

Senior Fellowship for Dr. Rodrigue V. Cao Diogo: Cross-border and regional livestock mobility along the transect from the Sahel to Southern Benin: risks and opportunities for livestock production and agroecosystems

Initiative: Wissen für morgen – Kooperative Forschungsvorhaben im subsaharischen Afrika (beendet)

Ausschreibung: Postdoctoral Fellowships "Resources, their Dynamics and Sustainability - Capacity-

Development in Comparative and Integrated Approaches"

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Projekt-Website: <https://www.igps.uni-hannover.de/currentfellows.html?&L=1>

Cross-border and regional livestock mobility is critical for the sustainability of pastoral and agropastoral livelihoods in the West African region. However, the availability and herders' utilization of different pastoral resources including animal genetic patrimony, grasslands, browse, and water along the mobility routes from the Sahel to the West African Coast are still poorly understood. These require much research attention, and will be critical in informing policies and avoiding overexploitation and degradation of natural resources. The main objectives of the study are therefore to: i) analyze mobile pastoralists' uses and management of natural resources (animals, rangelands and water) along the mobility routes, thereby accounting for interactions with sedentary pastoralists; ii) quantify the effects of mobility and its associated networks of exchanges between mobile and sedentary herders on the genetic structure and diversity of local cattle populations, and on the productivity of both livestock and rangelands, and iii) derive recommendations for improved livelihoods of pastoralists, for the conservation of diversity in animal genetic resources, and hence for securing herd productivity in the region.

Projektbeteiligte

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Open Access-Publikationen

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