

INTRODUCTION & OBJECTIVE

Oman Water Society has Organized seminar on Mist/fog Collection from 24-25 september 2012 Governorate Of Dhofar Salalah City .

Fog occurs in some portions in temperate, tropical, arid and semi arid environments. In semi arid regions, the rainfall is variable. In this case fog water could substitute the deficit in water source and enhance groundwater recharge. Vegetation in mountains play essential role in interception of significant amount of fog water, which can be used by vegetation itself or penetrate the soil beneath canopy via roots toward groundwater aquifers.

This workshop is aimed to:

- Highlight the role of fog water in arid environments.
- Application of fog water in arid and semi arid region.
- Serve as a platform for the exchange of experiences, ideas and concepts on the fog collection.

THEMES

- Use of fog water.
- Use water quality.
- Use collection technology.
- Use of fog water in ground water recharge, especial coastal aquifers.
- Use of fog in desertification combat.
- Use of fog for forests survival.

RECOMMENDATION

- Continue to encourage and support research and studies on fog harvesting and collection techniques through the adoption of relevant government agencies, such as universities, research centers and the private sector of the related initiatives.
- Encourage residents and stakeholders to benefit from past experiences and the transition to the practical application of the use of fog water as a source of water available.

- Adopt integrated experimental water project by the competent authorities based on fog harvesting technology and recycling of water to be supplied to the population in a mountain community with a reasonable population density.
- Support individual and collective projects to take advantage of the fog to provide daily water needs of the population, especially in mountainous areas - along the lines of concessional support system -.
- Create an integrated database and up-to-date means for water and environmental aspects so made available to researchers and scholars in related fields.
- Follow up the implementation of the recommendations and decisions emanating from the Seminar to Combat Desertification, held in the city of Salalah in 2002 and other seminars and workshops for the reduction of desertification for sustainable environment to enhance the fog harvesting operations. As well as increase the frequency of coordination between the relevant stakeholders.
- Consider the possibility of reforming the department of pastures and forests and activate its role because of its great importance in maintaining the vegetation and forests, as well as speed up the declaration of the Omani Society for pastures and forests.
- Arrange a similar seminar every two years to follow-up the environmental variables and water and fog harvesting techniques and studies and research included in this framework.
- Intensify awareness campaigns through visual aids and audio-visual to increase the level of awareness among various segments of society of the importance of maintaining the vegetation and forests for their absolute role in increasing in fog and rain.
- Activating the role of NGOs for the development of knowledge in the population of environmental problems resulting from the lack of water and process solutions viable and complementary to the role of other parties.

OUT COME OF THE SEMINAR ON MIST/FOG COLLECTION

