

## Internship opportunities available in the Long Term Socio-Ecological Research Center



### 1. Acacia research assistant

#### Intern responsibilities

- Maintain, monitor and responsibility for the acacia orchard.
- Field monitoring of acacia trees in the Arava and surrounding region; including the sites of different organizations in Israel and Jordan.
- Developing NDVI methodology of sampling trees.
- Field research on acacia including biomass, water-tree health and root systems.
- Establish and maintain connections to conservation organizations in Israel and the rest of the world.
- Writing reports and proposals.
- Assisting in the development of the acacia research center.

#### Qualifications

Candidates with a background in biology, agriculture, forestry, environmental science or hydrology.

A love of the outdoors and working with plants.

[www.arava.org](http://www.arava.org)

## **2. Biodiversity and food web research assistant**

### Intern responsibilities

- Sampling biodiversity in arid and hyper-arid ecosystems.
- Comparing sand dune, acacia woodland dry valleys, agriculture and other ecosystems.
- Building a desert food web structure using stable isotope analysis, cafeteria experiments, field sampling, behavioral observations and lab experiments.
- Sample soil fauna.
- Develop the detritus food web concept.
- Assist in collaboration with Jordanian researchers.
- Write reports and proposals.

### Qualifications

Candidates with a background in biology, environmental science, environment studies or ecology. A love of the outdoors and working with animals..

## **3. LTSER Coordinator**

### Intern responsibilities

- Running the platform including updating scientists, website, budget, arranging meetings, writing research proposals, etc
- Developing the LTSER platform including involving stake holders, conservation management, forestry, and educational organisations as well as regional councils .
- Developing the concept of ecosystem integrity.
- Ecosystem integrity field work both in the Arava (Israel and Jordan) and in the Negev.
- Developing the Arava natural history museum.
- Linking biodiversity to management and planning.
- Assisting in collaboration with Jordanian researchers.

### Qualifications

Candidates with a background in biology, environmental studies, geography, politics, policy, Middle East studies or related topics with good management and interpersonal skills .

#### 4. Ecosystem service research assistant

##### Intern responsibilities

- Composing a chapter on desert ecosystem assessment for publication.
- Assisting faculty with projects related to ecosystem services in the Arava.
- Assisting with the coordination of the LTSER, especially in issues requiring Hebrew.

##### Qualifications

Candidates with a background in social sciences that like to work in a team. Knowledge of Arabic or Hebrew is an advantage.

- Composing a chapter on desert ecosystem assessment for publication.
- Assisting faculty with projects related to ecosystem services in the Arava.
- Assisting with the coordination of the LTSER, especially in issues requiring Hebrew.