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FOREST POLICIES IN THE NIZAM'S STATE OF HYDERABAD

Venkanna Kalthi[1]
Research Scholar, Department of History, Osmania University.

ABSTRACT

Situated in the centre of the Indian subcontinent, the State of Hyderabad[1], founded by the Nizam, served as a stronghold of princely authority, characterised by a diverse range of customs, traditions, and governmental systems. The state was founded during the turbulent era of British India, and it became a unique entity under the Nizams' rule[2], who ruled over a large and varied territory. Stretching from the vast Deccan Plateau to the vibrant metropolis of Hyderabad, the state's borders encompassed an area distinguished by its own historical path[3].

Established at the beginning of the 1724, the Nizam's State developed into a conglomeration of princely realms, incorporating elements of both Mughal and Persian governance systems[4]. The political climate of Hyderabad was defined by a careful balance of power, complex diplomatic ties, and a dedication to maintaining the unique identity of the region. A succession of Nizams oversaw the state's development[5].

The importance of the region's forests became a top priority for the Nizams as they attempted to manage the difficulties of governance. The state's varied terrain, which includes both lush forests and desert regions, highlighted the significance of these forested areas for the environment. Beyond their ecological significance, Hyderabad's forests were vital to the city's social structure, providing the local population with resources, income, and a means of subsistence[6].

The Nizam's State's forests were more than just a stand of trees; they were biodiversity repositories that supported a wide variety of species and maintained the state's ecological equilibrium. Furthermore, the forests were deeply ingrained in the daily lives and customs of the local inhabitants, giving them great cultural and spiritual significance.

KEY WORDS: *Indian Forest, History of Hyderabad, Revenue strategies, Nizam History.*

1.0 INTRODUCTION

Situated in the centre of the Indian subcontinent, the State of Hyderabad[7], founded by the Nizam, served as a stronghold of princely authority, characterised by a diverse range of customs, traditions, and governmental systems. The state was founded during the turbulent era of British India, and it became a unique entity under the Nizams' rule[8], who ruled over a large and varied territory. Stretching from the vast Deccan Plateau to the vibrant metropolis of Hyderabad, the state's borders encompassed an area distinguished by its own historical path[9].

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THE REGION'S FORESTS ARE IMPORTANT:

The importance of the region's forests became a top priority for the Nizams as they attempted to manage the difficulties of governance. The state's varied terrain, which includes both lush forests and desert regions, highlighted the significance of these forested areas for the environment. Beyond their ecological significance, Hyderabad's forests were vital to the city's social structure, providing the local population with resources, income, and a means of subsistence[12].

The Nizam's State's forests were more than just a stand of trees; they were biodiversity repositories that supported a wide variety of species and maintained the state's ecological equilibrium. Furthermore, the forests were deeply ingrained in the daily lives and customs of the local inhabitants, giving them great cultural and spiritual significance.

In light of this, the Nizam's State's forest policies become a crucial part of its historical story. The Nizams' attitude to striking a balance between environmental preservation, economic sustainability, and the welfare of the populations who depend on the forests was reflected in these measures, which were impacted by the historical background of the period. By exploring the subtleties of these policies, we learn about the administrative complexities as well as the significant effects they had on the livelihoods and landscapes of the Nizam's dominion[13].

HISTORICAL BACKGROUND

A. THE NIZAM'S STATE WAS ESTABLISHED

The origins of the Nizam's State can be found in the early 1724, when the Mughal Empire, which had hitherto ruled the Indian subcontinent without challenge, started to see a slow loss of central power. During this period of political unrest, the Deccan region which includes portions of modern-day Telangana, Andhra Pradesh, and Maharashtra became the centre of political realignment. The Mughal Emperor nominated the

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Nizams as viceroys, and they progressively asserted their independence and created a princely state[14].

In 1724, Mir Qamar-ud-din Khan, the first Nizam, established the state's foundation and designated Hyderabad as its capital[15]. A new political entity with a distinctive fusion of Persian administrative customs and native political frameworks was born with the founding of the Nizam's State. In order to protect their independence, the Nizams engaged in diplomatic wrangling with both regional powers and the British East India Company throughout the course of the ensuing decades.

1.1 ENVIRONMENTAL AND SOCIOECONOMIC FACTORS

The Nizam's State was shaped by a variety of social and environmental elements, which reflected the region's diversity and the difficulties its rulers encountered. With its diverse climates and topography, the Deccan Plateau offered a patchwork of ecosystems, from lush forests to parched plains. These varied landscapes were closely linked to the region's agrarian economy, as populations relied on pastoralism, agriculture, and forest resources for their subsistence.

