

Long-Term Socio-Ecological Research Internship

The LTSER intern will work in the LTSER center on several projects that are currently planned, along with other projects that may occur during the intern's duration at the Arava Institute.

The Arava LTSER platform belongs to the Israel LTSER (Long Term Socio-Ecological Research) organization, which is part of the International LTSER network (<http://www.iltner.net/>). The prime goal of this network is to monitor and research long term ecosystems around the world. Specifically at the Arava LTSER (Long Term Socio-Ecological Research) platform in addition to ecology, we study the link between ecosystems and society using mostly the ecosystem services approach.

Qualifications – Essential

- First degree, preferably in environmental disciplines.
- Strong organizational and time management skills
- Affinity for outdoor work
- Computer proficient (Microsoft Office, Excel, Word, PowerPoint)
- Pleasant and personable, hardworking, efficient, able to work under pressure and for long hours.
- Ability to work independently,

Qualifications – preferable

- Interested in meeting people from many countries and cultures. Willing to take on major responsibilities and to carry out mundane tasks as well.
- Knowledge of GIS
- Preference will be given to those with a B.Sc in biology, environmental science, ecology, agriculture or similar topics. Graduates with a Master degree also have a preference.

Responsibilities

- Coordinating the Israel Arava LTSER platform
- Field work including ecosystem surveys and orchard monitoring
- Strengthen collaboration with Jordan platform
- Build an ecosystem monitoring programme
- Build a rapid assessment for ecosystem service scheme.
- Develop platform website

Tasks

- Field work including survey of acacia tree populations, collecting insects from trees, study of germination, sampling biodiversity of sand dunes, collecting manure of large herbivores

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מכון הערבה

Arava Institute

معهد وادي عربة

- Lab work including survey of the acacia orchard, germination of acacia seeds (from feces), breeding seed beetles
- Establish a new setup of monitoring 4 ecosystems (to start with) based on the Europe LTER framework of ecological integrity. The work includes establishing the protocols and starting pilots
- Rapid assessment survey of ecosystem services of the platform based on a protocol developed by Europe LTER and all ready done in another platform in Israel.
- Build relationship with Jordan LTSER platform (called SAWA).
- Develop GIS mapping of the platform (if possible)
- Arrange meetings of scientists from Israel and Jordan

Conditions of Internship:

- The Institute will provide living arrangements including food, housing, health insurance and laundry services at the AIES campus. The intern may be placed in a room with another Institute intern or with an AIES student, living on the AIES campus.
- This is a self funded position covering room, board, and program participation. The cost is \$1300 per month.
- The Institute will reimburse the intern for all expenses incurred due to job requirements including the use of a personal cell phone and travel expenses.
- The intern must own a laptop and have a cell phone.
- The intern will be allowed to attend special guest lectures and participate in field trips and campus life activities.
- The Social Media/ PR Intern may be asked to help other interns to give assistance to other departments or staff as part of the Arava Institute staff team.
- The intern will be expected to participate in general staff meetings and certain staff activities
- The intern will be required to participate in staff office maintenance rotation (toranut)

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