordinating with the World Bank to resolve issues. Additionally, collaborating with the World Bank team on data analysis and writing the evaluation report.

17. **Name of assignment:** Baseline Study on Enhanced Vocational Education and Training Project II (EVENT II). **Year:** *October 2021-April, 2022*; **Location:** Kathmandu with visits in the project districts; **Client:** Ministry of Education; **Donor:** World Bank; **Project main features:** Project aimed to enhance the vocation skills of the youth and contribute to employability of youths; **Position held:** Evaluation expert; **Activities performed:** Finalization of the design of the Profession Training program evaluation including the baseline; Provide technical support to the PS and the survey firm with sampling, questionnaire finalization, pilot implementation, and any other task required to carry out the survey to maintain the integrity of the evaluation; Supervise the survey firm during the data collection process.
18. **Name of assignment:** Nepal Climate Change Institutional Assessment (CCIA). **Year:** *February- October 2022*; **Location:** Kathmandu with visits in sub-national level; **Client:** Oxford Policy Management; **Donor:** World Bank; **Project main features:** Project aimed to assess the policies on CC and institutions; **Position held:** Team leader; **Activities performed:** To provide technical leadership and write-up support, ensuring the assignment's scope is met. Engage with national, provincial, and local government stakeholders to incorporate their views. Collect and analyse relevant indicators for policy recommendations and institutional reform for climate change governance. Lead the section write-up and assure quality. Liaise with the World Bank team to add value to the process.
19. **Name of assignment:** Consultancy Service on Survey and Review on Energy Transition and Carbon Neutrality Promotion in Nepal. **Year:** *March-July 2022*; **Location:** Kathmandu; **Client:** Pacific consultants Co.Ltd.; **Donor:** JICA; **Project main features:** Comprehensive review of policies and consultation with the stakeholders; **Position held:** Thematic expert and coordinator; **Activities performed:** The assignment involves reviewing and summarizing government and related ministries' policies, measures, and institutional frameworks to accelerate Energy Transition (ET) and achieve Carbon Neutrality (CN) in major greenhouse gas emitting sectors. This includes analysing policies for advancing electrification, improving energy efficiency in residential, industrial, and transportation sectors, and implementing carbon pricing and cross-border electricity interchange policies. Additionally, it includes reviewing international donors' and Multi Development Banks' assistance programs (excluding Japan) supporting ET and CN goals and collecting information on carbon business trends like carbon trading and cross-border electricity interchange in Nepal. Conducting interviews and consultations with relevant entities in Nepal is also part of the assignment.
20. **Name of assignment:** Research and Communication for the Pre-feasibility Study on the "Project of Stand-alone Home and Institution Solar System, Karnali province, Nepal". **Year:** *May-July, 2021*; **Client:** Institute for Frontier Studies; **Donor:** Bakela Corporation; **Project description:** Find out whether the logic model of the 'ODA project' is feasible and relevant to resolve the problems that people have in target area through Research and Communication (R&C); **Position held:** Assessment expert; **Activities performed:** review of the policies and institutions, acquisition of secondary data, interviews with key stakeholders, analysis and write-up.

