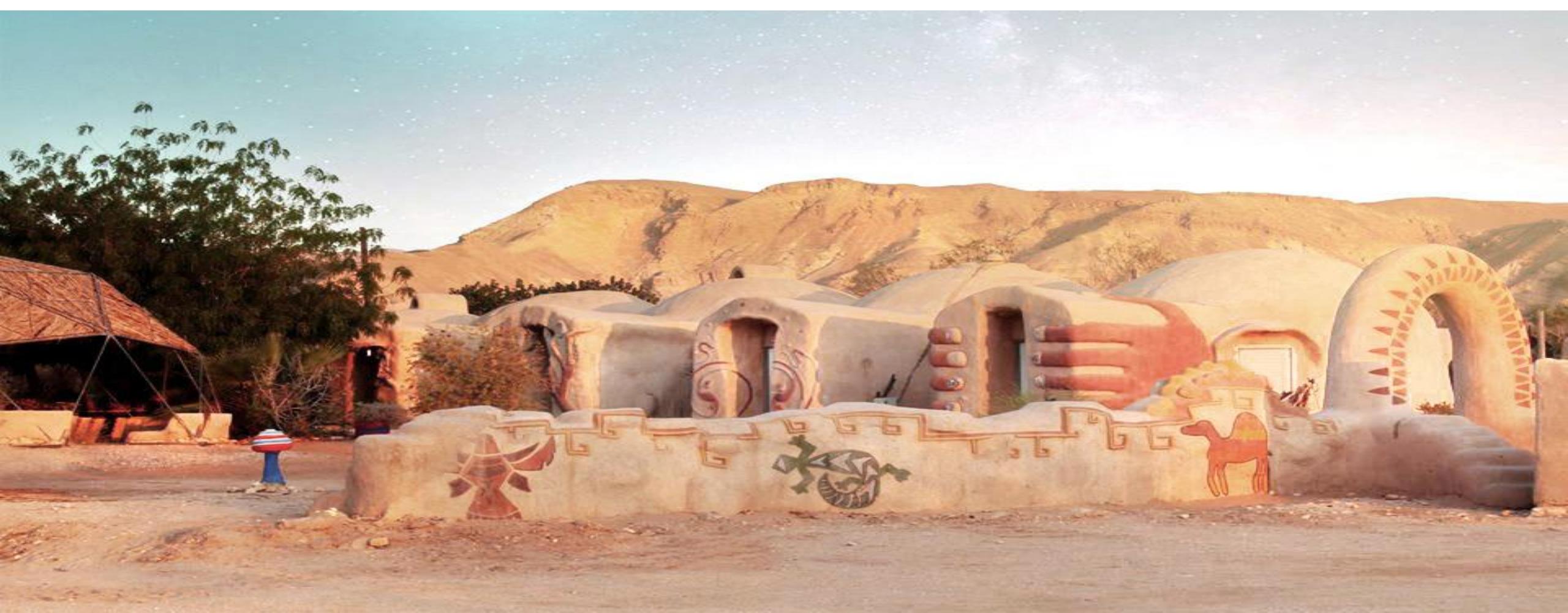




Kibbutz Lotan Center for Creative Ecology

Tikkun Olam (healing our relationship with the world) with our hands, minds and hearts





About Us

Established in 1997, the Center for Creative Ecology (CfCE) developed from a growing desire on Kibbutz Lotan to reduce environmental impacts and to embrace a more sustainable way of life. From early ground-breaking initiatives in waste-management that served as a model for other communities throughout the country, to pioneering experiments in organic food production in extreme desert conditions. In addition we teach energy efficient construction methods using natural materials. The CfCE has become a world class training, research and demonstration center for capacity building in sustainability.