Socio-economic factors including urbanisation, population expansion, and shifting land use patterns started to put pressure on the state's natural resources including its forests as it developed[16]. The Nizams had the dual challenges of providing for the environmental sustainability and satisfying the aspirations of an expanding populace. In light of this, forest regulations have become an essential tool for striking a balance between the region's ecological integrity and the socioeconomic requirements of its residents[17].

In addition to providing raw materials and timber, the forests were essential in controlling regional temperatures, halting soil erosion, and preserving biodiversity. Aware of these interdependent dynamics, the Nizams struggled to create policies that attempted to find a precarious balance between prosperity and conservation. In dissecting the historical fabric of forest policy in the Nizam's State[18], it is crucial to look at the ways in which these leaders dealt with the complex web of environmental and socioeconomic issues that were part of their domain.

1.3. EARLIER FORESTRY REGULATIONS:

A. NIZAMI REGIME POLICIES

1. METHOD FOR CONSERVING FORESTS:

Forest conservation became a key component of the early Nizams' government during their rule[19]. Policies to control and safeguard these essential ecosystems were put in place when it was realised how important forests are ecologically. Preventing over-exploitation, deforestation, and degradation of forested regions was the goal of conservation initiatives.

Understanding the fine line between human necessities and environmental preservation, the early Nizams put laws in place to prohibit illegal logging and grazing[20]. By including indigenous knowledge systems, these programmes frequently involved local populations in the management of forests. The idea was to emphasise that people have a symbiotic relationship with their natural surroundings and that everyone has a shared responsibility for preserving trees.

2. MAKING USE OF FOREST RESOURCES:

The Nizams simultaneously attempted to capitalise on the potential economic benefits of forest resources[21]. In order to promote the sustainable use of raw materials such as timber and non-timber forest products, policies were developed. Particularly valuable economically was timber, which was used for several sectors, including fuel and construction.

The regulations controlling the use of forest resources were designed to strike a balance between the need for environmental stewardship and economic development. Mechanisms for collecting forest revenue were put in place, giving the state a steady stream of income while making sure that exploitation stayed within the bounds of ecological viability.

B. BRITISH RULE'S EFFECT ON FOREST MANAGEMENT

Princely states like Hyderabad saw a change in their approaches to forest management with the arrival of British authority in India. Motivated by a utilitarian understanding of forests, the British colonial government aimed to extract as much as possible from the resources for financial benefit. The state of the Nizam's forest policies was significantly impacted by this influence[22].

1. THE SCIENTIFIC FOREST MANAGEMENT INTRODUCTION

The Nizam's State saw a change towards scientific forest management techniques under British influence[23]. To maximise the output of timber, the colonial government used ideas including selective logging, clear-cutting, and the creation of tea plantations. These techniques, which have their roots in European forestry principles, were designed to increase resource extraction efficiency[24].

2. REFORMS IN REVENUE COLLECTION

Reforms to the forest revenue collection system were also influenced by the British. Under pressure from shifting global trade dynamics and economic factors, the Nizams instituted new revenue arrangements that frequently put further financial strain on nearby populations who depended on forest resources[25]. This change was a reflection of how colonial economic policies affected the long-standing bond between local people and their natural surroundings.

Comprehending the interplay between the policies implemented by the early Nizams and the impact of British rule offers a sophisticated viewpoint on the changing dynamics of forest management in the Nizam's State during this developmental stage. The course of the natural and economic landscapes in the region was shaped by these initiatives, which also set the foundation for later changes.

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1.4 DEVELOPMENT OF HYDERABAD'S FOREST POLICIES UNDER THE NIZAM

A. MODIFICATIONS TO POLICIES FOLLOWING NIZAMS

Under the reigns of succeeding Nizams, the forest policies of the Nizam's State developed, with each Nizam helping to shape environmental governance. The initial policies established the framework, but later Nizams brought about changes brought about by shifting socioeconomic situations[26], advances in technology, and an increasing comprehension of ecological processes.

1. NIZAM ALI KHAN AND INTEGRATION OF TECHNOLOGY

When Nizam Ali Khan came to power in the late eighteenth century[27], he saw firsthand how advances in technology were incorporated into the management of forests. Modern surveying methods were introduced during this time, allowing for a more precise evaluation of the forest cover and resources. Technology was used with the intention of improving tax collection and resource utilisation accuracy. This was a departure from customary practices and a move towards a more methodical approach.

