

**Dr. Aisha Mufti Al-Qurashi**  
**CV – 1993-2009**

**Full Name:** Aisha Mufti Al-Sayyid Hassan Al-Qurashi

**Date of Birth:** 29/12/1968

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**Education:**

2008: PhD on Arid Zone Hydrology from Imperial College London, UK

1995: MSc, Water Resources Engineering Management from Heriot-Watt University, UK

1991: BSC, civil Engineering

1986: completed secondary school

1983: completed preparatory school

1980: completed primary school

**Work Description:**

1992: Joint the Ministry of Water Resources, Directorate General of Water Resources Assessment, Surface water Department:

1992-94: worked as a hydrologist in Data Analysis Section where was involved in wadi-flow processing which include flood measurements and flood discharge computations with direct and indirect methods, and preparing reports related to it and any severe flood events.

1996-2001: Working as the Head of Data Analysis Section where the Flood Studies Section was merged with it (The Section renamed to Surfacewater Section). The work involved carrying out hydrological studies which includes:

- Rainfall analysis and related studies
- Runoff analysis and the related studies
- Rainfall-runoff relationships and the hydrological characteristics of the hydrological catchments
- Rainfall and runoff frequency analysis
- Water resources assessment of the different hydrological catchments
- Carrying out flood studies and providing flood advices for any area where any project is to be carried out
- Reporting the severe floods and its possible return periods
- Preparing flood reports and deciding on the criteria that need to be followed for any development carried out by any authority specially that nearby flood courses

2001-2004: Working as Director of Water Resources Assessment Department. The work includes:

- Supervising the surface and groundwater studies

- Supervising water resources assessment, new resources exploration, and drilling projects
- Supervising research projects of different hydrological aspects that might benefit the water resources sector in the country
- Supervising the topography and geophysics studies

Currently, after coming back from the PhD study leave (2008 - ), working as surfacewater expert where the responsibilities includes advising on flood studies, other hydrological studies, and reviewing the dams constructions related studies

**Main Projects took part in (Beside the routine described work):**

- The water resources Master plan 2001
- Rainfall Intensities in Oman: Greatest Recorded Events and Frequencies, 1998
- Daily Rainfall Frequencies in Oman, 2000
- Design Flood Manual for Oman, 2000
- Groundwater Exploration projects in Dakhliyah, Sharqiyah, Najd, Al-Buraymi, Andam-Halfayn (from preparing the feasibility study for some to the whole project in others)
- Feasibility study for rainfall harvesting
- Selecting groundwater tables for emergency use for main towns in Oman

**Published Papers:**

Has participated in many conferences and symposiums where have presented many papers. The attachments shows some of these papers that have been published in conferences or scientific journals