Our Team



[Mike Kaplin](#)
Co-founder
and Director



[Alex Cicelsky](#)
Co-founder,
Core Faculty
Member



[Mark Naveh](#)
Co-founder,
Core Faculty
Member



[Maya
Galimidi](#)
Global
Business
Developer



[Eran Meiri](#)
Core Faculty
Member



[Deborah
Dell'ariccia](#)
Core Faculty
Member



[Daniel
Burstyn](#)
Core Faculty
Member



Several pioneering projects have been initiated over the years on Kibbutz Lotan, led by Mike Kaplin, founder and director of the Center for Creative Ecology. Together with Alex Cicelsky, co-founder and core faculty member of the Center, these projects were instigated and developed with the help of volunteers, Green Apprenticeship students and members and children of Kibbutz Lotan. They include the unique Eco-Campus, Israel's first recycling center on Kibbutz Lotan, the Lotan Bird Reserve, and outreach projects with Bedouin communities.





Pioneering Today

New experiments and innovations are continuing to find solutions...

Alex Cicelsky Green Buildings for reducing pollution, with using natural materials by using agricultural waste Strawbell, natural clay and building natural bricks for highly insulated, energy efficiency for construction business.

Mike Kaplin & Eran Meir Moringa Tree (Tea and nutrition's)

Mike Kaplin & Sam Bevans Korean Natural Farming takes advantage of indigenous microorganisms (IMO) to produce fertile soils.

Mark Naveh Building Walls Breaking Walls A youth exchange between young adults from Switzerland, Ireland, Northern Ireland, Israel and Palestine, to fight against stereotypes and prejudices and to promote active citizenship among young people and enhance their sense of solidarity.





Awards

The CfCE won the Israel Ministry of the Environment's Shield award in 2000 for its work in environmental education and was instrumental in Kibbutz Lotan receiving the prize for Ecovillage Excellence in 2006 from the Global Ecovillage Network for work in environmental education and outreach, waste management and ecological building.





Kibbutz Lotan

Eco-Campus

Students on the Green Apprenticeship live in the [Eco-Campus](#) – a prototype model for sustainable community. Living quarters are super-insulated straw-bale and earth plastered geodesic domes, built on-site by previous course participants. The mission of the [Eco Campus](#) is to teach and empower residential program participants from all around the world to live an ecological lifestyle, to maintain a low carbon footprint and to advance environmentally appropriate housing and technologies.





Green Apprenticeship

Our flagship program the [Green Apprenticeship](#) is a hands-on training course in capacity building that integrates theoretical lectures with practical workshops. The course focuses on the following topics: Permaculture design, integrated local food production, natural building, ecological design and construction, appropriate technologies and building regenerative community.





