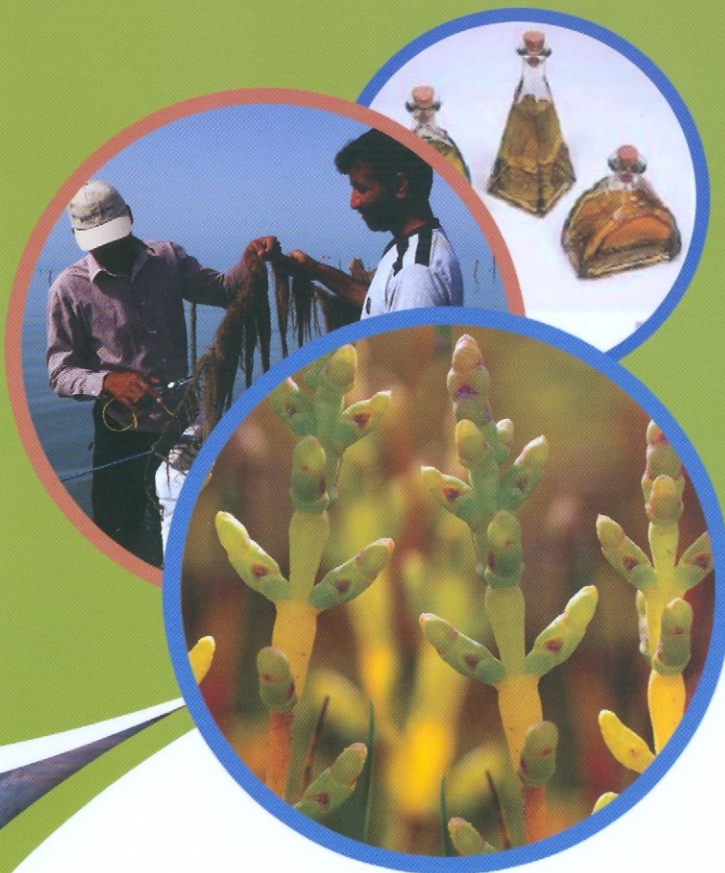


Main Objectives

1. Development of the south coastal areas based on saline resources (soil and water)
2. Stabilization of dust and development of vegetation on saline land prone to wind erosion
3. Economic prosperity of coastal areas
4. Increasing the security of Iran's southern border and preventing the migration of people toward big cities
5. Establishment of Clean Development Mechanism (CDM)
6. Increasing local and global food and water security
7. Promoting the living conditions and improving social welfare at southern coastal areas
8. Decreasing the tensions on freshwater resources through growing substitute crops
9. Quick and simple way to create Job



Iran Water and Power Resources
Development Co.



Iran Water and Power Resources
Development Co.

No.3.BIDAR st. AFRICA junction,
MODDARES Exp,Way TEHRAN

◆ Post code: 1964913581-, IRAN

◆ Tel: +98 (21) 27823113

◆ Fax: +98 (21) 26213732

www.iwpc.co.ir

Haloculture

Haloculture is an environmentally friendly practice which aims at economic and sustainable utilization of saline soil and water resources.



Activities:

1. Investigation of domestic salicornia varieties and comparing their yields and properties with other foreign varieties
2. Pilot study farms for evaluation of halophyte cultivation, aquaculture and related activities using sea water in Khuzestan, Bushehr, Hormozgan and Sistan and Baluchestan Provinces
3. Integrated studies to identify haloculture potentials in Khuzestan, Bushehr, Hormozgan and Sistan and Baluchestan Provinces
4. Growing economic halophyte Plants, micro and macro Algae as well as seaweeds

Activities:

1. Creation of Integrated seawater farms at south coastal areas
2. Development of secondary processing units for using seawater crops
3. Encouraging the Private Sector to invest in developing seawater farms and help creation of necessary infrastructure
4. Creating a culture for using seawater crops

Potential crops and side benefits

- Production of halophyte fodder
- Production of halophyte herbs, vegetable proteins, honey and oilseeds, wood, paper, halophyte decorative plants
- Afforestation (mangrove, ...)
- Development of green space in coastal areas
- Production of chemical, pharmaceutical and healthcare materials (biodiesel, Agar, ...)
- Development of aquaculture (Artemia, shrimp, macro algae, micro algae, seaweeds, bivalve, seawater micro organisms) in south coastal areas