- 21. Name of assignment:** best practices on green recovery, resilient local infrastructure, and COVID-19 response. **Year:** *March-April 2022*; **Location:** Kathmandu with visits in Karnali province; **Client:** UNDP; **Donor:** UNDP; **Project main features:** Local Infrastructure Services Programme Pilot: 'Karnali LISP Pilot for Capacity Development of Local Governments for Resilient Infrastructure and Livelihood Services Project (CDRIL)'; **Position held:** Team leader; **Activities performed:** The project establishes criteria for identifying best practices in resilient infrastructure, green recovery, and COVID-19 response. It analyses project interventions, focusing on planning, design, contracts, and quality. The goal is to compile detailed procedures and assess contributions to reducing risks, promoting community participation, and creating green jobs, with a focus on incentivizing and creating employment for vulnerable populations and returnee migrants at the local level in response to COVID-19 for green recovery and pandemic prevention.
- 22. Name of assignment:** Study to identify the support mechanisms and legal, policy and regulatory framework, including possible contribution of the social protection system, to assist the affected people before, during and after a disaster. **Year:** *May-June, 2021*; **Location:** Kathmandu; **Client:** IFRC/Danish Red Cross; **Donor:** Danish red cross; **Project main features:** Forecast based Action (FbA) and Shock Responsive Social Protection (SRSP) project; **Position held:** Consultant; **Activities performed:** Review of DRR and Social Protection legislations and policies for integration to Forecast Based Action. Provide recommendation for advocacy to local, provincial, and federal level of governments.
- 23. Name of assignment:** Nepal Municipal COVID-19 Recovery and Disaster Preparedness Assessment. **Year:** *May 2021-June, 2022*; **Location:** Kathmandu with visits in districts; **Client:** GeoAdaptive, Boston; **Donor:** World Bank; **Project main features:** Assess the status of the municipalities in COVID-19 recovery and disaster preparedness; **Position held:** Risk financing specialist; **Activities performed:** Identify the municipal finance indicators, questionnaire design, review of secondary literatures, secondary data collection, primary data collection, assess the impact of COVID-19 in municipal service delivery, fiscal pressure/gaps, analyze the data, report writing, and dissemination.
- 24. Name of assignment:** Feasibility Study the Detailed Planning on the Official Development Assistance (ODA) Project, "Modernization of Power Grid in Nepal". **Year:** November 2020-January 2021; **Location:** Kathmandu; **Client:** Bakela Corporation; **Donor:** KOICA; **Project description:** The study assessed the need for the modernization of power grid in Nepal; **Position held:** Policy expert; **Activities performed:** Comprehensive review of the policies and institutions, acquisition of secondary data, interviews with key stakeholders, analysis and write-up
- 25. Name of assignment:** Disaster Risk Management for Earthquake Housing Reconstruction Project (EHRP) and Multi-Donor Trust Fund (MDTF): **Year:** January, 2019- December, 2021; **Location:** Kathmandu with frequent visits in municipalities of 32 earthquake affected districts of Nepal; **Client:** National Reconstruction Authority (NRN), GON; **Donor:** World Bank; **Project Description:** The objective of consultancy was to undertake an assessment of disaster resilient financing need of local governments and develop integration modality of local government in reconstruction and resilient development; **Position held:** Disaster Risk Management Specialist; **Activities Performed:** develop project concept paper, need assessment, planning and budgeting, training manual preparation-disaster resilience, slope stabilization, & resilient development works at the local level in earthquake affected districts, support NRA in communication with the government agencies and WB, prepared monthly reporting, update monthly agreed action, provided oversights to the integration of DRM in the earthquake recovery, equipment (assistive devices) & livelihood support to PWD beneficiaries, prepared Borrower's Implementation Completion Review Report (ICRR).

