



Eco-Cultural Dynamics in Sustainable Agroforestry Practices Among Forest Communities in Cameroon: An Ethnographic Assessment

Chérubin Nkwi¹, Mpaonang Ngong^{2,3}, Wambali Ondoa^{4,5}, Kamga Boulou^{3,6}

¹ Department of Advanced Studies, University of Yaoundé I

² Department of Interdisciplinary Studies, University of Dschang

³ University of Ngaoundere

⁴ Department of Advanced Studies, University of Dschang

⁵ University of Yaoundé I

⁶ Department of Interdisciplinary Studies, University of Douala

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Correspondence: cnkwi@gmail.com

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Author notes

Chérubin Nkwi is affiliated with Department of Advanced Studies, University of Yaoundé I and focuses on African Studies research in Africa.

Mpaonang Ngong is affiliated with Department of Interdisciplinary Studies, University of Dschang and focuses on African Studies research in Africa.

Wambali Ondoa is affiliated with Department of Advanced Studies, University of Dschang and focuses on African Studies research in Africa.

Kamga Boulou is affiliated with Department of Interdisciplinary Studies, University of Douala and focuses on African Studies research in Africa.

Abstract

Eco-cultural dynamics in sustainable agroforestry practices are critical for maintaining biodiversity and ecosystem resilience in forest communities of Cameroon. An ethnographic study involving participant observation, semi-structured interviews, and focus group discussions in six communities across Cameroon's diverse ecosystems. Participants reported a significant preference for traditional agroforestry methods over modern agricultural techniques (85%), with notable themes of intergenerational knowledge transmission and sacred site protection. The study highlights the importance of integrating local cultural values into conservation strategies to sustainably manage Cameroon's forests. Policy recommendations include fostering community-led initiatives that respect traditional practices while promoting sustainable development goals.

Keywords: *Cameroonian, Agroforestry, Cultural Ecology, Ethnoecology, Sustainable Development, Participatory Research, Community-Based Conservation*

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