Kibbutz Lotan

קִיבּוֹץ לָוְטָן

Green Apprenticeship Impact

800 students from 30 different countries around the world

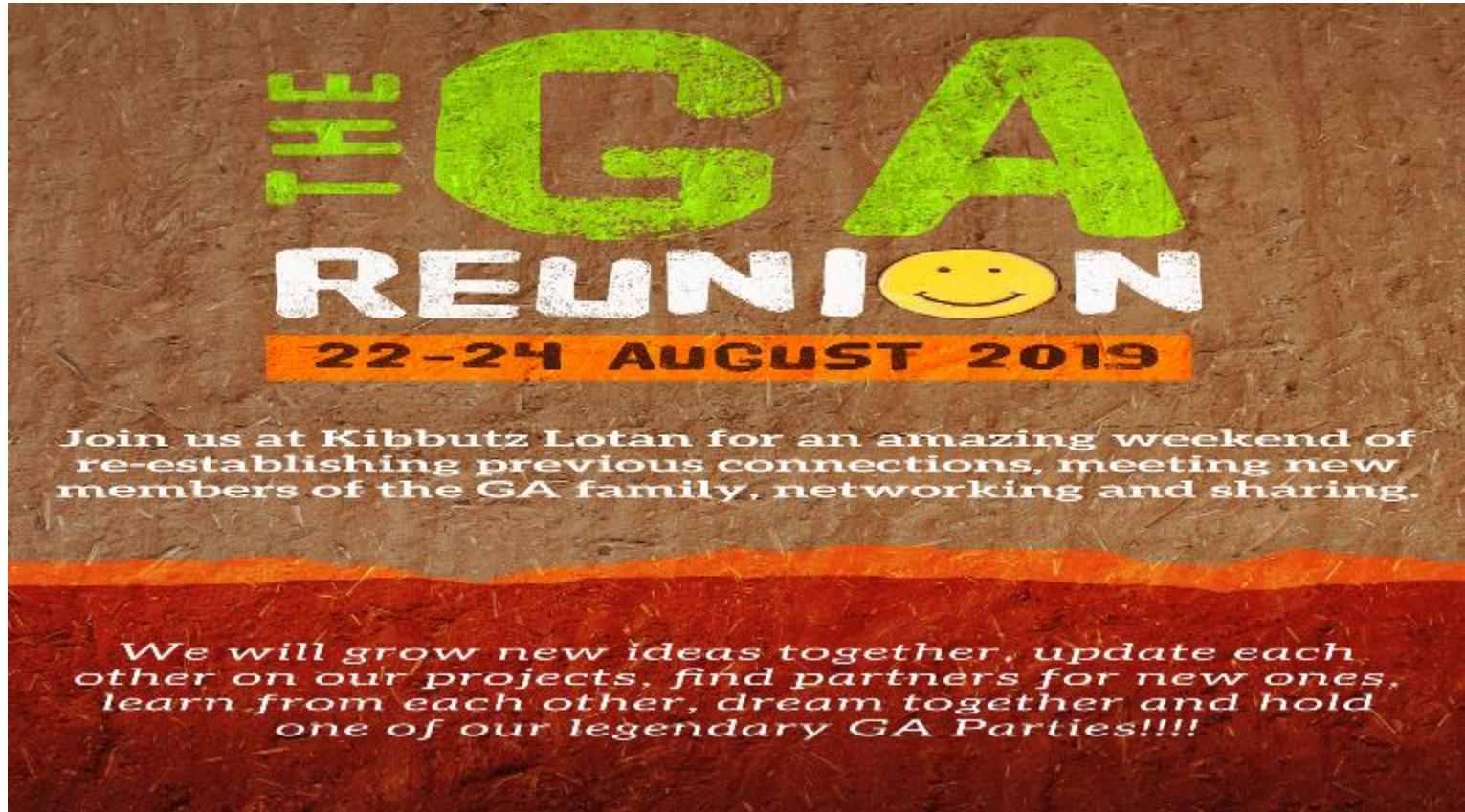
Our alumni are academics, educators, architects, designers, engineers, heads of NGOs; they build their own eco-farms, join eco-villages, create businesses that produce and supply rocket ovens, establish building companies for construction with earth, work on biogas projects, develop initiatives in renewable energy and water purification. As a result of this growing network of change-makers, there are internship opportunities for students to work with our alumni in many different countries. Throughout recent years, this course has been publicised in articles, has made so many video clips, and written testimonials. See examples in [article](#), [videos](#)

Through our [partnerships](#) with other institutions, students can receive nationwide accreditation in the USA via [Paul Smith's College](#), an internship with [Energiya Global](#) renewable energies company in Jerusalem, and attend the Authentic Leadership Presence course of [Berkeley Executive Coaching Institute](#).



Green Apprenticeship Reunion

We are planning to have a reunion and make the graduates to work together and prepare stronger projects. Also planning to run an advance course each year.





