

Water Resources Conservation And Control Measures by Obaid M Karki,
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Annual recharge	110 Mm ³
Annual losses by evaporation floods and seepage to Sabkha	70 Mm ³
Losses through rural/agricul- tural consumption	860 Mm ³
Consumption by urban and industrial	130 Mm ³
Total water resources deficit	950 Mm ³

As it is clear from above that the major losses are due to excessive agro/rural consumption followed by urban-industrial and natural losses.

Ministry of agriculture has initiated an intensive programme to combat water resources , depletion and quality deterioration.

1 Water resources conservation in agro-rural sector is being conserved by the following methods:

- A Introduction of pressurised irrigation systems drip/bubbler/sprinkler which saves 60-70 per cent of irrigation water lost in conventional methods.
- B Intensive farming education and extension programme to save water resources.
- C Augmentation of traditional water resources. Use techniques.

2 Water resources conservation from natural losses

Agricultural Ministry campaign established by the following methods:

- A Construction of groundwater recharge, large dam schemes on major catchment areas and wiers and small dams on minor wadis.
- B Development of traditional springs and falaj's for rural-urban utilisation.

3 Water resources conservation urban and industrial sector

This portion is resolved by:

- A Construction of desalination plants to produce drinking water
- B Development and treatment of effluent for industrial and city gardening use.

- C Establishment of federal water authority to rationalise, organize, legislate water consumption by all water consuming sectors.

Other water resources development and augmentation schemes will be thoroughly and comprehensively submitted in the paper:

- A UAE water resources survey project findings
- B Modern irrigation targets and projections
- C Large and small dams schemes project
- D Development of traditional water use techniques
- E federal water authority policies and targets