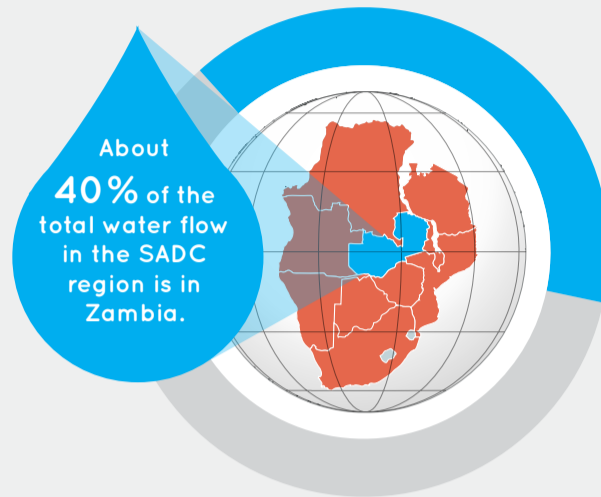


PMRC WATER SERIES

Effective Water Resource Management for Sustainable Social and Economic Development

Zambia has abundant water resources and various studies have revealed that the country holds **about 40% of the total water flow in the Southern African Development Community (SADC)**.

Water is critical to human livelihoods and it cuts across all sectors of social and economic development. It is a key resource to nutrition, agriculture, health, sanitation, construction, energy, tourism and manufacturing sectors.



ZAMBIA'S WATER CONSUMPTION BY SECTOR

Despite Zambia's enormous water potential, there is need for efficient and effective management so as to sustain the resource. According to Food and Agricultural Organisation (FAO) (2000), Zambia's agriculture sector was the highest consuming sector of water in 2000. **Zambia's total water withdrawal (Water removed from any sources, either permanently or temporarily) was 1.737 km³ and the agriculture sector accounted for about 1.320 km³ (76%) of the total domestic water use.**



FOUR DETERMINANTS

have been identified as key aspects of efficient and effective water resource management.



1 Improved community participation



2 Harmonised approach to water management



3 Improved interstate relations



4 Adequate funding

WHAT DOES EFFICIENT WATER RESOURCE MANAGEMENT MEAN FOR ZAMBIA AND ZAMBIANS?



Evidence based water conservation methods



Effective resource allocation planning and management



Sufficient water resource for sustainable economic development



Improved community participation for the conservation of water resources.

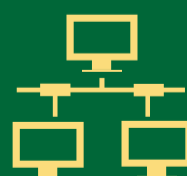
PMRC RECOMMENDATIONS

1



Facilitate for improved community participation for inclusive water conservation.

2



Improved data gathering and record keeping leading to effective planning.

3



Capacity building for harmonised planning and management leading to effective water resource management.

