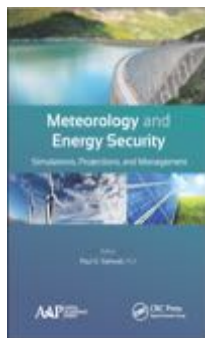




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Meteorology and Energy Security

Chapter 2.

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CHAPTER 2

A Typical Meteorological Year Generation Based on NASA Satellite Imagery (GEOS-1) for Sokoto, Nigeria

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2.1 INTRODUCTION

Energy remains the convergence point of most critical economic, environmental, and developmental issues confronting the world at the moment. Clean, efficient, stable, and sustainable energy services are ideal for global prosperity. Energy is paramount to achieving Nigeria's Vision 20:2020 needed by the country to be among the top 20 industrialized nations of the world. Lack of energy or its insufficiency in an economy is a potential source of social and economic poverty [1]. In general, a larger proportion of energy is found to be consumed in buildings in Nigeria as is the case in many countries. There is thus a growing concern about energy consump-

