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הפקולטה למדעים מדויקים ע״שׂ ריימונד ובברלי סאקלר אוניברסיטת תל אביב

החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

International Program in Environmental **Studies**

Internship positions 2020-2021

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••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Organizations /NGO/ Municipalities positions:

- 1. The Center for Renewable Energy and Energy Conservation
- 2. The Interfaith Center for Sustainable Development (ICSD)
- 3. Association of Environmental Justice in Israel (AEJI)
- 4. The GoodFood Institute (GFI)
- 5. Green Course
- 6. Engineers Without Borders Israel (EWB-IS)
- 7. Zavit an environmental news agency
- 8. The Natural Step Israe (TNS)
- 9. EcoPeace Middle East
- 10. Eilat
- 11. Keren Kayemet Lelsrael (KKL)
- 12. RadGreen
- 13. Gina BaKerem

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החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

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הפקולטה למדעים מדויקים ע"ש ריימונד ובברלי סאקלר אוניברסיטת תל אביב

The Center for Renewable Energy and Energy Conservation https://arava.org/arava-research-centers/center-for-renewable-energy/

Established in August 2008 and directed by Dr. Tareq Abu Hamed, the Center for Renewable Energy and Energy Conservation (CREEC) is an integral partner in the Arava region's rapid progress to become Israel's "Silicon Valley" in research, development, and technology of renewable energy. The Center conducts research in a wide variety of subjects focusing on energy policy, solar fuels, photovoltaic technologies, biomass, wind and solar thermal energy, as well as innovative building construction techniques customized to conserve energy in desert climates.

The Center's research supports regional initiatives to test and launch small-scale renewable energy projects including self-cleaning solar panels, biogas technology, solar-powered desalination, and more.

1.1 Internship position name/title: Business engagement specialist

Job description including the type of work and responsibilities:

Prepare briefing notes, policy and technological summarizes presentations/literature reviews and relevant materials in relation to various topics related to the chosen topic. Energy Transition at Home – Rooftop PV Opportunities in the Residential Sector in Israel and Germany

In Israel, the residential sector represents 29% of electricity consumption in 2017. In the same year, in Germany, the residential sector represents 24% of electricity consumption. It shows that the residential sector in both countries is a major source of energy consumption and therefore has an important role in the energy transition of both countries. Nowadays, we can see a significant cost reduction of renewable energy technologies such as solar PV which help significantly by reducing electricity costs. This cost reduction can help residents and small businesses to invest in, for example, own solar rooftop PV and generatetheir electricity. The cost reduction with supportive policy environment could help many citizens and small businesses to get involved in the energy transition in their community. This research focuses on specific legislation aimed at accelerating rooftop PV in the residential sector showcases possible lessons from Germany that could bring more ambitious targets for the energy transition in Israel.

Requirements:

Be fluent in English and Hebrew (knowledge of additional language is an advantage)
Have a demonstrated interest in the field of energy and environmental policy, public policy
Experience in academic writing (making literature review, policy summary)

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The Raymond and Beverly Sackler Faculty of Exact Sciences

Tel Aviv University

הפקולטה למדעים מדויקים ע״ש ריימונד ובברלי סאקלר אוניברסיטת תל אביב ••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

החוג ללימודי הסביבה

Computer literacy:

Microsoft Office (Word, Excel and PowerPoint)

1.2 Internship position name/title: Prepare briefing notes, policy and technological summarizes presentation/literature reviews and relevant materials in relation to various topics related to the chosen topic.

Job description including the type of work and responsibilities :

A Comparison of Israel and Germany's National Biogas Policies

Biogas production from organic materials is seen as a viable method of clean, renewable energy production. Whether it is used as cooking fuel for a rural household, or to provide baseload power to the electric grid of an industrialized nation, the process of producing biogas via anaerobic digestion is fundamentally the same. Biogas production can occur on various scales: (1) home-scale, (2) farm-scale, and (3) industrial-scale. This research aims to assess what national biogas policies are effective in promoting its adoption. The research focuses specifically on the German energy transition to biogas, where biogas has flourished in response to long term policy planning. During the research, Germany's national biogas

and renewable energy policies will be compared with Israel's and recommendations are made for how to best promote biogas in Israel moving forward.

