

## Phoenix dactylifera Ecosystem in Morocco: Ecology, Socio Economic Role and Constraints to Its Development

**Authors :** Mohammed Sghir Taleb

**Abstract :** Introduction The date palm (*Phoenix dactylifera* L.) represents an essential element of the oasis ecosystem for Saharan and pre-Saharan regions of Morocco. It plays an important role, not only due to its economic importance, but also its ecological adaptation to, firstly, to ensure necessary protection for crops against underlying warm and dry sales, and secondly to contribute to the fight against desertification. This is one of the oldest cultivated plant species best adapted to difficult climatic conditions of the Saharan and pre-Saharan regions, because of its ecological requirements and economically most suitable for investing in oasis agriculture. Methodology The methodology is mainly based on a literature review of principal theses and projects for the conservation of flora and vegetation. Results The date palm has multiple uses. Indeed, it produces fruits rich in nutrients, provides a multitude of secondary products and generates needed revenue for the survival of oasis populations. In Morocco, the development and modernization of the date palm sector face, both upstream and downstream of the industry, several major constraints. In addition to climate constraints (prolonged drought), in its environment (lack of water resources), to the incessant invasion of disease Bayoud, Moroccan palm ecosystem suffers from a low level of technical and traditional practices prevail and traditional, from the choice of variety and site preparation up to harvesting and recycling of products. Conclusion The date palm plays an important role in the socioeconomic development of local and national level. However, this ecosystem however, is subject to numerous degradation factors caused by anthropogenic action and climate change. to reverse the trends, several programs have been developed by Morocco for the restoration of degraded areas and the development of the *Phoenix dactylifera* ecosystem to meet the needs of local populations and the development of the national economy.

**Keywords :** efforts, flora, ecosystem, forest, conservation, Morocco

**Conference Title :** ICWBC 2024 : International Conference on Wildlife and Biodiversity Conservation

**Conference Location :** Bali, Indonesia

**Conference Dates :** October 24-25, 2024