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## **Integrating Fragmented Development: A Case Of Airport Corridor Of Bangalore**

Every new development creates fragmentation within the existing fabric which further leads to segregation. Physical fragmentation happening as the result of development pressures will be a major problem faced in the future by most cities. This paper intends to analyse the fragmentation effects caused on communities by a transportation-corridor development and to provide suitable integration measures.

Towards this, Bangalore-N transect was studied for the transformations due to airport proposal. Primary observations, land-use maps, digital earth map archives were used for deriving the degree of fragmentation. State aspirations were also considered for analysis of the future development proposals.

Through this process, a clear picture of developmental trends and existing situation was mapped out. On the basis of transect theory and the fragmentation framework, the study area was classified into different transects. A cohesive strategy incorporating infill development, transit-oriented development as well as integrated neighbourhood designs were found to provide workable solutions for fragmentation inside each transects.

The study concludes that transect based design (TBD) along any development corridor not only aids in integrating development but also strengthens and uplifts community networks within that area. This research intends to provide a toolkit for designing peripheral areas of a city, where rapid urbanisation results in uncontrolled urban sprawls that erodes the existing fabric of community.

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