Requirements:

Be fluent in English and Hebrew (knowledge of additional language is an advantage)
Have a demonstrated interest in the field of energy and environmental policy, public policy
Experience in academic writing (making literature review, policy summary) Computer
literacy: Microsoft Office (Word, Excel and PowerPoint)

The Interfaith Center for Sustainable Development (ICSD) https://www.interfaithsustain.com/

ICSD connects religion and ecology and galvanizes faith communities' action and teaching on environmental sustainability. ICSD manifests these goals primarily through four current projects: publication of the Eco Bible; the Faith Inspired Renewable Energy Project; the Interfaith Eco Seminary Engagement Project; and the Los Angeles Faith and Ecology Network.

2. Internship position name/title: Social Media Intern on Religion and Ecology

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Tel Aviv University אוניברסיטת תל אביב

ע״שׂ ריימונד ובברלי סאקלר

החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Job description including the type of work and responsibilities:

The intern will focus on blogging and marketing efforts on religion and ecology, specifically related to the launch and publication of the Eco Bible commentary in November.

The intern will work closely with ICSD's executive director, Rabbi Yonatan Neril, in the work of the internship.

Likely assignments include writing and editing blog posts in English on ecological topics, including climate change, plastic, and biodiversity. The intern will also be assisted by a professional social media advisor based in Canada.

Requirements:

Strong proficiency in English Good writing Social media. And/or video editing skills

Association of Environmental Justice in Israel AEJI http://www.aeji.org.il/en/home

AEJI was set up on 2009 by senior academics and professionals in the field of Environment, civic change and human rights movement. AEJI has been focusing on the inter-connectedness of society, environment and decision-making processes to produce policy recommendations that are real and acceptable while promoting the strengthening of democracy, equality and environmental justice values.

AEJI activities are conducted in 4 main fields:

- A. Initiating of researches on environmental and climate justice and field, including climate security, resilient communities, climate and environment economies. In frame of research field, we work to create Data Base that attempts to expand research borders of environmental &Climate justice and elucidate workable solutions framework for decision makers.
- B. Development of policy tools that promote a Sustainable Strategy and propose solutions based on the values of democracy, equality and environmental justice. Gender equality is framed by our activities.
- C. Increasing civic participation on matters of environmental justice and decision-making processes regarding local and regional governance. The emphasis is vulnerable groups, especially Arab minority and residents of the periphery.
- D. Originating and participates in international initiatives, mainly in the field of Climate & Energy Justice, aimed to create common ground shared with neighboring countries.

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The Raymond and Beverly Sackler Faculty of Exact Sciences
Tel Aviv University

Tel Aviv University

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החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

3. Internship position name/title :a) Associate Researcher in the main research fields of AEJI - especially Climate Justice including Gender perspective and migration, and Engaged Society.

b) Developing of Strategic Resources and cooperation

(*)Please note - The specific details will be elaborated in frame of the internship .

Job description including the type of work and responsibilities :

Developing materials aimed to present AEJI' research goals or field activity, in line of AEJI strategy;

The Internship position includes learning the AEJI diverse activities, searching for suitable fund resources, identify long term needs, prepare the written materials for presenting AEJI projects.

The intern will be in charge of holding correspondence, documents and presentations regarding the specific project she/he will be responsible for

Requirements

Good communication skills, especially written (correspondence, appeals, introductions, briefs) but not only .

Awareness to human rights needs in the context of environmental policy;

Research experience/or field experience;

Managing information and organizational skills are relevant as well

The Good Food Institute (GFI)

https://www.gfi.org/

The GoodFood Institute (GFI) is a U.S.-based nonprofit that promotes plant-based alternatives to meat, dairy, and eggs as well as cultivated meat (also known as cultured meat and cell-based meat), as alternatives to the products of conventional animal agriculture. GFI has affiliations in Europe, Brazil, India, Asia and Israel. We work with governments, scientists, investors, corporates, startups and entrepreneurs to accelerate the world for a better and more sustainable food system .

1. Internship position name/title :Business engagement specialist

Job description including the type of work and responsibilities :

In this position you will work under the business engagement department and you will get the chance to learn about the fast-growing market of alternative protein. GFI Israel is working on a project to create a state of innovation report and to map all the startups and

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Tel Aviv University

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Tel Aviv University

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

החוג ללימודי הסביבה

research in Israel in the alternative protein sector. This project is valuable for companies and investors in order to accelerate collaborations and to learn about the market. Your job will be to work with the business and science team in order to create this database/report.