2. SIKANDAR JAH AND THE REFORMS OF SOCIO-ECONOMICS

Policies implemented during Sikandar Jah's early 19th-century reign demonstrated a wider focus on social changes. Forest policy prioritised community welfare and rural development in addition to resource exploitation. In order to ensure a fairer distribution of the advantages gained from forest resources, Sikandar Jah adopted steps to address the needs of communities that depended on forests[28].

3. INITIATIVES FOR CONSERVATION AND MIR MAHBUB ALI PASHA

During the late 19th and early 20th centuries, during Mir Mahbub Ali Pasha's rule, there was a noticeable movement towards conservation efforts. Growing environmental consciousness led to the implementation of laws protecting biodiversity, controlling hunting, and creating animal sanctuaries. During this time, the ecological value of forests was beginning to be recognised more than their economic value.

B. EXTERNAL FACTORS AFFECTING FOREST MANAGEMENT

1. POLICIES OF BRITISH COLONIALISM

The Nizam's State's forest management is still shaped by British colonial regulations. British authority over forest resources was cemented in the second part of the 1800s, which resulted in the imposition of strict laws. The traditional forest-use practices of the indigenous communities were impacted by the British emphasis on generating cash through the extraction of lumber.

The British Forest Acts, including the Indian Forest Act of 1878[29], encouraged the Nizam's State to enact comparable legislative measures. The administrative control over woods was further strengthened by the convergence of princely state and colonial policy.

2. AWARENESS OF THE ENVIRONMENT

In the late 19th and early 20th centuries, environmental protection gained international attention. Sustainability and the long-term effects of unrestrained resource extraction became popular ideas. The Nizam's State's forest policies were influenced by this worldwide movement in environmental consciousness in a subtle but noticeable way[30].

As knowledge of the significance of ecological balance grew, the state started incorporating environmental awareness into its policies. During this time, initiatives to mitigate the negative consequences of deforestation were launched, including awareness campaigns and afforestation programmes.

Thus, the development of forest policies in the Nizam's State reflects the dynamic interaction of decisions made by internal governance, advances in technology, and outside influences[31], providing the framework for an intricate web of environmental management techniques.

1.5 IMPORTANT ASPECTS OF HYDERABAD'S FOREST POLICIES UNDER THE NIZAM

A. PRESERVATION TECHNIQUES

1. RULES FOR LOGGING

Strict rules on logging operations were part of the Nizam's State's forest policies, which guaranteed sustainable resource extraction[32]. Clear rules were created to manage the volume and method of timber harvesting, and logging permits and licences were issued. These laws were designed to stop illicit logging, overexploitation, and the deterioration of forest ecosystems. The Nizams' dedication to striking a balance between short-term financial gain and long-term environmental preservation was demonstrated by the imposition of logging limits.

2. PROTECTION OF WILDLIFE

Forest policies included provisions for wildlife protection because they acknowledged the significance of animals for the environment. Regulations were put in place by the Nizam's State to stop poaching, hunting, and the illegal wildlife trade[33]. The establishment of protected areas and animal sanctuaries became essential elements of conservation initiatives. These regulations supported the larger objective of keeping ecological equilibrium in the area in addition to their primary goal of protecting biodiversity[34].

B. INCOME CREATION

1. SALES OF TIMBER

As a precious natural resource, timber was essential to generating income. The systematic extraction and sale of timber through regulated methods was made easier by forest policies. The use of price mechanisms, timber auctions, and sustainable harvesting procedures aimed to maintain a balance between the preservation of forests and economic gains. Sales of timber brought in money to the state coffers, which was used to fund a number of development projects[35].

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2. FOREST PRODUCTS THAT ARE NOT TIMBER

The Nizam's State's forest policies acknowledged the importance of non-timber forest products (NTFPs) to the regional economy[36]. Rules were developed to control the acquisition and exchange of non-timber forest products (NTFPs), including minor forest products, resins, and medicinal plants. This strategy guaranteed the sustainable use of a wider range of forest resources while also diversifying the revenue streams from forests[37].

C. SOCIAL WELFARE OF THE COMMUNITY:

1. REGIONAL INVOLVEMENT:

Local people are actively involved in the management and conservation of forests thanks to forest policies. Joint forest management committees are one example of a community-based project that was created to include locals in decision-making. These initiatives attempted to reconcile the goals of conservation with the requirements of communities who depend on forests[38]. In addition to helping with enforcement and monitoring, local involvement fostered a feeling of collective accountability for the sustainable use of forest resources.

