

Geo-Informatics for National Development Planning: Experience of Bhutan

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The Geographic Information System, Remote Sensing Technology, Global Positional System, Spatial Databases, Resource Economics and Applied Statistics have played important roles for the National Development Planning for Bhutan. Geo-informatics has been introduced since 1995 for Land Use Planning of Bhutan. Bhutan has successfully applied Geo-Informatics for National land use planning, population and housing census reporting, watershed management for hydropower generation, conservation planning of protected areas and biological corridors, designing the national forest inventory system, development of national forest information and monitoring systems, forest resources potential assessment and valuation for payment of environmental services. This paper will describe and share the experience how the Geo-Informatics technology has been successfully applied and shape the information landscape of Bhutan for National Development Planning since 1995 to present.

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