Requirements

We would prefer candidates with scientific background with good business understanding and with excellent written skills (English)

Green Course

https://www.green.org.il/en/green-course-us/

Green Course is an activist grassroots movement. Our agenda is promoting sustainable environmental and social justice by creating pressure on decision-makers .Green Course believes in active civic involvement, community organizing, and leadership development. Hundreds of volunteers and activists lead our activity. We work in 12 communities (part of them on campuses) from Haifa to Beer Sheva to promote the hottest environmental-social issues climate crisis, air pollution, marine nature reserves, single-use plastic, and strengthening the periphery.

Our Propecia is community organization: organizing citizens around a common goal and promoting it via various political levels - actions in the public sphere, social networks, and Knesset and government ministries.

Green Course is a non-partisan organization that operates on a non-profit basis and is supported by donations from the public and foundations.

5.1 Internship position name/title : Digital Intern

Job description including the type of work and responsibilities :

Digital activism is a critical component in public campaigns. Digital activism has a significant impact on public discourse. The internship gives the intern extensive knowledge and experience in managing digital communities, organizing, and motivating citizens through the digital spaces, and leading public campaigns on social networks. The Responsibilities of the position include leading and managing the social networks of the organization, working with our campaign leaders, participating, and designing strategic processes of the various campaigns, and more.

5.2 Internship position name/title :FundraisingIntern

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הפקולטה למדעים מדויקים ע"ש ריימונד ובברלי סאקלר אוניברסיטת תל אביב

החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Job description including the type of work and responsibilities:

Fundraising is one of the most critical areas for a public campaign's success, which most of the time stays behind the scenes. The intern will acquire useful professional knowledge about the following: knowing the world of funds in Israel and around the world, fundraising work through a variety of sources, mobilizing communities into campaigns, experience crowdfunding, and more. The intern will acquire essential knowledge and will be accompanied by a professional worker of the organization.

The interns will take part in our training program. The program is being held throughout the academic year and includes at least four professional training sessions. Participants in the training program acquire skills in various topics: planning and leading public campaigns, influencing the public agenda, effective actions in the public sphere, leading campaigns on social networks, standing in front audience, learning from colleagues, and more.

Requirements For both positions

The interns are required to adopt positive experience in teamwork, high written and oral expression, understanding and analyzing political situations and environmental problems, creativity, and initiative - identifying and picking up opportunities, and understanding the political system

Engineers Without Borders Israel

https://ewbilmanagement.wixsite.com/english

Engineers Without Borders Israel (EWB-IS) is a volunteer-based nonprofit organization strives to promote the quality of lives in communities in Israel and around the world through international and local technological ventures based on the needs of the communities and arising from their cooperation. The organization is based on voluntary action by Israeli students from various academic fields. EWB is an accelerator for the establishment and execution of projects led by students from all academic fields, accompanied by mentors from the academy and the industry. The projects are based on collaboration with local communities, identifying needs and assisting in implementing appropriate technologies to improve lives. Upon completion of the university chapter, EWB's alumnae become agents of change in the Israeli society. The organization is part of an international umbrella: EWB- International. The Israeli organization operates within branches based in Israeli universities.

6. Internship position name/title: Coordinator of the digital platform, organizational data management, coordination of storage and knowledge retention in the various branches of the Israeli organization, working with software developers while learning about field activities of EWB in communities in Israel and in developing countries.

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The Raymond and Beverly Sackler הפקולטה למדעים מדויקים Faculty of Exact Sciences Tel Aviv University

ע״שׂ ריימונד ובברלי סאקלר אוניברסיטת תל אביב החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Job description including the type of work and responsibilities:

Coordinator and director of the organization's annual conference for 2021. Creating a concept, managing lecturers and participants and assisting in production and coordination at the content and logistics level of the conference.

Work in full cooperation with the general manager of the EWB and EWB's volunteers in the various branches. Weekly meetings and tours, zoom meetings with partners abroad, meetings with the organization's activists at the various universities in Israel.

Requirements:

High interpersonal skills Ability to lead a project at a high level Advantage for native English speakers Teamwork. Curiosity and interest in working in developing countries

Zavit - an environmental news agency https://www.zavit.org.il/intl/en/

ISEES promotes the use of scientific knowledge and research to positively influence environmental decision-making in Israel. At the forefront of the organization's initiatives stands "Zavit", an environmental news agency that connects Israeli environmental scientists with a wide range of media outlets, providing exclusive coverage of the latest Israeli environmental research to the mainstream media. Journalism, Science Communication

7. Internship position name/title :Writer/Researcher at ZAVIT- Israel's Science and **Environment News Agency**

Job description including the type of work and responsibilities:

Having established strong relations with media outlets in Israel through the Hebrew website, Zavit is now expanding its activity to work with the English-speaking audience via its international website. Israel is at the forefront of environmental science, technology and innovation, and news about these advancements attracts readers not only domestically, but internationally, as well.

