

WWF NEPAL POSITION DESCRIPTION

Name	:	
Position Title	:	Sustainable Infrastructure Specialist
Reports to	:	Conservation Program Director

I. Major Functions:

Sustainable Infrastructure Specialist will be responsible for understanding the potential impact of large infrastructure on conservation and develop strategic ways to address the issue in an amicable manner. Under the supervision of Conservation Program Director, the Sustainable Infrastructure Specialist will be responsible to build capacity of Government, Civil society, and Development partners and coordinate with concerned agencies to promote Sustainable Green Infrastructure to reduce adverse impacts of infrastructure on the ecosystem and biodiversity.

II. Major Duties and Responsibilities:

1. Technical support to reducing the adverse impacts of infrastructure development

Working closely with the supervisor, internal and external stakeholders both from the field and center, the incumbent will undertake the work for sustainable green infrastructure in general and WWF's priority landscapes (Terai Arc, Sacred Himalaya and Chitwan-Annapurna Landscapes and National conservation Priority areas) to address the adverse impacts of infrastructure development on biodiversity, freshwater, and forests. This includes but is not limited to; identification and mapping of planned new infrastructures on the landscapes; review of environmental and social impacts, impacts from unsustainable extraction of construction materials; reviewing developers' environmental impact assessments (EIA/IEE); identifying cumulative impacts of multiple infrastructures; coordinating stakeholder identification and participation in the E-flows process; and identifying best practices and mitigating measures in planning, design and implementation of key linear infrastructures. Anticipated major focus will be around development of hydropower projects, transmission lines, new roads and railway lines, highway expansion, irrigation system development, urban expansion among others.

2. Mainstreaming climate change and DRR in infrastructure work

Working closely with Climate and Energy thematic team, promote mainstreaming of climate adaptation and Disaster Risk Reduction (DRR) into the infrastructure sector, promote scenario planning with developers and donors to take account of possible climate and development scenarios. Support building climate resilience infrastructure through practices, protocols, and guidelines.

3. Building relationships with donors, developers, government for policy and best practices

Develop working relationships with developers, donors and relevant government departments, local and state governments to promote policy and best practices in infrastructure development. Provide inputs in policies related to infrastructure development and natural resources safeguards. This responsibility may include coordination with different CSO/Network/interest groups that are actively engaged in any infrastructure development project in the country.

4. Work as Focal Point for Safeguards & Regional Infrastructure related projects

Work as focal point for safeguards in all infrastructure related works as demanded by regional or infrastructure related projects.

5. Provide technical support in Green Recovery

Work closely with WWF core team, disaster relief committees, donors and other networks, promote awareness, provide technical advice, and develop a strategy for Green recovery and reconstruction strategy, identifying priority needs and opportunities based on needs using WWF's existing experience, and knowledge.

6. Monitoring, Evaluation, Knowledge and Learning

Working closely with Monitoring and Evaluation staff, monitor progress of the infrastructure work and contribute to performance monitoring, progress reports and final program reports. Enhance knowledge and learning on best practices including Sustainable Green Infrastructure (SGI) practices; document lessons from infrastructure work and contribute to WWF Nepal's learning program. The incumbent should keep track of the progress in the field of infrastructure development, including at bilateral and multilateral levels. In addition, s/he should be continuously keeping track of public sector investment by local and state level governments in areas of WWF interest, particularly conservation landscapes and areas of biodiversity significance.

7. Communication and Technical Reporting

Promote communication of messages on infrastructure impacts and ways to reduce them, such as modeling tools for decision makers; awareness and outreach events; and production of publications, technical reports, and other materials; for key audiences including decision makers, developers, donors, practitioners, partners, and the general public. Communication work will be undertaken in coordination with WWF communication team.

8. Other Duties

Perform other duties as assigned by supervisor and play an active role in successful operation of the department.

III. Supervisory Responsibility: None

IV. Working Relationships:

Internal: This position is a cross cutting in nature. It needs to work closely with staff members from the goal team and landscape team in Kathmandu and relevant persons from the field team.

External: Interacts regularly with consultants, developers, donors, and Government of Nepal officials.

V. Minimum Work Requirements:

Knowledge: A Master's degree in Civil Engineering or Environmental Engineering or any related field is required.

Experience: At least 5 years of experience working on infrastructure development, with strong experience in environmental impact assessment/initial environmental examination is essential; roads and hydropower experience preferred. Knowledge and/or experience in green infrastructure, natural resources safeguards, DRR, and climate change adaptation is desirable.

Skills and Abilities:

- This position requires commitment to reducing adverse impacts of infrastructure on the environment.
- Strong analytical skills and ability to think outside the box; good facilitation and communication skills including written and spoken English is required.
- S/he should have the ability to work with a wide range of stakeholders including government, developers, donors, NGOs, and local community groups.
- S/he should be effectively able to prioritize and work under time constraints, using initiative and judgement.
- Strong interpersonal, diplomatic and team-player skills are essential.
- Identifies and aligns with WWF's core values: Courage, Integrity, Respect, and Collaboration:
 - Demonstrates courage by speaking up even when it is difficult, or unpopular.
 - Builds trust with colleagues by acting with integrity, owning mistakes, and holding oneself accountable.
 - Welcomes other points of view and ideas, recognizing and embracing different and contrary perspectives with kindness, curiosity, and encouragement.
 - Makes conscious efforts to promote cooperative practices, behaviors, and ways of working across many groups and individuals.

Accepted by
Employee: _____

Supervisor: _____

Approved by
Country Rep: _____