- 26. Name of assignment:** Enhanced Vocational Education and Training Project II (EVENT II); **Year:** October 2021-March, 2022; **Location:** Kathmandu with visits in program districts (Rupandehi, Lumbini); **Client:** Ministry of Education, Science and Technology, Enhanced Vocational Education and Training Project-Second (EVENT-II); **Donor:** World Bank Nepal; **Project Description:** The objective of consultancy was to undertake an Impact Evaluation of EVENT-II project; **Position held:** Impact Evaluation Expert; **Activities Performed:** Finalization of the design of the Profession Training program evaluation including the baseline; Provide technical support to the PS and the survey firm with sampling, questionnaire finalization, pilot implementation, and any other task required to carry out the survey to maintain the integrity of the evaluation; Supervise the survey firm during the data collection process.
- 27. Name of assignment:** Study on Forecast Based Action (FbA); **Year:** May-June, 2021; **Location:** Kathmandu with visits in program districts (Bardiya, Kailali); **Client:** Danish Red Cross; **Donor:** EU; **Project Description:** The objective of consultancy was to assess the municipality readiness for the forecast based action; **Position held:** Municipal Finance & Economic Expert; **Activities Performed:** Review of DRR and Social Protection legislations and policies for integration to Forecast Based Action. Provide recommendation for advocacy to local, provincial, and federal level of governments.
- 28. Name of assignment:** Green Climate Fund Readiness Program; **Year:** December 2019- February 2021; **Location:** Kathmandu with visits in selected municipalities; **Client:** Ministry of Finance (MoF); **Donor:** UNDP; **Project Description:** Review the country climate risk financing frameworks and prepare the M&E and Standard Operation Procedure (SOP) for the Nepal Green Climate Fund (GCF); **Position held:** M&E Specialist; **Activities Performed:** Developed M&E plan of GCF Country Programme and Standard Operation Procedure (SOP) for annual participatory review of GCF portfolio in Nepal. The task activities comprehensive review of the documents, policies, and consultation with the Ministries, Departments, District Level Government Agencies, and selected municipalities.
- 29. Name of assignment:** Estimation of social, economic and other forms of disparity in provinces and local levels (urban & rural municipalities) in Nepal; **Year:** December, 2018-February, 2019; **Location:** Nepal; **Client:** National Natural Resources and Fiscal Commission (NNRFC), Government of Nepal; **Project Description:** The main objective of this assignment was to estimate the disparity index of the provinces (7) and local levels (753) of Nepal. The disparity index provided criteria for the government to allocate the government resources in provinces and municipalities; **Position Held:** Economist & Statistician; **Activities Performed:** propose appropriate methodology for the estimation of discrimination/disparity index of municipalities (753) and provinces of Nepal, identification of economic, financial, social, environmental, & infrastructural indicators, ensure the validation and reliability of data, study report writing and periodic reporting.
- 30. Name of assignment:** Comprehensive School Safety (CSS)/ Technical support to government of Nepal, Ministry of Education; **Year:** June- December, 2018; **Location:** Nepal; **Client:** Ministry of Education, Science and Technology (MoEST); **Donor:** UNICEF Nepal; **Project Description:** The main objective of the project was to develop comprehensive school safety guideline and communication & dissemination strategy for Ministry of Education; **Position Held:** Resilience Expert; **Activities Performed:** Project planning, resource allocation, comprehensive review of literatures, government & non-government stakeholders consultation, drafting and finalization of CSS guidelines, develop communication & dissemination strategy, need assessment, act as a resource person, contribute in training & orientation manual, sharing and dissemination of the outputs.
- 31. Name of assignment:** Climate, Vulnerability and Resilience (CVR) Assessment of WASH SDG project in Sunsari and Sindhuli districts of Nepal; **Year:** January-February,

2018; **Location:** Sunsari, Sindhuli / Nepal; **Client:** Plan International; **Project Description:** The assessment aimed to recommend the WASH SDG project is to identify the project activities and develop financing plan; **Position Held:** Team Leader; **Activities Performed:** Survey design, administration, analysis of the data and report writing.

- 32. Name of assignment:** Gender and Social Inclusion (GESI) Assessment of WASH SDG project in Sunsari and Sindhuli districts of Nepal; **Year:** March-April 2018; **Location:** Sunsari, Sindhuli / Nepal; **Client:** Simavi, Netherland; **Project Description:** Identification of GESI related activities in WASH SDG; **Position Held:** Technical Expert; **Activities Performed:** Survey design, administration, analysis of the data and report writing.
- 33. Name of assignment:** Project Preparation and Technical Assistant to Urban Water Supply and Sanitation Project (UWSSP); **Year:** December, 2017-March, 2018; **Location:** Kathmandu with frequent visits to Districts; **Client:** Department of water supply and sewerage (DWSS)/ADB; **Project Description:** The assignment aimed at preparing the financial and economic analysis for the additional financing from ADB; **Position Held:** Financial & Economic Specialist; **Activities Performed:** Preparation/Update Financial Analysis, Economic Analysis, Update the Financial Management Assessment, Procurement Capacity Assessment and Risk Assessment and other related loan processing requirement of ADB. Assist team leader for preparation of documents as detailed out in scope of work. Attend in the meetings as necessary and provide support to the team members.
- 34. Name of assignment:** Final Evaluation on Disaster Risk Management and Humanitarian Preparedness; **Year:** December 2017-January, 2018; **Location:** Kathmandu with visits to program districts; **Client:** Oxfam Nepal; **Position Held:** Resilience Expert, **Activities Performed:** Review project documents, evaluation design, field assessment, data analysis, and lead in writing the study report.
- 35. Name of assignment:** Enhancing preparedness for emergency response through stronger national systems in Nepal with focus on Far western and Mid-western Regions; **Year:** August 2017-November, 2018; **Client:** Danish Red Cross; **Position Held:** DRR Specialist; **Activities Performed:** strengthen and consolidate DEOC capacities and functionality in Banke, Bardiya Dang, Kailali and Darchula districts, including Information Management platforms, in consultation with Government and key stakeholders; orientation, capacity building, development of standard operating procedure (SOP), develop & strengthen the non-disaster time data collection system, develop Information & Management Platform (IM).
- 36. Name of assignment:** PRAGATI-Promoting resilient cities and sustainable urban growth by augmenting DRR capacity of local authorities through active private sector involvement; **Year:** August 2017-December, 2018; **Client:** Kathmandu and Lalitpur Metropolitan Cities; **Position Held:** DRR & CC Specialist/NDRC Nepal; **Donor:** European Union (EU) with consortium Partners: DCA, ADRA, & VSO; **Activities Performed:** project design, development of monitoring and evaluation framework, project execution, and monitoring; establishment of Local Emergency Operation Centre (LEOC), training and orientation to local representatives in DRR integration in annual plan, assessment of private sector involvement in DRR, development of DRR Information and Management (IM) platform, support to prepare DRRM plan of the municipality (LDCRP) and private sectors.
- 37. Name of assignment:** SURAKSHIT SAHAR: Urban DRR project in Kathmandu Valley: Urban resilience through DRR strengthened in Kathmandu Valley; **Year:** August 2017-January, 2018; **Donor:** Basket Fund of consortium partners- LWR, ADRA Nepal, DCA, and VSO; **Position Held:** DRR & Climate Change Specialist /NDRC Nepal; **Activities Performed:** project design, development of monitoring and evaluation framework, project execution, and monitoring, training and orientation to local representatives and