As a journalist at "Zavit", you will research for the latest developments in Israeli environmental sciences, conduct interviews with scientists and ultimately write articles (in English, Spanish, French and German) for the mainstream media in and outside Israel.

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The Raymond and Beverly Sackler הפקולטה למדעים מדויקים Faculty of Exact Sciences ע״שׂ ריימונד ובברלי סאקלר Tel Aviv University

אוניברסיטת תל אביב

החוג ללימודי הסביבה

ולמדעי כדור הארץ

••• בית הספר לסביבה

על שם פורטר

Other activities may include writing posts for social media, creating educational/promotional videos and more.

You will be working with a team of experienced science communicators, alongside alumni of the Porter School international school from previous years.

Requirements

Basic computer skills (web, word, mail)

Excellent writing skills (in English)

Scientific literacy skills (Ability to read and understand scientific articles)

Interpersonal skills (being able to approach scientists and conduct interview)

Graphic Design skills, Video editing/recording, photography – a plus

The Natural Step Israel (TNS) www.thenaturalstep.co.il

TNS-Israel is a non-profit that promotes strategic sustainability in Israel, using the perspective of innovation and quality. We are a part of an international network that works to promote strategic sustainability since 1989. The Israeli organization was established in .2012

Our vision is of a healthy, just and happy society that thrives within the natural system's boundaries. Our mission is to catalyze the needed transition towards a sustainable society in Israel by introducing new perspective and tools that create a leap towards sustainability.

We combine robust sustainability principles as well as new methods and models for collaboration around cross sectorial challenges. Our main channels of actions include the Sustainability Transition Lab for collaboration towards sustainability in the food sector; capacity building channel which includes training for high level executives and in-depth workshops, and projects to promote behavior change through positive motivation.

8 Internship position name/title: Research and case study designer

Job description including the type of work and responsibilities:

The intern will work closely with the head of capacity building department and the Sustainability Transition Lab team on research, design and development of materials that will serve both the organization and its target audience .

The Sustainability Transition Lab is our biggest project. It is based on a participatory model in which we focus on a challenge and engage all the relevant stakeholders in

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The Raymond and Beverly Sackler הפקולטה למדעים מדויקים ע״ש ריימונד ובברלי סאקלר ••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

החוג ללימודי הסביבה

Faculty of Exact Sciences

Tel Aviv University אוניברסיטת תל אביב

order to solve it strategically and create a systemic change. Our current focus areas are reducing food waste and plastic food packaging in Israel. We have established collaborations with many organizations across all sectors. Including governmental ministries, manufacturers, retailers, academic institutions and more. Read more about the Lab here.

The intern will have the opportunity to take a part in the Lab process by creating an attractive and insightful case study of a related topic, representing the state of the art of the field. Occasionally, the intern may be involved in organizing one of the organizations' meetups or workshops with partners.

The specific topic will be decided upon according to the interns' skills and passion, as well as to the organization's needs. For example, in 2018 our intern has studied food waste reduction in hotel chains around the world. His work serves us for workshops with local chefs and hotel chains. It is useful in paving the way towards a relevant policy and solutions that will be eventually applied locally.

Other possible tasks, which will be considered based on the student's skills and interest: construction of a newsletter, upgrading of the organizational website (including content development), social media management.

Requirements

Background in sustainability, environment, ecology or related field is preferred Required skills:

- •Excellent research skills: ability to sort through large amounts of information, focus on the relevant resources and create relevant insights
- •Great writing and editing skills (English(
- Curiosity
- Accuracy and attention to details
- Responsibility
- •Self-driven, ability to self-manage, but also a good team worker
- •Fluent use of Microsoft office program

The following skills and abilities will be an advantage:

- •Graphic design, photography, animation or other artistic skills, including knowledge in relevant programs
- •Experience and passion for using social media to spread ideas
- Hebrew

Technical requirements:

- •Basic equipment, such as a laptop with Microsoft programs
- •Ability to work from home (at least part of the time(

Porter School of the Environment and Earth Sciences



The Raymond and Beverly Sackler Faculty of Exact Sciences
Tel Aviv University

הפקולטה למדעים מדויקים ע"ש ריימונד ובברלי סאקלר אוניברסיטת תל אביב החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