Training of Trainers Programmes

We have partnered with the following organizations to develop programming in sustainable community living, capacity building, off-grid technologies, and tackling food security challenges in arid regions:

- [Gira Mundo Israel](#) (World Tour Israel) is a project where the State of Paraiba Governor works together with Prof. Alexandre D'Andrea from the Institute Federal da Paraiba. Each year we have 20 - 30 high school teachers coming to be trained in order to further high school projects with their students and to tackle local arid region challenges. The project is growing, with tours in the Hevel Eilot region of Agriculture R&D and Renewable Energies, and also with the Arava Institute.
- Paraiba, Brazil State Governor Small Farmers project. We are planning to have a course for Small farmer families to come and learn from us.
- We have significant media coverage of these project in Brazil, and in Ecological publications such as [Press Meeting, article, tv interview](#)





State University of New York Eco Tourism

Prof. Kenneth Cohen, partner of the Eco-Tourism programme. **This programme is now included in the SUNY course book, and to be open to 64 colleges as an elective course.**

This two-week programme will be based at the Kibbutz Lotan Center of Creative Ecology, and will provide examples of how ecology projects can be turned into general tourism and educational tourism; how an educational institute is run, and its effects on the kibbutz community and the region as a whole. Students will travel within the region to see how the innovation, research and development, and renewable energies of Hevel Eilot have turned it into a center of tourism. The students will tour Sinai, meeting with the Arab, Bedouin, and Ethiopian communities, and end up with a three-day tour of Jerusalem.

[The Regenerative School](#) Prof. Felix Bivens is working on the same programme as SUNY, together with Prof. Kenneth Cohen, about Peace Building and Conflict Resolution. This is also accredited by SUNY .



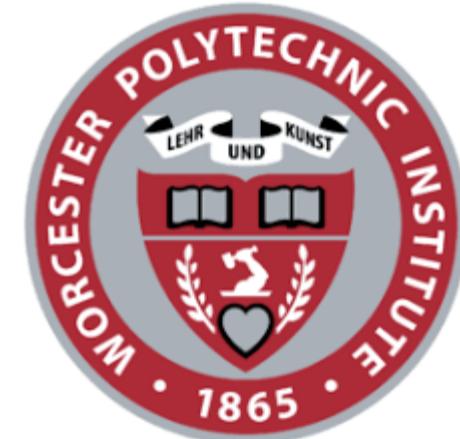


Bringing Engineers to the Region

We have partnered with engineers from the following organizations to develop programming in sustainable community living, capacity building, off-grid technologies, and tackling food security challenges in arid regions:

[Drexel University](#) Prof. Patricia Gallagher, open course in the Engineering faculty on Energy Efficiency. They will also make a tour to the Hevel Eilot region, Eilat-Eilot Renewable Energies, and the Kibbutz Katura Off-Grid Village also a cultural tour to Deadsea and Jerusalem.

[Worcester Polytechnic Institute \(WPI\)](#) Prof. Isa Barron. We will be their partner as a live laboratory for research, where they will digitalise and measure our ecological projects. The Center for Creative Ecology will be the supervisors of these projects. They will have a regional renewable energies tour of Hevel Eilot and also cultural tour to the Dead Sea and Jerusalem.





Bringing Engineers to the Region

We have partnered with engineers from the following organizations to develop programming in sustainable community living, capacity building, off-grid technologies, and tackling food security challenges in arid regions:

[Indiana University](#) Prof. Diane Henshel. We are planning to contribute two weeks of our Sustainable Design course to be part of their Global Architecture programme.

[Holon Institute of Technology \(HIT\)](#) Prof. Deborah Sharabi, we are planning to contribute our Permaculture Design Thinking programme to their design department, our Energy Efficiency programme for their engineers, and our Green Apprenticeship programme for their international students.

[Berlin International University of Applied Sciences](#) Prof. Camila Préve. We shall contribute a week's education on desert architecture, arid area water issues, and eco-design to their core architecture faculty programme.



International Students

Bringing international students to the region through their accredited universities. Showing students the experiments, innovations in the region, and learning about the Ecological studies, energy efficiency, eco-tech, sustainable living, and Permaculture design thinking.

Israeli Universities International Schools

- [Technion University](#) is one of our partners offering the Sustainable Development programme to their International students. This is a programme that shows international students about Israel's desert, kibbutz life, sustainable living, eco-village life, R&D, Renewable Energies and the innovations , and experiments that are carried out in the Hevel Eilot region. We are also in talks with all the other universities in Israel who have International Schools.

