

SUSTAINABLE BUILDINGS IN THE COAST – A NEW SKYLINE ON THE BAY

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1. INTRODUCTION

The coastal areas in Asia have become vulnerable to disasters and ill effects of unsustainable development. Industrial, port and resort towns are being built with unsustainable constructions of buildings and infrastructure. The impacts on flora and fauna, fragile ecosystem etc by natural, man made and environmental hazards are widespread.

2. BUILDING RULES

Conventional town planning zoning is operated together with municipal building rules and urban planners and policy makers want a new skyline without considering ecology zones, conservation areas etc. Restrictive areas like soil erosion areas, saline ground water area etc are to be identified with new building rules and parameters are given.

3. SUSTAINABLE BUILDINGS

Sustainable green building with conservation areas with orientation to bio-climate design is more acceptable Urban design comes here, it is not design of buildings in urban areas but designing buildings with nature. Sustainable buildings are possible in sustainable environment. Utilising of solar and mid energy recycling of waste, urban agriculture these are various issues. Sustainability is a broader concept than environmental protection. Here education, training with public awareness are important.