2. SAFEGUARDING CUSTOMARY RIGHTS:

The Nizam's State's forest policy acknowledged the traditional rights of native people. The customary rights of communities to obtain and make use of forest resources for their subsistence were protected through the implementation of measures. Included in this was defence against unjust relocation and encroachment on ancestral lands. The strategies aimed to balance the objectives of conservation with the customs and means of subsistence of the various populations reliant on the forests[39].

Together, these salient characteristics demonstrated a thorough strategy for managing the state's forests in the Nizam's State, addressing revenue production, conservation, and community welfare as essential elements of sustainable government. The goal of the policies was to strike a balance between the need for long-term ecological health and community well-being and the exploitation of forest resources[40].

2.0 HYDERABAD, THE STATE OF THE NIZAM, FOREST ADMINISTRATION

Administrative Structure: The Nizam's State's forest administration was distinguished by a hierarchical structure created to oversee the various facets of forest governance.

1. CENTRAL GOVERNMENT

Creating and supervising forest policies fell under the purview of the central authority at the top of the administrative system[41]. This organisation, which was frequently a component of the princely state's larger administrative structure, supplied strategic guidance, oversaw operations, and made sure that forest management adhered to more general state goals[42].

2. LOCAL AND REGIONAL DIVISIONS

In order to handle the unique requirements and conditions of various forested areas, forest administration was decentralised to regional and local levels. The job of managing resources and putting policies into action in designated geographic areas fell to regional divisions. Daily operations and community relations fell under the purview of local divisions, which were frequently oriented in relation to districts or forest ranges[43].

3.0 CONCLUSION AND RESULTS

1. Historical Context: With the founding of the Nizam's State in the eighteenth century, a new political entity was created, combining native governing systems with Persian administrative customs. The sustainable management of forests was challenged by socioeconomic issues, such as shifting land use patterns, urbanisation, and population increase.
2. Early Forest Policies: The goal of the early forest policies was to strike a balance between the economic exploitation of forest resources and conservation initiatives. Reforms in revenue collection and the implementation of scientific forest management techniques are results of British colonial influence.
3. Evolution of Forest Policies: As a result of socioeconomic reforms, technological breakthroughs, and a greater public awareness of conservation, successive Nizams brought about changes in policy. Forest management practices were significantly shaped by external factors, including global environmental consciousness and British colonial policy[44].
4. Important Aspects of Forest Policies: Community welfare programmes, logging restrictions, and wildlife protection were examples of conservation strategies. Sales of non-timber forest products, taxes, and timber generation generated revenue that went towards funding state coffers. Policies gave local participation and the defence of customary rights first priority in promoting communal welfare[45].
5. Forest Administration: The organisational framework comprised specialised forest departments, officers, regional and local divisions, and central authorities. Regulation frameworks, patrolling, surveillance, and community involvement were all part of the enforcement methods.
6. Economic Impact: State revenue was raised by forest policies through levies, taxes, and wood sales. Employment opportunities, revenue from non-timber forest products, and sustainable agriculture techniques were among the effects on local economies[46].
7. Social Impact and Community Views: Forest regulations had an impact on local populations' means of subsistence and, in certain situations, resulted in evictions. Though opinions on forest regulations differed, efforts aimed at community empowerment and engagement were well received.
8. Problems and Rebuttals: Deforestation, habitat loss, and worries about wildlife conservation were among the environmental problems. Relocation, unfair benefit distribution, and a lack of viable economic options were among the socioeconomic critiques.
9. Legacy of Forest Policies: natural resilience, addressing environmental issues, and protecting natural and cultural heritage were among the long-term environmental

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effects. Subsequent forest policies were affected by the policies, which helped to foster community-centric methods, adaptive management, and the incorporation of global environmental concepts.