community health & education professionals on integration of DRR in annual plan, support on Search and Rescue (SAR) materials, preparation of standard operation manual for SAR material, risk assessment and risk mapping.

- 38. Name of assignment:** Nepal Urban Resilience Project (NURP): Scoping Study; **Year:** September, 2016-March, 2017; **Location:** Kathmandu with frequent visits to Districts; **Client:** ADRA Nepal; **Donor:** DFID Nepal; **Project Description:** The project aimed to assess the scoping study for urban resilience project. In addition, it also reviewed the financing sources and constraints in resilient structures and development in the new emerging cities in Nepal; **Position Held:** Financial & Disaster Resilience Expert; **Activities Performed:** Review of the relevant documents, study design, tools & checklist preparation, participate in field study, consultation with the donors, INGOs, ministries, departments, municipalities, writing the major section of the report, sharing and dissemination.
- 39. Name of assignment:** Evaluability Assessment for Nepal Climate Change Support Programme: Second Phase; **Year:** September- December, 2017; **Client/Donor:** LTS UK for DFID NCCSP2 transition phase; **Position Held:** National Consultant; **Activities Performed:** *Identification, collation and review of relevant documentation (and proxy data) that could be used to evaluate NCCSP2 – some of which may only be in Nepali – in collaboration with the Task Team Leader and the Team Leader. Attend relevant meetings as required (e.g. the proposed meeting of NCCSP2 design/transition teams). Engagement with NCCSP2 transition team to ensure relevant elements of the Evaluability assessment work can be integrated into the NCCSP Evaluation Strategy, including looking at the municipality as the ‘unit of evaluation’.*
- 40. Name of assignment:** Collaborative Research: Impact of Climate Change Finance on the Poor who are Climate Vulnerable; **Year:** December, 2016 to June, 2017; **Location:** Kathmandu with frequent visits to Districts; **Client:** Ministry of Agriculture (MoA); **Donor:** UNDP Nepal; **Project Description:** The project aimed to assess the scoping study for urban resilience project. In addition, it also reviewed the financing sources and constraints in resilient structures and development in the new emerging cities in Nepal; **Position Held:** Lead Researcher/Economist & Statistician; **Activities Performed:** Designing the research framework, reviewing relevant documents (policies, study reports, etc.), reviewing relevant literature on implementation of climate initiatives at national and sub-national level, developing study plan, checklist and questionnaire, participating in the field visits to districts and village development committees, to collect first-hand evidence on climate change initiatives’ achievements, interviewing key government officials, sector representatives, beneficiaries and other stakeholders, relevant community organizations, user groups and donors concerning performance of climate investment; analyzing available data to document the extent to which the investment achieved its intended objectives; coordinate with the team members, engage them and receive their contribution in the research.
- 41. Name of assignment:** Project scoping study for delivering Water and Sanitation Services in Small Towns in support of Nepal’s Fifteen Year Plan (2015-2030) for small town water supply and sanitation; **Year:** February-July, 2016; **Location:** Kathmandu with frequent visits to Districts; **Client:** World Bank (WB); **Project Description:** World bank aimed to explore the possibility of financing urban water supply projects in Nepal. One of the component of the study was to assess the economic benefits and financial challenges/constraints of the small town water supply projects funded by ADB; **Position Held:** Economic and Financial Specialist; **Activities Performed:** Assessment of piped water supply and sanitation services in the selected small towns, capacity of the department of water supply and sanitation (DWSS) and participating local institutions in project plan and operation, and review the socio-economic dynamics of selected water supply schemes. Identify the issues of water revenue collection. Economic assessment of current water tariff and analysis of tap water consumption behavior. Assess the unit cost, operation cost, availability of land and perceived need of the sewerage system.

