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## ECONOMIC AND SOCIAL COMMISSION FOR WESTERN ASIA

Expert Group Meeting on Implications of Groundwater Rehabilitation  
for Water Resources Protection and Conservation  
Beirut, 14–17 November 2000

### UN ECONOMIC AND SOCIAL COMMISSION PROVISIONAL AGENDA FOR WESTERN ASIA

1. Opening session
2. Adoption of the agenda
3. Adoption of the programme of work
4. Keynote speaker:

21-11-2000

LIBRARY & DOCUMENT SECTION

Mr. Omar Touqan,  
Chief of Energy, Natural Resources and Environment Division

Mr. Habib El-Habir,  
Deputy Regional Director of UNEP/ROWA

Dr. Hazem EL-Bablawi,  
ESCWA's Executive Secretary

His Excellency Minister of Energy and Water in Lebanon  
Mr. Mohammad Abdel Hamid Baydoun

5. Presentation and discussion of the working papers

#### A- ESCWA Papers

- (i) Implication of groundwater rehabilitation in Western Asia;
- (ii) Issues in groundwater rehabilitation projects;

#### B- BGR Papers

- (i) Groundwater use and protection in Germany;
- (ii) New Approaches to groundwater rehabilitation,

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- (iii) Flow and Transport Modeling;
- (iv) Groundwater vulnerability mapping: decision-support in groundwater resources quality protection;
- (v) Implication of groundwater rehabilitation;
- (vi) Groundwater pollution control and protection.

### **C- UNEP PAPERS**

- (i) Groundwater pollution: environmental health impact;
- (ii) Guidelines for groundwater protection and pollution in GCC Countries;
- (iii) Groundwater pollution by irrigated agriculture: a case study.

### **D) Ministry of Energy and Water Paper**

- (i) Aspect of groundwater quality in Lebanon
- (ii) Salt water intrusion at the Hedith aquifer of Beirut.

#### 6. Country papers reflecting the national experiences in topics relevant to the subject of the meeting:

- (i) Oman country paper on: "Protection of water supply well field";
- (ii) Jordan country paper;
- (iii) Lebanon country paper.

#### 7. Regional organizations' papers

- (i) Arab Organization for Agricultural Development Paper on:  
Groundwater pollution from irrigation practices in the Arab Countries;

#### 8. International organizations' papers:

- (i) World Bank paper on groundwater management in Middle East and North Africa;
- (ii) International Atomic Energy Agency paper on groundwater pollution control and protection.

#### 9. Universities and research institutions' papers:

- (i) Groundwater vulnerability to contamination in Central Beqa'a Plain;
- (ii) Evaluating the potential of submarine springs: an unconventional groundwater source for the coastal area of Lebanon.

#### 10. Conclusions and recommendations.

#### 11. Adoption of the final report