

**Curriculum Vita Summary for  
Dr. Jasem M. Al-Ansari  
Royal Commission Director General, Jubail**

**PERSONAL:**

Place of Birth: Dammam, Kingdom of Saudi Arabia.  
Date of Birth: 1948.  
Marital Status: Married.  
Leisure Interest: Fishing and Tennis.

**EDUCATION:**

BS ME from College of Petroleum and Minerals, 1971.  
MS ME from University of California, Santa Barbara (UCSB) 1975.  
Ph.D. ME from University of Alabama, 1980.

**EMPLOYMENT HISTORY:**

Graduate Assistant, Mechanical Engineering, College of Petroleum and Minerals.  
Assistant Professor, Mechanical Engineering, University of Petroleum and Minerals.  
Associate Professor, Mechanical Engineering, King Fahad University of Petroleum and Minerals (KFUPM).  
Chairman, Mechanical Engineering Dept., (KFUPM).  
Manager, Energy Resources Division, Research Institute, (KFUPM).  
Dean Faculty Personnel, (KFUPM).  
Acting Secretary General, (KFUPM).  
Director General, Royal Commission for Jubail.

**PROFESSIONAL AFFILIATIONS:**

American Society of mechanical Engineers (ASME).  
American Society of Heating, Refrigerating & Air-conditioning Engineers (ASHRAE).  
Technical Committee on Thermal Energy Storage of ASHRAE.  
Saudi Engineering Society.  
Honorary Chairman for Jubail Rehabilitation Center.  
Chairman of Honorary Members Commission for Jubail Sport Club.  
Member of Applied Research Consultation Committee, Research Institute, (KFUPM).  
Vice Chairman for the Consultation Committee for Jubail Girls College.

PUBLICATIONS:

1. THERMAL ENERGY STORAGE IN AQUIFERS FOR A SOLAR POWER PLANT.
2. PROCESS HEAT STORAGE IN AQUIFERS.
3. IN HOUSE DESIGN AND FABRICATION OF FLAT PLATE SOLAR COLLECTOR FOR HOT WATER SYSTEM.
4. PRELIMINARY ASSESSMENT OF HEAT RECOVERY WATER HEATING IN DHAHRAN, SAUDI ARABIA.
5. A FLAT PLATE SOLAR COLLECTOR FOR SAUDI ARABIA.
6. WIND ENERGY ASSESSMENT IN THE KINGDOM OF SAUDI ARABIA.
7. DOMESTIC SOLAR WATER HEATING SYSTEMS R AND D IN THE RESEARCH INSTITUTE OF PETROLEUM AND MINERALS, SAUDI ARABIA.
8. THERMAL FRONT MASS TRANSFER APPROACH TO HEAT TRANSFER IN A POROUS MEDIA.
9. MASS ENERGY TRANSFER IN AN AQUIFER THERMAL ENERGY STORAGE SYSTEM.
10. REVIEW OF SOLAR POND STUDIES AND FLAT PLATE COLLECTOR TESTING.
11. A SOFTWARE LOGIC TO MONITOR AND CONTROL SOLAR COLLECTOR FIELDS F A RANKING ENGINE SYSTEM.

BOOKS:

- 1- WIND ENERGY ATLAS.  
(ARABIC & ENGLISH)
- 2- RENEWABLE ENERGY AND ENERGY CONSERVATION.  
(IN ARABIC)
- 3- WHAT DO YOU KNOW AOUT OIL.  
(IN ARABIC)
- 4- SAUDI ARABIA EASTERN PROVINCE'S PALM TREES.  
(IN ARABIC & ENGLISH)

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