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In Celebrating the 25th Anniversary of
The UNITED ARAB EMIRATES University

First Edition
April 2002
His Highness Sheikh Zayed bin Sultan Al Nahyan and His Highness Sheikh Tahnoun bin Mohammed Al Nahyan discussing Al Ain development (with map of Al Ain in front of them) at Almaqam Palace in 1977.

The whole development in Al Ain may be attributed to:
- Oil revenue
- Determination of the leadership of the UAE
- The special flavor to the UAE leader (Al Ain is the motherland of H. H. Sheikh Zayed bin Sultan Al Nahyan)
Acknowledgements

The author would like to acknowledge the support of the UAE university research council through the provision of research grant number 04-1-11/2 and the special encouragement by Dr. Maitha Salem Al Shamsi, Deputy Vice Chancellor for Scientific Research at the UAE University.

Thanks are extended also to Al Ain Town Planning Department for providing aerial photographs, the Remote Sensing Laboratory at the Faculty of Science for providing satellite imagery, and Mr. Hamdi Kandil for cartographic editing.

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General Map of United Arab Emirates
General Map of Al Ain

## Historical Development of Al Ain by Figures

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<th>1975</th>
<th>1980</th>
<th>1999</th>
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<tr>
<td>1</td>
<td>Population (Persons)</td>
<td>51,000</td>
<td>120,000</td>
<td>351,000</td>
</tr>
<tr>
<td>2</td>
<td>Water Daily consumption (Million gallons)</td>
<td>1,17</td>
<td>14,7</td>
<td>48,7</td>
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<tr>
<td>3</td>
<td>Agriculture (Hectare)</td>
<td>2,424</td>
<td>4,369</td>
<td>32,440</td>
</tr>
<tr>
<td>4</td>
<td>Health (Doctors)</td>
<td>40</td>
<td>52</td>
<td>494</td>
</tr>
<tr>
<td>5</td>
<td>Electricity (Megawatt/hr)</td>
<td>89,069</td>
<td>600,000</td>
<td>4,724,108</td>
</tr>
<tr>
<td>6</td>
<td>Education (Number of Primary Schools)</td>
<td>22</td>
<td>46</td>
<td>161</td>
</tr>
<tr>
<td>7</td>
<td>Transportation (Length of internal roads km)</td>
<td>337</td>
<td>451</td>
<td>4,588</td>
</tr>
<tr>
<td>8</td>
<td>Solid waste (Tons/day)</td>
<td>46</td>
<td>166</td>
<td>331</td>
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## References

• The appearance of Al Ain as an international destination (The construction of Al Ain Airport).
• Al Ain witnessed an expansion in agricultural areas in the south-west, increase in built-up areas in the north-west (Al Towayya), and road network (Al Towayya-Al Slamat).
• The city is largely extended in the south-west direction.
• This may be due to:
  • availability of water and electricity along the line from Abu Dhabi.
  • transportation network (Al Ain-Abu Dhabi road).
  • attraction nodes (Almaqam Palace, Tawam Hospital, UAE University).
  • less topographic constraints (low sand dunes).
  • legal ownership of the land (no political boundaries).
  • planning rules and regulations (Master plan implementation).
The legacy: the oasis dominated the center of Al Ain with few roads and buildings scattered around it.
More roads and buildings started to dominate the center of Al Ain with the oasis being conserved.
Although of the continuous expansion of buildings and roads, the oasis is almost remains the same between 1976 and 1998. This is a unique example of environmental conservation.

Worldwide there is intrusion of urban areas into agricultural ones, however, in Al Ain the case is not the same.
• **Few commercial buildings**: along Zayed bin Sultan Street and there was almost no buildings along Khalifa bin Zayed Street.
• **New buildings**, roads and farming techniques started to appear.

• **Buildings**: more commercial buildings along Zayed bin Sultan Street, Khalifa bin Zayed Street and the Souk.

• **Roads**: Roads linking Zayed bin Sultan and Khalifa bin Zayed Street started to appear.

• **Farming techniques**: Green houses (G) was practiced at the farm in the center of the photo.
Although of the continuous increase in the number of buildings and roads in the central district, the three farms between Zayed bin Sultan Street and Khalifa bin Zayed Street had resisted the urban expansion between (1976-1998) (Conservation of green areas at the center of the city).
• The existence of Al Muwaijii Fort and Al Jimi Hospital before 1976 surrounded by desert.
• New buildings, roads, sport activities, and vegetation cover started to appear around Al Jimi Hospital.
• Buildings: Villas were built to the north of the hospital (Hai Al Wadi). However, until 1984, there was no Preventive Medicine Department (PMD).
• Roads: Shakhboot bin Sultan Street (north of the hospital) was extended from east to west and Saeed bin Tahnoon Al Awwal Street to the west of the hospital.
• Sport activities: Camel Race Track appeared at the north-west corner of the photo (Heritage conservation).
• Vegetation cover: More landscaping trees appeared inside Al Jimi Hospital and along Al Baladiyya Street. Farms to the south of the hospital and Al Muwaijii Fort have witnessed an increase in the density of trees.
• The existence of the UAE University before 1976 (The Islamic Institute)
• There was no celebration ground to the south and no landscaping on the Shakhboot bin Sultan Street (north).
• Teaching Staff of UAE University: 56
• Students: 519
• The restructuring of the UAE University (parking area to the east and sport complex at the west of the University).
• The green revolution of H.H. Sheikh Zayed bin Sultan started to appear at Shakhboot bin Sultan Street (the formation of the Al Baladiyya Park).
• Teaching Staff of UAE University: 469
• Students: 6326
• There was no major change in the UAE University (Islamic Institute) between 1984 and 1998. This is because the majority of students were distributed among other campuses. However, in late 2001 an additional facility (Almultaga-Social Club) was established in the southern part of the University.
• The Public Garden was existed since 1976 as an entertainment node for the public. However, there was no Private Department during that period.
• There was a big farm extended across Al Ain Street and no buildings along the street.
Public Garden and Private Department Area, 1984

- The Public Garden witnessed more plantation. However, until 1984 there was no Private Department.
- The big farm extended across Al Ain Street was disappeared and new buildings along the street replaced it.
Public Garden and Private Department Area, 1998

• The Private Department appeared as a landmark at the center of the photo.
• The number of buildings along Al Ain Street has increased and more internal streets appeared.
• The area contained important historical landmarks: Al Hosn and Murabba’a Fort, Fish and vegetable Market, Police Station, and the old settlements surrounding Al Hosn Fort. These settlements may indicate association of people in the past to Al Hosn Fort and the Oasis.
Al Hosn and Murabba’a Fort Area, 1984

- Until 1984, no action has been taken on Al Hosn and Murabba’a Fort and Police Station. However, the old settlements surrounding Al Hosn Fort had been displaced and new commercial buildings appeared along Zayed bin Sultan Street in the northeastern direction of the area.
- Fish and vegetable Market had been renovated.
Al Hosn and Murabba’a Fort Area, 1998

- Al Hosn and Murabba’a Fort had seen some renovations. The Al Hosn Fort was becoming part of Al Ain Museum. The old settlements surrounding Al Hosn Fort had been displaced and new commercial buildings appeared along Zayed bin Sultan Street in the northeastern.
- Fish and vegetable Market had been renovated.
- The Cattle Market appeared with roads and shelters.

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Sponsor: UAE University
Source of Photos: Al Ain Town Planning Department. June 2002
Private Department and Jahili Fort 1998