

Research 5

An Approach for Activating Industrial Settlement Strategies in the Egyptian Regions: A Case Study of North Upper Egypt

The industry has conspicuously gone through four industrial revolutions. Each revolution was accompanied by patterns of development and discoveries of a new technology called Waves of Innovation, which affected the form of industrial settlement and the economic and social life of countries. Consequently, this was reflected in urban expansion. Moreover, the scientist Walt Whitman Rostow mentioned in his theory of the phased growth of the region that the regions go through five economic stages, starting from the traditional society through the pre-takeoff stage, followed by the take-off stage, then the maturity stage, and finally the stage of High Mass-consumption(welfare). Besides, he relied in his theory on the industry as a basis for the economic progress of regions and countries.¹ Through theoretical study, it was found that the economic stage that the region is going through is linked to the innovative trend it has reached. Therefore, the region needs to implement an appropriate strategy for industrial settlement so as to transfer it from the stage it is going through to the next economic stage. Hence, the research conspicuously aims to develop a method to activate the industrial settlement strategies so that it determines the economic stage that the region has reached by identifying the innovative trend that it is going through. This is in addition to deriving the appropriate industrial settlement strategy for it in order to transfer it to the next stage. The research also presents an applied study of this approach on the northern Upper Egypt region and determines the most appropriate spatial sites for implementing the appropriate industrial settlement strategy.