EcoPeace Middle East https://ecopeaceme.org/?lang=he

EcoPeace Middle East is a unique regional organization with offices in Tel Aviv, Amman, and Ramallah. We bring together Jordanian, Palestinian, and Israeli environmentalists to work together in protecting our shared environment. An award-winning trailblazer in the field of environmental peacebuilding, EcoPeace seeks to advance sustainable regional development and create the necessary conditions for lasting peace in our region. We are the only regional NGO in the Middle East with offices in Jordan, Palestine, and Israel, a testament to our ability to work across political borders.

EcoPeace's approach combines top-down policy change with bottom-up community-based constituency building, encouraging youth and local constituencies to call for and lead cross-border solutions to regional water issues that facilitate the advancement of community interests. These constituencies show decision makers that it is not possible to disengage from a shared environment and highlight the national self-interests and mutual gains of cooperation.

9. Internship position name/title :Project Support Intern

Job description including the type of work and responsibilities:

The EcoPeace internship program is an opportunity for high-caliber students and young professionals to gain first-hand experience in the emerging field of environmental peacebuilding and deepen their understanding of conflict in the Middle East . Positions are designed individually based on the needs of the organization at the time of application, taking into consideration the qualifications and interests of the applicant. Potential responsibilities include, but are not limited to:

- *Logistical support for upcoming events/activities
- *Research projects
- *Supporting education initiatives, including cross-border youth camps and in-school programs
- *Resource development, including preparation of grant proposals and reports for current donors
- *Producing multimedia content, including photos, videos, and web content
- *Technical writing and editing in English
- *Translation of materials if proficient
- *Administrative support as needed

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The Raymond and Beverly Sackler הפקולטה למדעים מדויקים **Faculty of Exact Sciences** Tel Aviv University

ע״שׂ ריימונד ובברלי סאקלר אוניברסיטת תל אביב החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Requirements

Required:

- *-3month commitment is required, with preference given to longer commitments
- *Completion of bachelor's degree, or in the last year of receiving this degree, or two years of work experience
- *Strong research skills and ability to write compellingly in English
- *Excellent attention to detail, ability to multi-task, track and prioritize tasks delegated by multiple team members
- *Resourceful problem solver, eager to learn, with a genuine interest in the Middle East and environmental issues

Preferred:

- *Arabic and/or Hebrew language skills are an advantage
- *Strong background in environmental issues and/or Middle East studies
- *Experience in research, event planning, social media, graphic design, photography, and/or videography

Eilat http://www.eilat.muni.il/

10. Internship position name/title: economic/strategic/other analysis of the municipality's sustainability-related fundraising from international sources.

Job description including the type of work and responsibilities:

Learning the municipality's strategy for sustainability-related fundraising from international sources. Analysis of the municipality's strengths and weaknesses, and analysis of the relevant supporters in the intern's area of expertise/interest. the role includes being in contact with the EU and other international partners.

Requirements

Fluent in English

Advantage for familiarity with European / other support sources and financing programs, ability for economic / strategic analysis.

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The Raymond and Beverly Sackler הפקולטה למדעים מדויקים ע״שׂ ריימונד ובברלי סאקלר אוניברסיטת תל אביב החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

Tel Aviv University Keren Kayemeth Lelsrael

The internship takes place in the Forest Management Department of the Forestry Division of Keren Kayemeth LeIsrael – Jewish National Fund (KKL-JNF), the official afforestation administration in Israel and the Acting Forest Service.

The Forestry Division acts as the HQ in charge of developing the National Forest Policy of Israel, providing professional guidelines and developing advanced tools and methods for forests and natural resources management under the responsibility of the KKL-JNF in Israel.

The department is responsible for the management of the forests and natural resources, forest survey system, research and monitoring systems and the professional foreign relations. One of the main challenges today is the implementation of the National Forest Policy in Israel (2014), which is an obliging professional basis for sustainable and goaloriented management of the forests in Israel, in accordance to the most updated knowledge in the fields of forestry, ecology and socio-economical sciences. Additionally, in order to meet international goals and targets of sustainable management and maximizing the provision ecosystem services, it is necessary to examine international conventions and certifications that will assist in the adoption and adjustment of appropriate guidelines and tools in Israel.

11. Internship position name/title: Project Management for Strategic Forest and Natural Resources Management

Certification of Sustainable Forest Management in Israel.

