

Study on forest restoration technique guideline at desert area in UAE and Yemen
(Period of the study: 0.5 month from November, 1992 Our assignments: Soil-Erosion Control by Afforestation)

Background of the Study

This study was carried out by applying ODA budget of the Forestry Agency in order to establish forest restoration technique guideline in the desert area as an activity of oversea afforestation cooperation promotion project. The main objective of the study was to establish the technique of soil conservation to fix shifting sand by using afforestation in the Middle East, especially at the coastal area where desert is expanding.

Outline of the Study

Field survey was carried out at afforestation sites of Dubai, Abu Dhabi and Al Ain in UAE, and sand fixation sites of Tihama, Aden and Malib together with windbreak forest in Yemen. Based on the results of field survey, the most appropriate project site was selected at Hodeida district of Tihama plain, Yemen in order to implement the afforestation program for sand fixation.

Our Assignment

- Collection and analysis of information about natural and social conditions in both UAE and Yemen,
- Field survey on the present situation of tree species, irrigation method and maintenance in the existing projects,
- Investigation and selection of the suitable site for verification study, and
- Formulation of an experimental plan of verification study.



Example of large-scale afforestation in UAE



Afforestation between Abu Dhabi and Al Ain



Agriculture at Tihama, Yemen



Sand Fixation at Tihama, Yemen