BASHU DEV PANDEY

Curriculum Vitae

**Permanent Address**

Dasharath Chand Municipality-3

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**PERSONAL INFORMATION**

Nationality: Nepali Date of Birth: 1981 October 18 Marital Statuses: Married

**KEY SKILL AREAS**

* More than 13 years of extensive working experience having Bachelors degree in Civil Engineering and demonstrable experience in integrating climate change into design and construction of infrastructure projects.
* Work experience in the remote areas in sectors of Infrastructure construction like irrigation (canal/ponds), micro hydro, buildings, Water, Sanitation and Hygiene, CCA/DRR, landslide/riverbank protection structures(bio engineering)
* Working experience with governments, rural areas poorest and most vulnerable communities, participatory planning/working at community level, and other field level partners (NGOs, line agencies etc.), bilateral projects (RVWRMP & RWSSP-WN) and UNDP/UNCDF.
* Multi million Euro/USD grant management
* Knowledge on Capacity building of the GoN to plna and implement climate change adaptation programs in the WASH sector. First MWASH plan prepared leaving no one HH behind.
* Partnership management and capacity building
* Liaising and coordinating with donors and government
* Knowledge and practice on different sanitation and hygiene approach including Community Led Total Sanitation (CLTS) and Participatory Hygiene and Sanitation Transformation (PHAST)
* Knowledge and practice at local level on Integrated Water Resource Management (IWRM), Multiple Use of Services (MUS) and Water Demand Management (WDM)
* Knowledge and practice on mainstreaming gender and equity, social protection and downward accountability into WASH program
* Comprehensive understanding and implementation of projects underpinned to Disaster Risk Reduction (DRR) approach for building resilient communities.
* Conducting training and workshops, managing and supporting staffs and implementing partners
* Working experience on hydraulic and structural designs, field layouts, planning and execution of detail surveys for a variety of rural infrastructures.
* Knowledge on technical aspects for planning and ensuring operation and maintenance (O&M) for sustainability of schemes.
* Keen on adopting and demonstrating innovative approaches and can carry out relevant technical and management tasks as instructed.

**EDUCATION**

* Master of Science in Interdisciplinary Water Resources Management from Pokhara University (Nepal Engineering College, Centre for Post Graduate Studies), Kathmandu, Nepal, 2015
* Bachelor of Science in Civil Engineering from Pokhara University (Pokhara Engineering College),Pokhara, Nepal, 2003
* e-Learning technical course on Wastewater Treatment and Management of Urban Solid waste, Certificate obtained Total effort:255 hours, Duration: 02/2016 to 07/2016, Hydroaid-Water for Development management Institute, Turin, Italy
* Technical Traineeship in Turin Italy, participated with merit in the Training program on Wastewater Treatment and Management of Urban Solid waste, Certificate obtained Total effort: 90 hours, Duration: 09/10/2016 to 28/10/2016, 3 weeks, Hydroaid-Water for Development management Institute, Turin, Italy
* e-Learning technical course on Sustainable Planning and Economic Regulation of Water Services, Certificate obtained Total effort: 200 hours, Duration: 03/2017 to 06/2017, Hydroaid-Water for Development management Institute, Turin, Italy
* e-Learning technical course on Governance of Environmental and Water Services, Climate Change and Right to Water, Certificate obtained Total effort: 240 hours, Duration: 12/2018 to 06/2019, Hydroaid-Water for Development management Institute, Turin, Italy

**WORK EXPERINCES**

* 4.4 years’ experience with Decentralized Financing and Development Programme (DFDP)(Funding from UNCDF & DFID) as Field Officer
* 2.4 years’ experience with Rural Energy Development Programme (REDP) (Funding from ADB WB &GoN) in District Development Committee as Energy Development Officer.
* 2.2years’ experience with Rural Village Water Resources Management Project-II (RVWRMP-II) bilateral projects supported by GoF&GoNas Water Resources Officer.
* 4.8 years’ experience with Rural Water Supply and Sanitation Project in Western Nepal- Phase II (RWSSP-WN II) bilateral projects supported by GoF&GoNas District WASH Adviser.
* 3 month experience as Freelancer & working in Municipalities WASH Plans, DPR preparation

