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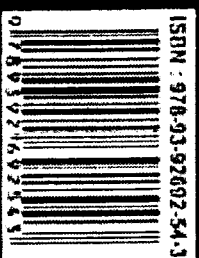
She is B.E., M.Tech., Ph.D in Electronics & Communication Engineering and MBA in HR. Her interest area is Power systems, VLSI & Embedded Systems. She has 20+ publication in various national & International journals which make her more confident to enhance her outreach in Industry for students teaching with hands on practice.

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Chapter-25

Guidelines for Water Management Practices for Five Star Hotels in Jaipur

Gaurav Agrawal, Anil Bagaria and Shweta Choudhary
Vivekananda Global University, Jaipur

INTRODUCTION

Scarcity of potable water has become a recognized global problem and with the rising demand of water and imbalance of demand and supply will leave half of the world's population with no water by the year 2040. As only 3% of the surface earth water is potable rest 97% is in the ocean, and that to 2% of the drinkable water is in the form of glaciers [Figure 1]. Hence, this 1% is under constant threat, with rapidly rising demand of growing global population and high living standards expectations. India stands at the top of the list in globe in annual fresh water withdrawals. [1]

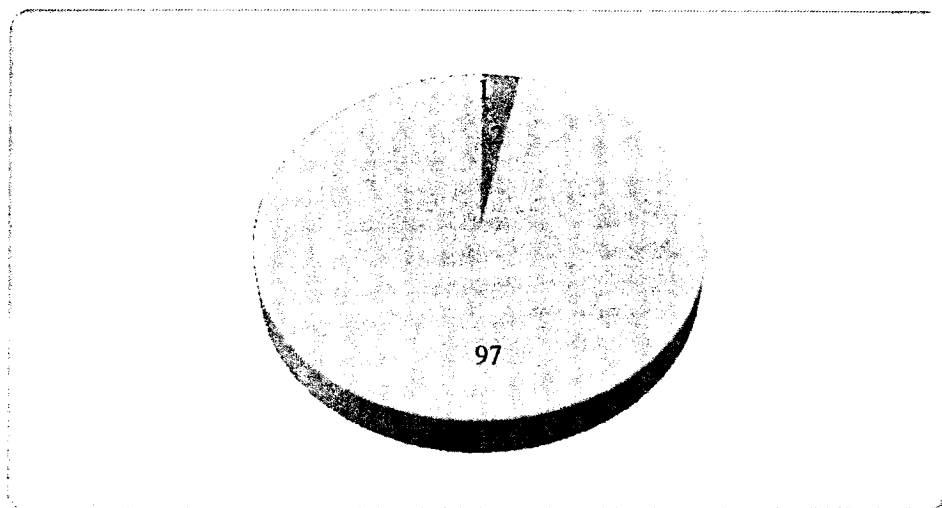


Figure 1: Water distribution on earth [1].

Water is a comprehensive issue relating to many facets across economic, environmental, and social topics. Water disclosure is usually accompanied by additional terminology, such as water withdrawal, water risk, water consumption, water scarcity, water discharge, etc. Water use is a commonly reported quantitative indicator, as are the initiatives to increase water efficiency and recycling. For boundaries of (intake, operations, effluent) in relation to the organization across the aggregate of its facilities worldwide. As water is the basic building block for life, topics relating to water can be far-reaching and