



s--r _ shelter_expanse



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shelter_expanse (s--r) is a research and design studio based in tel aviv-jaffa, founded by Matanya Sack and Uri Reicher in 2012.

We specialise in integrative buildings and open spaces, based on critical mappings of regions and lands, and the relations between people, and their environments.

Architects, landscape architects and planners work together on every project, combined with technical expertise by parametric modelling, gis, ecology and agronomy, together with theoretical, historical and applied research.

Our work ranges from lightweight structures to spatial visions, from public spaces to fields, from gardens to nature reserves.

Current projects include : offices for Hiriya recycling park _ vision, buildings, and landscape for Jerusalem's national museum hill _ public squares for Holon design museum and Jerusalem performance arts campus _ restoration of wadis in the northern Negev _ an agricultural masterplan for the Bedouin town Ar'ara _ landscape masterplan for 4000 hectares north of Haifa, including the reclamation of Israel's largest and most polluting industrial site _ regional planning for the conservation of the Mediterranean coastal cliffs _ research on agriculture and settlement.

Clients include some of Israel's most important municipalities (Jerusalem, Tel Aviv-Jaffa, Be'er Sheva), government agencies (Israel Land Authority), and developers. Our work has been published in magazines such as The Architectural Review, WIRED, Domus, Abitare, Haaretz.

Matanya is also an assistant professor at the faculty of architecture and town planning in the Technion, Haifa, where she founded and leads studio LandBasics. the studio deals with fundamental issues in the Israeli landscape space through research-based design.

We aim to bring together technological, structural, sustainable design methodologies, with an approach that is always mythical, historical, political.



View from the studio

"He brought me out into the expanse.
He rescued me for he delighted in me."
(Psalms 18:19)

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Kibbutz Galuyot 73 Tel Aviv-Jaffa

buildings and landscape related to city and region, people and environments



Matanya Sack is an architect and landscape architect. She holds a degree in architecture from Bezalel Academy of Arts and Design, Jerusalem (B.Arch, 2005), and a Masters degree in landscape from the ETH, Zurich (Masters in Advanced Studies in Landscape Architecture, 2008), where she graduated first in her class. Her ETH research and design strategy for the Upper Rhine Delta won the ASLA 2009 Student Award of Excellence (first prize).

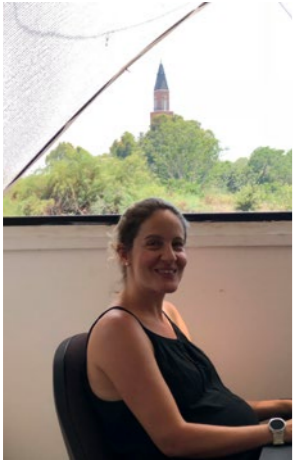
Matanya is also an assistant professor at the Faculty of Architecture and Town Planning in the Technion, Haifa, where she founded and leads studio LandBasics. The studio deals with fundamental issues in the Israeli landscape space through research-based design.

Between 2005 - 2007, she worked as an architect at Naama Malis Architecture and Urban Design on large scale public and residential projects. In 2008, as a landscape architect at Vogt Landschaftsarchitekten, Zurich, she worked on the renovation of historic urban public squares and mixed-used developments.

Uri Reicher is an architect. He holds a degree in architecture from Bezalel Academy of Arts and Design, Jerusalem (B.Arch, 2005), where he graduated with Honours in History and Theory.

Uri has worked for six years with Foster + Partners, in which he was responsible for designs such as the ecological cladding for Camp Nou Stadium in Barcelona; a multi-purpose concert hall for Maestro Valery Gergiev, and a hotel in Mayfair. As an Associate, Uri was leading a team of 15 architects on projects such as the renovation of the Pushkin Museum in Moscow, combining gallery design, concert hall, historic building retrofitting, and landscape design; and a luxury mixed-use development in Shanghai, including a hotel for BVLGARI.

matanya sack _ uri reicher



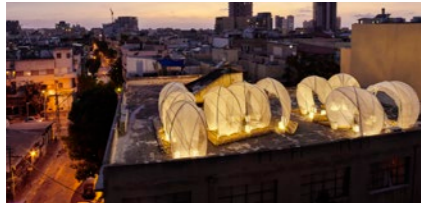
Architecture and specialists :

Melanie Rud	UTDT, Buenos Aires, 2015.
Shlomit Wartenburg	UWE, Bristol, 2008.
Gagu Eshet	Urban Planning, TAU, 2004.
Dor Schreier	Parametric Modelling, GIS, Technion, 2016.
Eliane Sack	Studio Manager, Art History, TAU, 2008.