**District WASH Adviser (From August 2014 to June 2019)**

**RWSSP-WN II,** [**www.rwsspwn.org.np**](http://www.rwsspwn.org.np)

**Description of Duties:**

* Support the local government in planning, coordinating and funding of the WASH sector activities in the district.
* Facilitate regular planning and reporting of the district project to local government, RWSSP-WN and the two governments.
* Assist local government to apply RWSSP-WN support and in setting priorities and in selection of water supply schemes for implementation.
* Provide training and assistance for district personnel and assist in the training of local government committees, WUSCs and other WASH actors, including D-WASH-CC and R/M-WASH CC.
* Ensure that decisions are based on GESI principles and include DAG and poor. Mainstream GESI principles into all monitoring and capacity building activities.
* Support preparation of Water Safety plans, and mainstream climate change and disaster risk reduction into local-level planning
* Follow‑up activities of and performance of all partners in her/his district in the WASH sector and identify needs for further institutional support and capacity building
* Prepare and submit monthly, biannual and other status reports as needed to PSU.
* Facilitate and monitor the operations of MWF on behalf of RWSSP-WN.
* Assist in the monitoring of all aspects of project progress and finances; participate in the RWWSP-WN Monitoring Task Force with regular local government and scheme-level monitoring and update of MIS.

**Key results and achievements:**

* Pioneer Municipality WASH Plan prepared using KoBo apps for HH survey (Harinash Rural Municipality, Syangja District, Province-4)
* Completion of All Planned 40 number of Gravity, Lift (Solar Electricity) Drinking water supply schemes in the assigned district.
* 21 local levels (Village Development Committee) WASH plan updated and prepared.
* 50 wards of local levels declared Total sanitation local Wards.
* Deep Tubewell Schemes & Arsenic related works in Terai.
* More than 100 Gravity & Lift (Solar & electricity) Water supply schemes have water safety plans with climate change and disaster risk reduction &implemented.
* Completed the all planned WASH activities reporting and monitoring of all aspects of projects with excellent physical & financial progress.
* Ensured the decisions are based on GESI principles throughout the project cycle and included DAG and Poor. In each project activity in different level 50% women’s participation is ensured and proportional participation from all ethnicity. Water supply scheme structures (Taps) and Public, Institutional (health post, temple, clubs, Mother Group buildings) & School (PIS), toilets constructed user friendly.

**Water Resources Officer (From January 2011 to March 2013)**

**RVWRMP-II**[**www.rvwrmp.org.np**](http://www.rvwrmp.org.np)

**Description of Duties:**

* Contribute to development and supervision of technical aspects of the Gravity Water Supply, Rain Water Harvesting, Sanitation, Irrigation and Renewable energy schemes in the Project working VDCs.
* Develop appropriate Rural Technologies and systems which can be planned, designed, built and maintained by UCs and VDCs.
* Contribute directly to the technical training
* Coordinate and monitor technical training.
* Provide technical support to the schemes.
* Coordinate and monitor technical training.
* Contribute to scheme monitoring to ensure technical quality.
* Support water quality related activities, including development of water safety plans and related training and IEC materials.
* Provide advice and support to development of water safety Plans.
* Monitor Implementation of Water Safety Plans.

Others

* + Support in CBT training to V-WASH-CC for New WUMP Preparation.
  + Support in Solid Waste Management Study in KhalangaDarchula with RWMP expert
  + Support in WUMP Review Workshop in Programme VDCs
  + Facilitate UC/VMW management training.
  + Support UCs in Procurement process.
  + Support in Evaluation of SOs for selection in Bajura district.
  + Facilitate and monitor the operations of DWRDF on behalf of the RVWRMP
  + Support to ensure proper follow of implementation guideline and step by step procedure.
  + Facilitate DDC to establish appropriate monitoring and evaluation mechanism in the sector.
  + Facilitate/assist to PSU/DoLIDAR in performance evaluation of SO, VDC and DDC.
  + Facilitate DDC to release fund to Users Committees in time
  + Facilitate to prepare agreement among stakeholders for various phases of scheme implementation.
  + Assist VDC to prepare Water User Master Plan (WUMP)
  + Support to prepare Bi-monthly report and annual report including DWRDF status.

**Key results and achievements:**

* 6 local levels Water Use Master Plan updated and prepared.
* Support to District technical office Darchula for preparing design estimate and supervision of around 15 Gravity water supply schemes, 1 micro hydro power and 1 Multiple Use application of water scheme completed
* Supported local community in each scheme area for income generating activities both on farm as commercial agriculture farms and off farms as micro-enterprises.
* Home garden promotion in each household of scheme area for improving the nutrition and rural livelihoods

Other accomplished works

• Support in CBT training to V-WASH-CC for New WUMP Preparation.

• Support in Solid Waste Management Study in Khalanga Darchula with RWMP expert

• Support in WUMP Review Workshop in Programme VDCs

• Facilitate UC/VMW management training.

• Support UCs in Procurement process.

