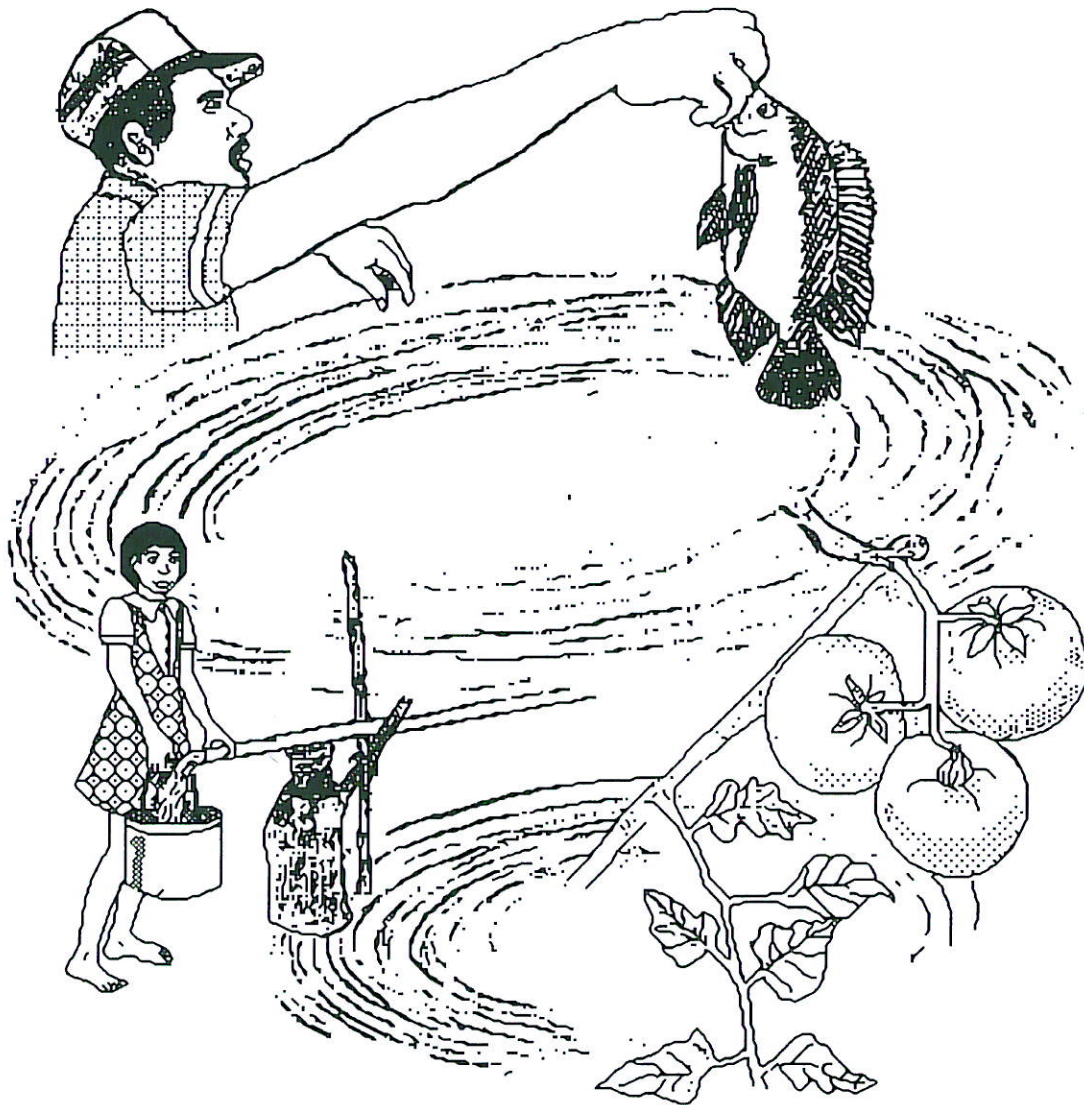

WATER HARVESTING AND AQUACULTURE
FOR RURAL DEVELOPMENT

INTRODUCTION TO WATER
HARVESTING



INTERNATIONAL CENTER FOR AQUACULTURE
AND AQUATIC ENVIRONMENTS
AUBURN UNIVERSITY

INTRODUCTION

Throughout history, man has been dependent on an adequate water supply for his food, security and well being. Water is a universal need and is considered the principal limiting factor for human life. Destruction of natural watersheds has caused critical water shortages affecting vast areas and populations. Ways to help insure adequate water supplies for household, agricultural and other uses are available to farms and communities. The technology is called water harvesting.