Identify the GAPS in the water users and sanitation committees (WUSC) and understand the issues of women, children and disadvantage groups. Review of documents, consultation at concerned Ministries, Departments, and local consultation at the selected water supply and sanitation schemes. Visit three of the water supply and sanitation schemes. Consultation with members and officials at WUSC, municipalities, district development committees (DDC), and local political representatives.

- 42. Name of assignment:** IEG Project Performance Assessment for Nepal Second Water Supply and Sanitation Project; **Year:** November 16, 2016 to March 31, 2017; **Location:** Kathmandu with frequent visits to districts; **Client:** World Bank (WB); **Project Description:** The study assessed the performance of the project based on the WB project performance guideline. Among several performance indicators, economic and financial indicators were also examined; **Position Held:** National Consultant; **Activities Performed:** Reviewing internal project documents (Project Documents, ICRs, ISRs, ICR Review, correspondence, etc.); Reviewing any relevant literature on implementation of rural water supply and sanitation infrastructure in Nepal around the project implementation period and on the evidence of success/failure of the demand driven and community-based approach to promote good governance and project sustainability; Participating in field visits to Nepal to collect first-hand evidence on project's achievements; Interviewing key Bank staff, Government officials, sector representatives, project beneficiaries and other stakeholders, relevant NGOs, water user groups, and donors in Nepal concerning project's performance; Analyzing available data to document the extent to which the operation achieved its intended objectives in respect of the second development objective, including data noted in the ICR Review that could have been utilized in the ICR; Leading specific sections of the PPAR report.
- 43. Name of Assignment:** Strengthening National Climate Change Impact Survey (NCCIS) Process of Central Bureau of Statistics (CBS), Government of Nepal; **Year:** February, 2016 to March, 2017; **Location:** Kathmandu with frequent visits to Districts; **Client:** Practical Action; **Project Description:** Develop nationally representative climate change database of the country to inform the impact of CC by sectors and adaptations options in the survey districts; **Position Held:** Task Team Leader; **Activities Performed:** Review relevant documents and literature on impact of climate change and adaptation, support CBS to finalize the methodology of the survey questionnaire, leading workshop and receive feedback, finalize the questionnaire, coordinate with thematic expert & receive their inputs, contribute in survey manual, participate in training to enumerators and survey monitoring, develop report format and analysis plan, analyse the data and lead sections of NCCIS report; Key Areas: Forest, Water & Energy, Agriculture, Urban, Health, Tourism, Gender, and Disaster.
- 44. Final Evaluation of Ghorahi Community Development Project in Dang district;** **Year:** April-May, 2017; **Location:** Kathmandu with frequent visits to Districts; **Client:** Habitat for Humanity Nepal; **Project Description:** Main aim of the project was to assess the livelihood recovery of the project implemented by Habitat for Humanity Nepal; **Position Held:** Lead Consultant; **Activities Performed:** Study design, review of documents, consultation with local government & local implementing partner, quality assurance, drafting part of the report, etc.
- 45. Name of Assignment:** Final Evaluation of "Strengthening of Female Headed Households Project" (Phase II); **Year:** May-June, 2016; **Location:** Kathmandu with frequent visits to Districts; **Client:** Habitat For Humanity Nepal; **Project Description:** Project intervened the flood impact female headed households' recovery; **Position Held:** Consultant; **Activities Performed:** Study design, review of documents, consultation with local government & local implementing partner, quality assurance, drafting part of the report, etc.
- 46. Name of Assignment:** Evaluation of Multi-Stakeholders Forestry Program (MSFP) in Nepal; **Year:** April-August, 2016; **Location:** Kathmandu with frequent visits to Districts;