• Support in Evaluation of SOs for selection in Bajura district.

• Facilitate and monitor the operations of DWRDF on behalf of the RVWRMP

• Support to ensure proper follow of implementation guideline and step by step procedure.

• Facilitate DDC to establish appropriate monitoring and evaluation mechanism in the sector.

• Facilitate/assist to project in performance evaluation of SO, VDC and DDC.

• Facilitate DDC to release fund to Users Committees in time

• Facilitate to prepare agreement among stakeholders for various phases of scheme implementation.

• Assist VDC to prepare Water User Master Plan (WUMP)

• Support to prepare Bi-monthly report and annual report including DWRDF status.

**Energy Development Officer (July 2008 to December 2010)**

**REDP**[**www.aepc.gov.np**](http://www.aepc.gov.np)

**Description of Duties:**

* Provide leadership to operate the District Energy and Environment Section for planning implementation and institutionalization of the participatory and decentralized energy systems development package in the district.
* Manage and maintain the database and fund related to rural energy systems development programmes.
* Establish and operate Rural Energy Development Section, District Energy Fund and District Energy Committee at the district level under the DDC.
* Prepare and conduct human resource development package as required at the district and community levels.
* Provide advisory supports to Support Organisation, Private Sector and community people for undertaking of rural energy systems development for poverty reduction, environment management and strong social capital building at local levels.
* Assist the DDC in selection of local NGO to work as Support Organisation and support in implementation or Community Mobilization package in programme VDCs.
* Assist the DDC in identification of a private sector workshop to provide technical backstopping for rural energy technologies at the district level.
* Work as a trainer and resource person in the training, workshop seminars, orientation and exposure visits organised by the programme for various categories of participants.
* Prepare a monthly, quarterly progress report on all activities being done at the local level and will document the implementation of all programme activities.
* Representation of REDP to partner organizations, donors, government, line agencies and other NGOs in relation to the project in the district.

**Key results and achievements:**

* Prepared the District Energy Situation report of Rolpa district.
* Completed 3 Micro hydro-power projects (20-70 kw).

**Field Officer (2004February to 2008 July)**

**DFDP**

**Description of Duties:**

* Assisting Office of District Development Committee to carry out participatory planning process.
* Technically assist the DDC Board in prioritization of projects so as to ensure optimum utilization of the limited means and resources.
* Preparing the Project Funding Matrix and Submitting to DFDP.
* Assisting DDC to carry out assessment of Minimum Conditions and provide technical backstopping on meeting the Minimum conditions and Performance Measures.
* Experience in construction and civil works for community projects.
* Carry out technical performance audit of infrastructure projects and conduct Social audit for transparency.
* Technical examination and feasibility analysis of potential surveyed projects.
* Survey, design, and cost estimate of the Micro Infrastructure Projects as Farmer Managed Irrigation, Water and Environment Sanitation program, School and Community buildings.
* Monitor independently technical standards and quality during implementation in field to ensure sustainability of supported Infrastructure Projects.
* Identify and develop simple low cost and economically beneficial designs, standards and processes for implementation.
* Facilitate the annual work plans of the district.
* Assist DDC, VDC and UC/CO for implementing the project.
* Assist DDC to prepare Capacity Development Plan and mapping out Capacity Development service provider.
* Assist DDC in preparing Monthly reports, Trimester progress reports and Annual Progress reports.
* Provide training to the Social Mobilizers and CO member for proper selection of project and its implementation process community level.
* Assist and supervise the subordinate staff.

**Key results and achievements:**

* 70 (Approximate) Micro infrastructure projects (water supply, irrigation, health post building, School Buildings, River Trainings, Foot Trail) technically assisted and completed.
* Pioneer of the indicator based Minimum Conditions and Performance Measures (MCPM) is provisioned for addition or deduction on the annual block grant of local bodies.

**PUBLICATION**

* Spring shed management intervention for Ground WaterRecharge and Spring Revival, in A journal on Rural Infrastructure Development, Vol.7, Issue 7, Bhadra 2073 Society of Engineers for Rural Development, Nepal (SERDeN)
* Master’s thesis on, “Post Open Defecation Free Zone Assessment of Gugauli Village Development Committee, Kapilvastu towards achieving Total Sanitation”, Pokhara University, September 2015,[www.rwsspwn.org.np](http://www.rwsspwn.org.np)
* Final Project work on Solid Waste Management System in Byas Municipality Damauli, Tanahun, Nepal, Submitted to Hydroaid-Water for Development management Institute, Turin, Italy to achieve the certificate of Attendance.
* Lifting water for the unserved- but for how long? Functionality of 100 Lift Schemes in RWSSP-WN, in A journal on Rural Infrastructure Development, Vol.9, Issue 9, Bhadra 2075 Society of Engineers for Rural Development, Nepal (SERDeN)
* Experience and Learning's gained in the WASH sector , in Sanitation bulletin, 2075 Ashad- 2076 Ashad, Year 8, combined Vol 17-18 Government of Nepal, Ministry of Water Supply, Secretariat of National Sanitation and Hygiene Coordination Committee (www.ess.gov.np)

