Chapter 2
Climate Change and Natural Disasters

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ABSTRACT

The intersection between these two issues is pivotal for understanding the broader impacts events. As a result, the frequency, intensity, and distribution are significantly affected. influences natural disasters is through the intensification of extreme weather events. For instance, warmer ocean temperatures provide more energy for tropical storms, leading to stronger hurricanes and typhoons. These storms, in turn, bring about more severe storm surges, heavy rainfall, and flooding. Similarly, the increased evaporation rates due to higher temperatures can exacerbate drought conditions, leading to prolonged dry periods that severely impact agriculture, water supply, and ecosystem health. Wildfires also become the relationship between is not limited to the direct effects of changing weather patterns. There are also indirect impacts

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that exacerbate vulnerabilities in both human and natural systems. For example, and lakes. Communities around the world experience these impacts in varied ways, often reflecting existing social and economic inequalities.

INTRODUCTION TO CLIMATE CHANGE AND NATURAL DISASTERS: UNDERSTANDING THE INTERSECTION

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