Water harvesting is the practice of collecting and storing water from various sources for beneficial use. Water harvested from a watershed and conducted to ponds for storage can substantially increase available water for garden irrigation, livestock watering, aquaculture and other domestic needs.

THE HYDROLOGIC CYCLE

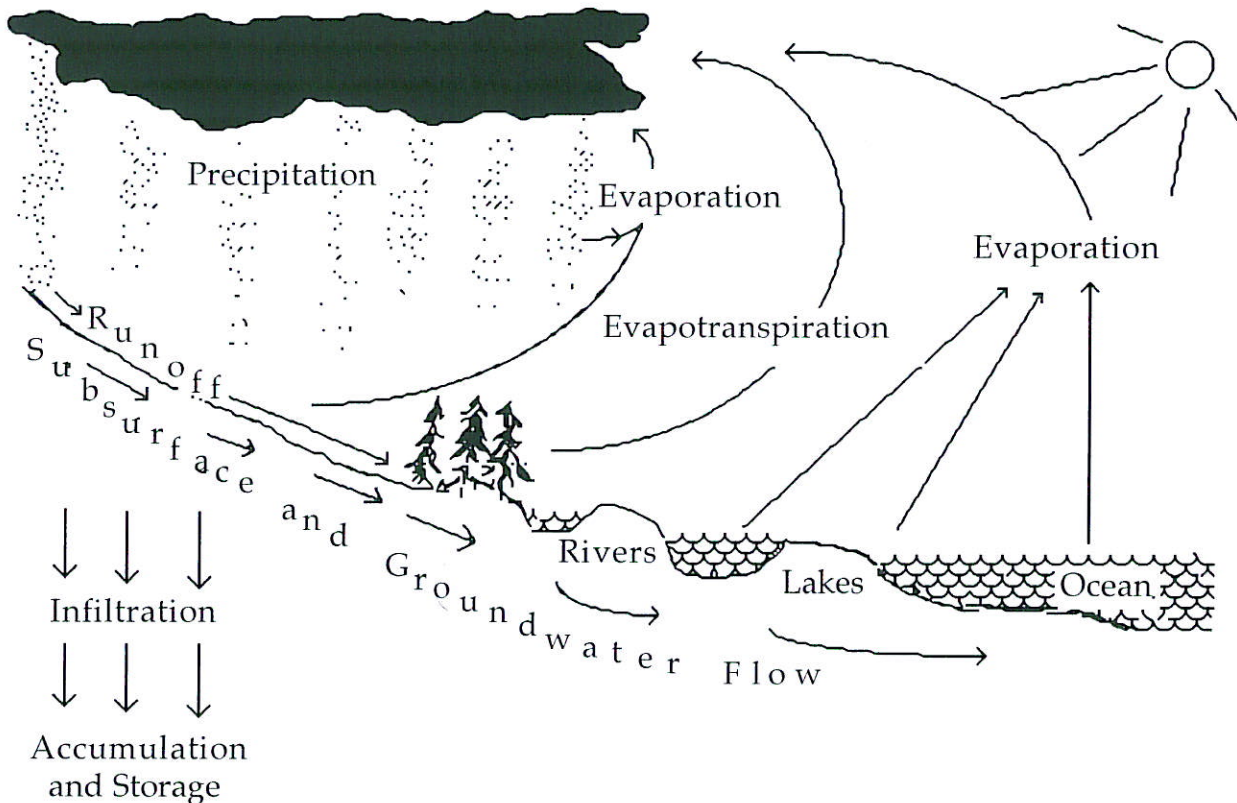


Figure 1: The hydrologic cycle.