

# Resource Management and Livelihood Issues: Regional and National Perspectives

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## Land Resource Management and Rural Livelihoods in the Brahmaputra Valley, Assam

*Manash Jyoti Bhuyan*

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### **Introduction**

Land resource management (LRM) is a very age-old practice and plays an important role in supporting the livelihoods of the people of an area. LRM is basically linked with altitude, slope, ecological settings, pedological characteristics, vegetation cover, and water level of the concerned regions during different seasons of the year (Zhang *et al.*, 2015). The variation in any of these factors may lead to change in land use patterns and practices which in turn will change the process of land resource management. Although geographers, hydrologists, civil engineers, scientists, and experts have already researched on various aspects of water resources management, however, research on LRM is still very limited. Moreover, research on land use/land cover (LULC) is very common, and a few of them have linked LULC with LRM practices. Noteworthy that, the study of land use and land cover (LULC) in understanding the LRM is very important to have an insight into the pattern of human interaction and relationships with the physical environment (Ganasri & Dwarakish, 2015; Anchan *et al.*, 2018). It is found that different economic and social systems have played dominant role towards making the land-use patterns