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A Critical Review of Existing Building Regulations and Bye-laws in Hilly Regions Of India

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Abstract

In this article, an attempt has been made to understand and review the existing Building Regulations and Bye-laws available in the hilly region of India, primarily focusing on the structural configurations and construction provisions, like the number of stories and building height in seismically active hilly areas. This article also examines and compares the customization of individual-specific regulations, framed after considering guidance from Model Building Bye-Laws- 2016. A comprehensive summary is presented herein, including most of the available Bye-Laws containing the construction and architectural regulations in hilly regions, which will help classify different building typologies along with their associated constraints.

Keywords: Bye-laws, Seismicity, Hilly regions, Topography, Building regulation