Foreign Universities' Overseas Study Programmes

- [Paul Smith's College](#). We are partners for an overseas study programme that provide nationwide accreditation in the USA for the Green Apprenticeship course.
- [The University of Notre Dame](#). We are part of their Semester Exchange programme with Israel, with our Green Apprenticeship course.
- [Bennington Collage](#). We are partners with them for their Overseas Study summer programme.



Jewish Studies and Sustainable Living – Tikkun Olam

Each year Netzer youth comes to participate in our flagship Green Apprenticeship programme

Netzer Olami is including the Green Apprenticeship in their annual programme for participants from all around the world. At the end of the course they earn their Permaculture Design Certificate, and are able to start carrying out their own projects; with practice they could lead Ecological Projects all over the world. It helps for them to do their volunteering in Israel; last year the youth went to Uganda Eco-village to help in the building there with the skills they learned on our course.

Local Permaculture Design Course Once a year every weekend for 14 weeks, we open up the Green Apprenticeship course for people in the region to study and learn from us; we encourage people in the region to meet, to create projects together, and to spread sustainable living in the desert.



ERASMUS + Youth Exchange

[Building Walls Breaking Walls](#) is an **ERASMUS +** youth exchange programme for young people from Switzerland, the Republic of Ireland, Northern Ireland, Israel, and Palestine. The participants spend an intensive week living, learning, and building together, breaking down stereotypes and cultural barriers, while at the same time contributing to the hosting community by renovating or building walls, using local materials and natural and traditional methods.





Local Partnerships

AIES

Partnership programmes and lecturing



AICAT

Regional Director , Vietnam Group , renewable energies, new short programmes



Eilat – Eilot Renewable Energies

Renewable Energies course



***Hub- Eilot* Science, Research and Academic Coordination Eilot County, Arava**





Renewable Energies

Local partnership with Arava International Center for Agricultural Training [AICAT](#) and [Eilat Eilot Renewable Energy](#)

The Kibbutz Lotan Center for Creative Ecology provides lectures on Renewable Energies, explaining the latest technologies, innovations, and solutions for off-grid rural places around the world. In addition to the lectures, the students make a tour to the Kibbutz Ketura Off-Grid village to see and discuss the technologies there. We expect to teach about 1,200 students from Kenya, Cambodia, Vietnam, Laos, Nepal, Fiji, Indonesia, Gambia, Thailand, Cape Verde, East Timor and Myanmar.





Kibbutz Lotan

Publicity

In a year we do get 50-100 publicity articles through our education and programmes. Mainly in reform Judaism magazines, in Brazil, permaculture associations, Global Ecovillage Network publications and books, travel books and sites and blogs.

International Websites

Global Ecovillage Network

Permaculture Association

World Permaculture Association

Israel Permaculture association

GoEco

NuMundo

Go Travel and Talk

AirBnB

Studyabroad 101

Masa

Schusterman

GoOverseas

AIES

Colombian Ecovillage Aldeafeliz

Studyabroad.com

Lonely Planet

קיבוץ לוטן

Professores "giram o mundo" com experiências em Israel

Programa Giro Mundo tem fomentado o conhecimento científico e tecnológico entre profissionais de ensino

Professor reflete sobre os momentos e experiências

Inteligência artificial para seleção e coleta dos frutos

2º Caderno



Contacts

We look forward to hearing back from you for [education program](#) collaboration, [touring](#), [crediting](#), [partnering](#), [speaking](#) and [consultancy](#) opportunities.

Mark Naveh, Co-Founder, Core Faculty Member mark@kibbutzlotan.co.il

Maya Galimidi, Global Business Developer galimidimaya@gmail.com

<http://www.facebook.com/kibbutz>

<http://www.youtube.com/kibbutzlotan>

<https://www.instagram.com/kibbutzlotan/>



www.KibbutzLotan.com

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ברמקאלטשר אסראניל**
Permaculture Israel

