

KKL-JNF: Ensuring a Sustainable Future for Israel



Established in 1901, KKL-JNF is one of the world's most veteran pioneers in environmental protection and sustainable development.

Mandated by the government, KKL-JNF acts as Israel's National Forest Service and Land Development Authority. In this capacity, it manages 300,000 acres (120,000 ha) of planted forests, woodlands, and open spaces, while initiating and implementing numerous national land development activities that enhance the quality of life for all the country's residents.

Areas of Research, Expertise and Collaboration



Sustainable Forest Management (SFM)

- Manages 300,000 acres (120,000 ha) of forests
- Developed advanced SFM practices for semi-arid and arid regions, based on extensive experience and ongoing research
- Established a multi-layered, mixed-species forestry approach to encourage biodiversity and promote ecosystem services
- Established Israel's National Tree Seed Center and 3 tree nurseries, where 1 million saplings are produced annually
- KKL-JNF's 300 firefighters are on standby 24/7 with a fleet of 25 fire trucks and 14 staffed fire watchtowers



Addressing Climate Change

- Responsible for 40,000 acres (16,000 ha) of desert afforestation
- Supports infrastructure for research centers and laboratories
- Currently establishing an International Climate Crisis Center
- Participates in ~70 annual research initiatives in environment, forestry, ecology, aquatic environments, river restoration, sustainable agriculture, ornithology, and renewable energy



Bolstering the National Water Economy

- Developed and implements cutting-edge biological water purification technologies
- Built over 230 reservoirs that collect treated wastewater and runoff, providing 40% of the water for Israel's agriculture
- Implements dryland watershed management projects



Agriculture and Food Security

- Supports 8 agricultural R&D stations, which develop groundbreaking farming technologies
- Promotes soil conservation, efficient water utilization, and alternatives to and reduced use of pesticides
- Promotes international desert agriculture initiatives in developing countries
- Supports ~100 annual food security research projects
- Plants nectar-producing trees, providing forage for honeybees and ensuring the continuation of agriculture



Ecosystem Services and Ecotourism

- Created ~1,343 forest picnic and leisure sites and scenic lookouts
- Turns forests and parks into partially or fully accessible sites, according to the Israeli accessibility law and an area's topography
- Operates dozens of innovative visitor centers
- Initiated KKL-JNF Wings program, a network of birding sites
- Established the Agamon Wildlife Rehabilitation Center (AWRC)
- Millions of people visit KKL-JNF's forests annually, open to the public 24/7 free of charge
- The world's first organization to have drawn up a national bike trail master plan, with 1,300 km of forest cycling trails to date



We Do Much More!

Read more about KKL-JNF's activities as reflected in its implementation of the 2030 UN Agenda for Sustainable Development (SDGs).

<https://bit.ly/3BYXG35>