REFERENCES

[1] Purushotham, Sunil. "Federating the Raj: Hyderabad, sovereign kingship, and partition." Modern Asian Studies, 2020, pp. 157-198.
[2] Lucassen, Jan. "Wage Labour and Other Forms of Remuneration in the Deccan in the 1820s." Wage Earners in India 1500–1900: Regional Approaches in an International Context 2021, 2021, pp. 166-240.
[3] Jeste, Dilip V., and Ipsit V. Vahia. "Comparison of the conceptualization of wisdom in ancient Indian literature with modern views: Focus on the Bhagavad Gita." Psychiatry: Interpersonal and Biological Processes, 2008, pp. 197-209.
[4] Groenhout, Fiona. "The history of the Indian princely states: Bringing the puppets back onto centre stage." History Compass, 2006, pp. 629-644.
[5] Metcalf, Barbara. "Islam and power in colonial India: The making and unmaking of a Muslim princess." The American Historical Review, 2011, pp.1-30.
[6] Prakash, Anjal, Sreoshi Singh, and Lieuwe Brouwer. "Water transfer from peri-urban to urban areas: conflict over water for Hyderabad city in South India." Environment and Urbanization ASIA, 2015, pp. 41-58.
[7] Purushotham, Sunil. "Federating the Raj: Hyderabad, sovereign kingship, and partition." Modern Asian Studies, 2020, pp. 157-198.
[8] Lucassen, Jan. "Wage Labour and Other Forms of Remuneration in the Deccan in the 1820s." Wage Earners in India 1500–1900: Regional Approaches in an International Context 2021, 2021, pp. 166-240.
[9] Jeste, Dilip V., and Ipsit V. Vahia. "Comparison of the conceptualization of wisdom in ancient Indian literature with modern views: Focus on the Bhagavad Gita." Psychiatry: Interpersonal and Biological Processes, 2008, pp. 197-209.
[10] Groenhout, Fiona. "The history of the Indian princely states: Bringing the puppets back onto centre stage." History Compass, 2006, pp. 629-644.
[11] Metcalf, Barbara. "Islam and power in colonial India: The making and unmaking of a Muslim princess." The American Historical Review, 2011, pp.1-30.
[12] Prakash, Anjal, Sreoshi Singh, and Lieuwe Brouwer. "Water transfer from peri-urban to urban areas: conflict over water for Hyderabad city in South India." Environment and Urbanization ASIA, 2015, pp. 41-58.
[13] Sengar, Bina, and Shaikh Feroz Iliyas. "Biodiversity Habitats, People, Policies, and Problematics: Through Case Studies of Ecological Systems of Aurangabad and Beed." Indigenous Societies in the Post-colonial World: Responses and Resilience Through Global Perspectives. Singapore: Springer Nature Singapore, 2023, pp. 189-209.
[14] Nagalaxmi, M. "Historical and Cultural Development of Nizam State Contribution of Eminent Scholars." International Journal of Multidisciplinary Educational Research, 2021, pp. 105-111.
[15] Isha, Aakhya. "Forms Of Negotiations and State Formation In 18th Century Deccan." In Proceedings of the Indian History Congress, vol. 78, Indian History Congress, 2017, pp. 446-453.
[16] Singh, M. P., P. P. Bhojvaid, Wil de Jong, J. Ashraf, and S. R. Reddy. "Forest transition and socio-economic development in India and their implications for forest transition theory." Forest Policy and Economics, 2017, pp. 65-71.
[17] Platjouw, Froukje Maria. Environmental law and the ecosystem approach: Maintaining ecological integrity through consistency in law. Routledge, 2016.
[18] Abraham, A. C., and R. D. Samuels. "Epidemiology of Malaria in the Nizam-sagar Ayacut Area, Nizamabad District, Hyderabad State." Journal of the Malaria Institute of India, no. 3, 1944.
[19] Bhukya, Bhangya. "Between tradition and modernity: Nizams, colonialism and modernity in Hyderabad State." Economic and Political Weekly, 2013, pp. 120-125.
[20] Murali, Atlury. "Forest Conservation and Peasant Politics in Andhra, 1912-1922.", Indian History Congress, Vol -51, 1990, pp. 577-592.
[21] Raihan, Asif. "Sustainable development in Europe: A review of the forestry sector's social, environmental, and economic dynamics." Global Sustainability Research, 2023, pp. 72-92.
[22] Halim, Nor Diana Abdul, Mohd Talib Latif, Ahmad Fariz Mohamed, Khairul Nizam Abdul Maulud, Shaharudin Idrus, Azliyana Azhari, Murnira Othman, and Nurzawani Md Sofwan. "Spatial assessment of land use impact on air quality in mega urban regions, Malaysia." Sustainable Cities and Society, 2020, p. 102436.
[23] Barton, Gregory Allen. Empire forestry and the origins of environmentalism. Vol. 34. Cambridge University Press, 2002.
[24] Farrell, Edward P., et al. "European forest ecosystems: building the future on the legacy of the past." Forest ecology and management, 2000, pp. 5-20.
[25] Dincecco, Mark, et al. "Pre-colonial warfare and long-run development in india." The Economic Journal, 2022, pp. 981-1010.
[26] Benbabaali, Dalel. "Tribal land alienation and Adivasis' struggle for autonomy: The case of Bhadrachalam Scheduled Area, Telangana, India." Modern Asian Studies, no. 5, 2022, pp. 1672-1690.
[27] Faruqui, Munis D. "At empire's end: the Nizam, Hyderabad and eighteenth-century India." Modern Asian Studies, 2009, pp. 5-43.
[28] Vottery, Madhu. "Connecting the Past and the Present for a Better Future of Historic City of Developing Country: Case of Heritage Walks of Hyderabad." Perception, Design and Ecology of the Built Environment: A Focus on the Global South, 2020, pp. 503-518.
[29] Guha, Ramachandra. "An early environmental debate: The making of the 1878 forest act." The Indian Economic & Social History Review, 1990, pp. 65-84.
[30] Agarwal, Bina. "Environmental management, equity and ecofeminism: Debating India's experience." 1998, pp. 55-95.
[31] Dar, Arshid Iqbal. "India's Indo-Pacific policy: unpacking the underpinnings and hallenges." Chinese Political Science Review, 2023, pp. 597-617.
[32] Adams, William M., and Jon Hutton. "People, parks and poverty: political ecology and biodiversity conservation." Conservation and society, 2007, pp. 147-183.
[33] Abraham, Santhosh, and Susy Varughese. "Madras Kraals, animal labour and Veterinary Corps: colonising wild elephants in British South India." Labor History, 2023, pp. 1-16.
[34] Hansen, Andrew J., and Ruth DeFries. "Ecological mechanisms linking protected areas to surrounding lands." Ecological applications, 2007, pp. 974-988.
[35] McAfee, K. "The contradictory logic of global ecosystem services markets". Development and change, 2012, pp. 105-131.
[36] Suykens, Bert. "Diffuse authority in the Beedi commodity chain: Naxalite and state governance in tribal Telangana, India." Development and Change 41.1, 2010, pp. 153-178.

