

# STEWARDSHIP

THE QUEST FOR A SUSTAINABLE  
LANDSCAPE

Ismawi bin Zen  
Izawati Tukiman

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# **STEWARDSHIP**

## **THE QUEST FOR A SUSTAINABLE LANDSCAPE**

*Edited by*  
**ISMAWI ZEN**  
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## CHAPTER 3

# THINKING ABOUT ENVIRONMENT: URBAN MORPHOLOGY AND MICROCLIMATE CONDITIONS

**Aniza Abu Bakar**

### 3.1 INTRODUCTION

*“One of the main reasons for considering microclimate in landscape design is to create thermally comfortable habitats for people”*

Brown and Gillespie (1995:63).

Much research have been carried out concerning the effect of built urban form on the microclimate. Urban form clearly affects the microclimate of its surrounding. Thus, these two elements should be discussed in parallel due to their great influences towards one another.

There are several definitions of microclimate that can be found from the literature and two of them are given as “...*the climate of a very*