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Analysis of existing international forest certification schemes (FSC, PEFC), assessment of the practicability of their adoption in Israel and designing a feasible and compatible roadmap for implementation.

Preparation of Voluntary National Reports (VNR) for Assessing Progress towards Implementation of the UN Strategic Plan for Forests 2030

The VNR is a vital source of information for assessing progress towards implementation of the UN Strategic Plan for Forests 2030, providing countries with a framework for promoting sustainable forest management. The Strategic Plan is aimed at contributing to progress towards the UN SDGs, Paris Agreement and Aichi Biodiversity Targets. National reports will provide the main source of information for UNFF to assess progress towards the achievement of the Global Forest Goals and targets.

Designing a New National Forest Inventory in Israel.

Assessment of National Forest Inventories (NFI) worldwide, with a specific focus on the inclusion of Indicators for sustainable forest management (SFM) and ecosystem services.

 Porter School of the Environment and Earth Sciences



••• בית הספר לסביבה ולמדעי כדור הארץ

על שם פורטר

החוג ללימודי הסביבה

The Raymond and Beverly Sackler Faculty of Exact Sciences Tel Aviv University

הפקולטה למדעים מדויקים ע"ש ריימונד ובברלי סאקלר אוניברסיטת תל אביב

Establishing Plot and sampling effort and appropriate criteria and indicators for a new Forest Inventory in Israel.

Job description including the type of work and responsibilities:

The internship is mostly office work, including literature review and intensive research on environmental international conventions and national reports to international environmental forums. Candidates should commit to a minimum workload of 3-4 days a week over a period of several months. Location is flexible, and could be any KKL-JNF office or even partially home-office. The project could be combined with additional practical work experience in different units (seed collection, nurseries, survey etc.)

Requirements

All candidates should have a relevant background (at least in the last year of their Bachelor degree in forestry or other related environmental management studies). High proficiency in English is compulsory (Hebrew is not necessity). Candidates will work closely with the Forestry Division stuff and relevant personnel from the academy

The internship is mostly office work, including literature review and intensive research on environmental international conventions and national reports to international environmental forums. Location is flexible, and could be any KKL-JNF office or even partially home-office. The project could be combined with additional practical work experience in different units (seed collection, nurseries, survey etc.)

RadGreen

RadGreen is a tech start-up company based in Tel Aviv urban innovation hub. RadGreen promotes safety, health, environmental awareness, and energy efficiency with its sensing and analytics plug & play solution. Detecting air quality, radiation, noise, and virus probability. Analyzing the data, and providing detailed and ongoing alerts & guidance

12. Internship position name/title: Smart building analyst

Job description including the type of work and responsibilities:

Green building research - reading published research, green and Well building standards, EPA and GBC literature review

User interviews – writing and analyzing questionnaires

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החוג ללימודי הסביבה

••• בית הספר לסביבה ולמדעי כדור הארץ על שם פורטר

The Raymond and Beverly Sackler הפקולטה למדעים מדויקים **Faculty of Exact Sciences**

Tel Aviv University

ע״שׂ ריימונד ובברלי סאקלר אוניברסיטת תל אביב

Benchmark real buildings performance according to measurements and standards comparative study Writing white papers in English

Requirements

Native English speaker.

Curiosity, Self-thinker, team player, positive approach, eager to learn and to make a change.

Buildings held responsible for 40% of cities emissions. In buildings we are breathing 3-5 times more polluted air than in the outdoors. Now more than ever its essential to make a change!

This is a fascinating role, shaping the new norm of the built environment, learning how to build a product and function in a vibrant business.

Gina BaKerem

Urban agriculture team operates within the garden and outside of it. Its main fields of activity are: cycles of planting, enhancing greenery around the city, waste management and compost.

13. Internship position name/title: Co-manager of urban agriculture projects

Job description including the type of work and responsibilities:

The garden initiates social and environmental projects. The intern will take an integral part in the urban agriculture projects, within the garden and outside of it. She will participate in all stages of the project -from design to execution. Specifically, the intern will learn how to build a combination of sustainability and community. Specific current projects are "green corners" and "Garden in the building". The intern will learn about articulation of vision, managing the budget, recruiting participants, connecting with suppliers. She will also acquire practical knowledge about urban agriculture.

The intern will have independence and a stage for their creativity.

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Requirements

Curiosity, commitment, love for people and for nature Hebrew and/or English Social media skills

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