

Review Article

Changing the perception of forest value and attitude toward management in the conservation area in Nepal and sustainable forest energy: A Review

Birendra Pokharel¹, Ponlachart Chotikarn¹, Saroj Gywali²,

¹ *Faculty of Environmental Management, Prince of Songkhla University, Songkhla 90112, Thailand*

² *Sustainable Study and Research Institute, Kathmandu-16, Nepal*

* *Corresponding Author's E-mail: birendra.pokhrel@gmail.com*

(Received: March 01, 2023; Revised: May 05, 2023; Accepted: October 29, 2023)

ABSTRACT

This review paper analyzes the results of articles highlighting people's perceptions of the forest and its products, such as bioenergy. A keyword search identified 10 peer-reviewed articles focusing on perceptions, attitudes, and potential in the region from 2015 to 2022. An overview of the knowledge concerning the effects of bioenergy production on sustainable development and the people's perception of nearby Protected Areas will be presented. Due to climate change and the increasing scarcity of other natural resources, demand for biomass will inevitably increase, and so will the challenges of conserving and protecting forests. The positive attitude of people living in or around forests can contribute to preserving forest resources while helping locals to their standard of living, thus contributing to sustainable development. The biomass model used in Nepal is insouciant food security, sustainability, and the satisfaction of basic human needs and implies intragenerational equity. Conservation and management of protected areas are at risk, and the local governments need to identify the source of conflict and the relationship between local and protected areas when laws are against the preference of nearby communities in protected areas. Thus, devising rules on an ad hoc basis might reduce the conflict and help in sustainable development without endangering protected areas and the locals. Relationships that local communities have with protected areas are important to the success of those areas. However, it is difficult to capture park-people relationships at the spatial scale that make them useful for management and conservation planning.

Key words: Forest Value, Sustainable, Forest energy, Protected area, Perception

