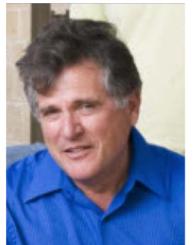


MOLECULAR Seminar Sengineering Senior Series

SPEAKER Eilon M. Adar Alain Poher Chair in Hydrogeology and Arid Zones, Ben Gurion University of the Negev



Overcoming Water Scarcity in the Middle East: The Israeli **Approach**

We shall not be able to meet the increasing demand for water (and food) by simply improving water-use efficiency. One cannot sustain the water and food supply with a diminishing amount of water and a continuously growing pop-

ulation. The prevailing sense in Israel is that water is regarded more as commodity rather than a resource. Accordingly, novel water innovations and technologies have been introduced to mitigate water scarcity and to secure a sufficient and adequate water supply. In Israel, this was achieved by:

- Improving water utilization efficiency: irrigation & water application; water reuse; water management: supply and quality.
- New water: Reclaimed treated sewage and massive seawater and groundwater desalination.

In spite of the apparent risk of conflict triggered by the scarcity of such a commodity, the presentation demonstrates how water scarcity has been used as a catalyst for co-operation on water-related issues.

Friday, November 21st **11 AM GCIS W301**

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