Client: National Planning Commission (NPC) of Nepal; **Project Description:** Multi-donor funded project was implemented in various districts of Nepal. The study aimed to evaluate the project outputs and outcomes against the set indicators; **Position Held:** Economist and Statistician; **Activities Performed:** Review of project documents, checklist and questionnaire preparation, training to enumerators, field assessment, drafting the study report, reporting and dissemination.

- 47. Name of Assignment:** Final Evaluation of Family Financial Planning Education Training; **Year:** April- May, 2016; **Location:** Kathmandu with visits to Districts; **Client:** World Education; **Project Description:** World education implemented the financial literacy training to potential and returnee migrant households; **Position Held:** Task Team Leader; **Activities Performed:** Review of the project documents, questionnaire preparation, and administration of enumerators, data mining, analysis, and report writing.
- 48. Name of Assignment:** Economic Recovery Need Assessment in Kavre District; **Year:** February-March, 2016; **Location:** Kavre, Nepal; **Client:** Handicap International; **Project Description:** The study was implemented with support from the Handicap International in Kavre to identify the economic need of the earthquake impact households; **Position Held:** Livelihood expert; **Activities Performed:** Study design, review of the project documents, checklist preparation, analysis, and report writing.

SELECTED PUBLICATIONS

- a. Timilsina, R. R., Rahut, D. B., Gautam, M. S., Mishra, R., & Sonobe, T. (2023). Are households shifting toward cleaner cooking fuel? Empirical evidence from India during 2005-2021. *Frontiers in Environmental Economics*, 2, 1137248.
- b. Bogati R., **Gautam M.S.** (2020) Disaster Recovery Toward Attaining Sustainable Development Goals. In: Leal Filho W., Azul A., Brandli L., Lange Salvia A., Özuyar P., Wall T. (eds) No Poverty. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham. https://doi.org/10.1007/978-3-319-69625-6_56-1
- c. Wali, N., Georgeou, N., Simmons, O., **Gautam, M. S.**, & Gurung, S. (2020). [Women and WASH in Nepal: a scoping review of existing literature](#). *Water International*, 45(3), 222-245.
- d. Shrestha, U. B., Shrestha, A. M., Aryal, S., Shrestha, S., **Gautam, M. S.**, & Ojha, H. (2019). [Climate change in Nepal: a comprehensive analysis of instrumental data and people's perceptions](#). *Climatic Change*, 1-20.
- e. **Gautam, M.S.**, Georgeou, N., Phillips, M., Pyakurel, U., Wali, N., & Clayton, E. (2018). Women and WASH in Nepal: Key Issues and Challenges, Humanitarian and Development Research Initiative, Western Sydney University, 2018. Available [here](#).
- f. National Reconstruction Authority and National Disaster Risk Reduction & Management Authority (2020). *Local Government towards disaster resilience: A training manual on resilient reconstruction and development*. Kathmandu, Nepal.
- g. National Reconstruction Authority and National Disaster Risk Reduction & Management Authority. (2021). *Manual for hands-on training to engineers on slope stabilization techniques*. Kathmandu, Nepal.
- h. National Reconstruction Authority and National Disaster Risk Reduction & Management Authority (2021). *Mainstreaming Disaster Risk Reduction into Construction Works: Resilient Infrastructures*. Kathmandu, Nepal.
- i. Impact of Climate Change Finance in Agriculture on the Poor [http://moad.gov.np/public/uploads/1405688690-Collaborative%20Research%20\(1\).pdf](http://moad.gov.np/public/uploads/1405688690-Collaborative%20Research%20(1).pdf)
- j. National Climate Change Impact Survey 2016

http://cbs.gov.np/image/data/2017/National%20Climate%20Change%20Impact%20Survey%202016%20Report_final.pdf

- k. Foreign Aid and Public Policy Process in Nepal: A case of Forestry and Local Governance: <https://www.sias-southasia.org/publications-category/foreign-aid-and-public-policy-process-in-nepal-a-case-of-forestry-and-local-governance/>