

Environmental Greening Project at Nadd Al Sheba in Dubai, UAE

(Period of the study: 2 years from April, 1985 Our assignments: Afforestation and Landscaping)

Background of the Study

This was the consulting service for the environmental greening project carried out by the Dubai Water Department at Nadd Al Sheba area in Dubai, UAE. The consulting services include the establishment of windbreak forest to control soil erosion and to protect the whole area including the palace of crown prince, schools, house and parks and the landscape gardening inside the palaces, schools and parks.

An outline of the Study

Consulting services have been carried out in the range from the stages of afforestation and irrigation network planning, site preparation and fencing, preparation of irrigation facilities, tree seedlings production and their planting, to the maintenance such as irrigation and fertilization. The target area was extended from salts accumulated area in the coast to the shifting sand hill area in the inland and both areas have unique soil condition. Therefore, soil treatment before planting, selection of proper tree species, and suitable maintenance according to each conditions were needed. Practically, the green belt was extended under the process of repeated trials and errors.

Our Assignments

- Establishment of afforestation and irrigation network plan,
- Site preparation and fencing,
- Preparation of irrigation facilities, soil treatment before planting and planting of seedlings,
- Construction of nursery, selecting proper tree species and production of seedlings, and
- Operation of irrigation facilities and maintenance such as fertilization and weeding.