**TRAINING/WORKSHOP/SEMINAR**

* Participated Training on **NWASH System Operation training Program** jointly organized by National Water and Sanitation Training Center (NWSSTC) and National Management Information Project (NMIP) from **12-15 September 2019**
* Participated Training on **Water Supply & Sanitation Norms, Standards & Policy Departure** conducted by Department of Local Infrastructure (DoLI), **May 22-23, 2017**
* Participated Training on **Systematic Behaviour Change Communication Training on WASH** conducted by RWSSP-WN, Phase II, **May 17-20, 2017**
* Participated Training on **Ground Water Recharge & Spring Revival Training** conducted by RWSSP-WN, Phase II, **February 10-15, 2016**
* Participated Training on **Lift Water Supply System Design Training & Orientation on CCA/DRR** conducted by RWSSP-WN, Phase II, **August 29 to September 2 2015**
* Participated Training on **Disaster Recovery and Reconstruction in Changing Context** conducted by Nature's Conservation(P.) Ltd, **9-11 July, 2015**
* Participated Training on **Disaster Risk Management in the face of Climate Change** conducted by Nature's Conservation (P.) Ltd, **18-20 February, 2015**
* Participated Training on **Master Training of Trainers on Sanitation and Hygiene** conducted by RWSSP-WN, Phase II, **October 13-17, 2014**
* Participated Training on **Integrated Water Resources Management** conducted by Nepal Engineering College/ Saci Waters, **October 3-8,2013**
* Participated Training on **Water Safety Plan Training** conducted by Rural Village Water Resources Management Project-II, **July 30 to August 02, 2011**
* Participated Training on **Gravity Water Supply Scheme Design Training** conducted by Rural Village Water Resources Management Project-II June 8 – 14, 2011
* Participated Training on **Technical Refresher Training** conducted by Rural Village Water Resources Management Project-II,**January 18 -20, 2011**
* Participated Training Program on **Project Management** conducted by Management Association of Nepal(Man) from AEPC, REDP **September 26 to October 04, 2010**
* Participated Training on **Training and Exposure visit programme in Bangladesh** conducted by Decentralized Financing and Development Programme **30 Dec2007 -06 Jan. 2008**
* Participated Training on **Monitoring and Reporting Skills** conducted by Decentralized Financing and Development Programme **May 10-13, 2006**.
* Participated Training on **Managerial Communication and Facilitation Skills** conducted by Organization Development Center **December 5-9,2005**
* Participated Training on **Conflict Sensitive Development** conducted by Decentralized Financing and Development Programme **May 2-4, 2005**
* Participated Training Course on **Monitoring and Evaluation** conducted by Decentralized Financing and Development Programme **September 8-12, 2004**
* Participated Training on **Orientation Training** conducted by Decentralized Financing and Development Programme **March 9-14, 2004**

**COMPUTER SKILLS**

Conversant in all MS Office packages, including Word, Excel, Power Point as well and internet and email, basic in GIS and Auto Cad, Management Information System (MIS), Design software (Water Supply, irrigation, Ferro cement lined Tank, Plastic Water harvest Pond, Recharge pond) KoBo & mWATER Apps, NWASH System Operation

**MEMBERSHIP IN PROFESSIONAL SOCIETY**

* Life member of Nepal Engineers' Association (NEA)
* General Member of Nepal Engineering Council (NEC)

**LANGUAGE**

Mother tongue Doteli (Far West of Nepal), Fluent in Nepali, Fluent in English and functional communication skills in Hindi, both reading and writing

**NATIONAL WORK EXPERIENCE DISTRICT**

Baitadi, Jumla, Rolpa, Doti, Darchula, Kapilvastu, Rupendehi, Arghakhanchi, Tanahun, Nawalparasi

**INTERNATIONAL EXPOSURE**

India, Bangladesh, Italy, France, Germany

**References:**

1. Name: **Dr. Sanna-Leena Rautanen**

Organization: Rural Water Supply and Sanitation Project in Western Nepal-Phase II

Post: Chief Technical Adviser

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