INTRODUCTION TO INFRASTRUCTURE

THE INFLUENCE OF NATURAL DISASTERS ON INFRASTRUCTURE

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ABSTRACT

Infrastructure has an important role in the nation’s development especially sustained economic development. Infrastructure consists of two main types which are “Hard” infrastructure and “soft” infrastructure. Hard infrastructure is the physical networks which include transportation, power, etc. while soft infrastructure is institutions and human capital. No matter if it’s “hard” or “soft”, infrastructure; if infrastructure has inadequate and inefficient performance, it would prevent the economy to achieve its full growth. In the past decade, a significant increase in the number of natural disasters has great impact on our infrastructure system. In this paper, three major hurricanes in 2017 were examined to determine the damage these hurricanes have done to the infrastructure. The main topics that will be discussed include demographic analysis, geographical failures, structural damage, and transportation issues. Based on the examination of the system, each location will be evaluated by the sustainability and resiliency of its infrastructure system.

REFERENCES