

## **Primary Study of the Impact of the Riverfront Urban Transformations Inside Egyptian Cities in Future Urban Design Process: Case Study of North Asyut City**

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**Abstract :** Rivers have long been recognized as one of the most important natural resources, They are important to ensure human health, civilization, and sustainable development, and the importance of rivers as the focal point of cities was established from the early times of civilization and will remain so. Urban design of Riverfront has been an issue of wide concern and extensive discussion since the 1970s, however, Cities seek a riverfront that is a place of public enjoyment, They want a Riverfront where there is ample visual and physical public access to both the water and the land, they want a place that contributes to the quality of life in all of its aspects; economic, social, and cultural, on another hand, Successful urban design of Riverfront requires an understanding of development processes, dimensions of urban design and an appreciation of the distinctiveness of Riverfront locations. A close association between cities and river is inherently over the history of civilization, and in fact, many urban cities in Egypt are located close to Nile River areas. Always trying to use the land closer to the river to take advantage of the benefits it provides, And in spite of the significant role played by the littoral fronts in the life of the city, the riverfronts have remained generally in Egypt and especially in Asyut city neglected. According to the knowledge gained from the literature review, review of case studies and the historical researches of Asyut Riverfront, this research aims to identify the urban transformations of Asyut riverfront and expect the Opportunities and Challenges which will play an important part of the future urban design issues and researches will prepare, especially in the case study area (northern areas of Asyut riverfront). After that, the case study data, historical framework and International experiences were collected and analyzed to Produce Primary indicators of the expectations of the riverfront urban design process inside the case study area, In addition to preparing the conclusions of the theoretical framework and recommendations for the paper.

**Keywords :** civilization, sustainable development, riverfront, urban transformations

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