

| Main theme | Sub - Theme | Code Number |
|----------------------------------|---|-------------|
| Natural Resources | Biodiversity | 17 |
| Study Name | Plant Biodiversity in Jordan | |
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| Date of Study | 1996- 2000 | |
| Objectives | The project aims at studying the wild flowering plants in Jordan regarding the following aspects: to assess the status of plant biodiversity in Jordan in terms of its species diversity for the wild vascular herbs, bushes and trees. To conduct scientific research on wild plants in Jordanian ecosystems related to its different potentials, medicinal, poisonous, edible etc. to test the different plant extracts for its potentiality or capability to inhibit plant and animal tumors, and to find methods any ways to conserve the plant biodiversity of flora form the danger of loss and extinction. | |
| Output and Recommendation | <p>Jordan is rich in its biodiversity including medicinal plants resources. Nevertheless, the majority of these important plants are threatened and endangered. The genetic resources of these plants should be urgently protected. <i>Recommendations:</i></p> <ol style="list-style-type: none"> 1. Legislations should be adapted by the government to control the handling and exchange of biological diversity and genetic resources. 2. share benefits should be made clear when signing contracts with governmental , or not-governmental sectors interested in using genetic resources and biodiversity .3 Strict rules should be effectively enforced to control aggressions made by irresponsible people. | |
| Development Aspects | <p><i>Seeds banks</i> should be considered as a first priority in any conservation programme. Establishment of research and monitoring programmes for cultivation and propagation, under modern cultural practices, of medicinal plants is essential for preserving and maintaining the germplasm of rare, endangered, or over-exploited medicinal plants. Coordination and cooperation at the national and international scales should be encouraged to ensure the conservation of the diversity of medicinal plants. <i>Establishments of botanical gardens (ex situ conservation):</i> the major task of botanical gardens is to focus on the great diversity of plants and consequently the conservation and display of genetic resources. <i>Establishing of national reserves:</i> the basic function of national reserves is to protect the wild flora and fauna of a particular area.</p> | |
| Remarks | https://doi.org/10.5897/IJBC2014.0741 | |