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[37] *Zenteno, Mario, Pieter A. Zuidema, Wil de Jong, and René GA Boot. "Livelihood strategies and forest dependence: New insights from Bolivian forest communities." Forest Policy and Economics, 2013, pp. 12-21.*

[38] *Sayer, Jeffrey, Terry Sunderland, Jaboury Ghazoul, Jean-Laurent Pfund, Douglas Sheil, Erik Meijaard, Michelle Venter et al. "Ten principles for a landscape approach to reconciling agriculture, conservation, and other competing land uses." Proceedings of the national academy of sciences, no. 21, 2013, pp. 8349-8356.*

[39] *Soury, Amandine, et al. "Sacred forests: a sustainable conservation strategy." The case of sacred forests in the Ouémé Valley, Benin. Netherland: Wageningen University, 2007, pp. 1-109.*

[40] *Bele, Mekou Youssoufa, Denis Jean Sonwa, and Anne-Marie Tiani. "Adapting the Congo Basin forests management to climate change: Linkages among biodiversity, forest loss, and human well-being." Forest Policy and Economics, 2015, pp. 1-10.*

[41] *Ribot, Jesse C., Arun Agrawal, and Anne M. Larson. "Recentralizing while decentralizing: how national governments reappropriate forest resources." World development, no. 11, 2006, pp. 1864-1886.*

[42] *Young, Oran R. "Institutional interplay: the environmental consequences of cross-scale interactions." The drama of the commons, 2002, pp. 63-291.*

[43] *Agrawal, Arun. "State formation in community spaces? Decentralization of control over forests in the Kumaon Himalaya, India." The Journal of Asian Studies, 2001, pp. 9-40.*

[44] *Grove, Richard H. "Colonial conservation, ecological hegemony and popular resistance: towards a global synthesis." In The Rise and Fall of Modern Empires, Volume II, Routledge, 2016, pp. 401-436.*

[45] *Bovaird, T., "Beyond engagement and participation: User and community coproduction of public services". Public administration review, 2007, pp.846-860.*

[46] *Pandey, A. K., Y. C. Tripathi, and Ashwani Kumar. "Non timber forest products (NTFPs) for sustained livelihood: Challenges and strategies." Research Journal of Forestry, no. 1, 2016, pp. 1-7.*