Landscape architecture :

Shiri Biran	Technion, 2009.
Rachel Dilmanian	Technion, 2006.
Yeela Gundar	Technion, 2015.
Amos Katz	Rupin, 2014.
Michal Wolner	Technion, 2016.

the team

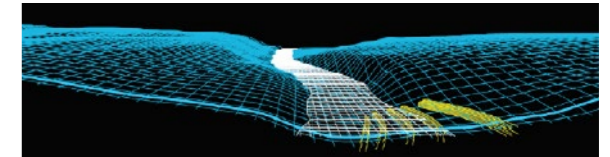


light-weight structural systems
public buildings and cultural campuses
complex buildings and towers
mixed-use, residential and offices

parks and gardens
urban design -
squares, boulevards, streets
landscape-environmental restoration

urban masterplans
landscape urbanism
urban renovation
regional planning
vision and policies

parametric optimisation
building technologies
interaction
spatial and historical research
education - LandBasics



architecture _ landscape _ planning _ research



parks
and gardens

Water playground

Mitzpe Ramon

In permit process

Client : Mitzpe Ramon Local Council

Area : 1500 m2



light-weight
structural
systems

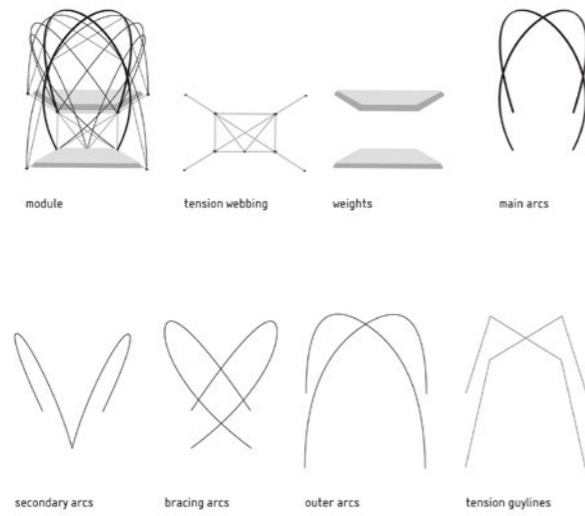
Sway

Tel Aviv-Jaffa + Sydney, Australia

Client : SCAF - Sherman Contemporary Art Foundation

Area : 140 m²

With Liat Muller and Eyal Zur. Photo: Dan Perez.



light-weight
structural
systems

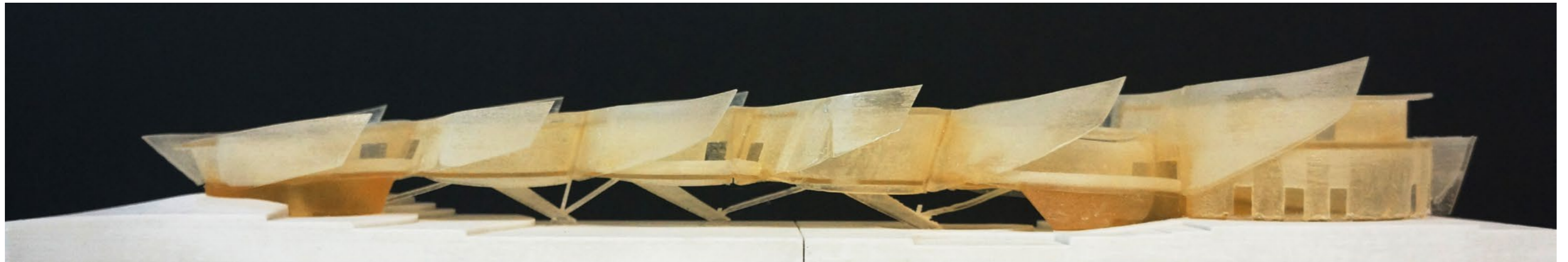
Sway

Tel Aviv-Jaffa + Sydney, Australia

Client : SCAF - Sherman Contemporary Art Foundation

Area : 140 m2

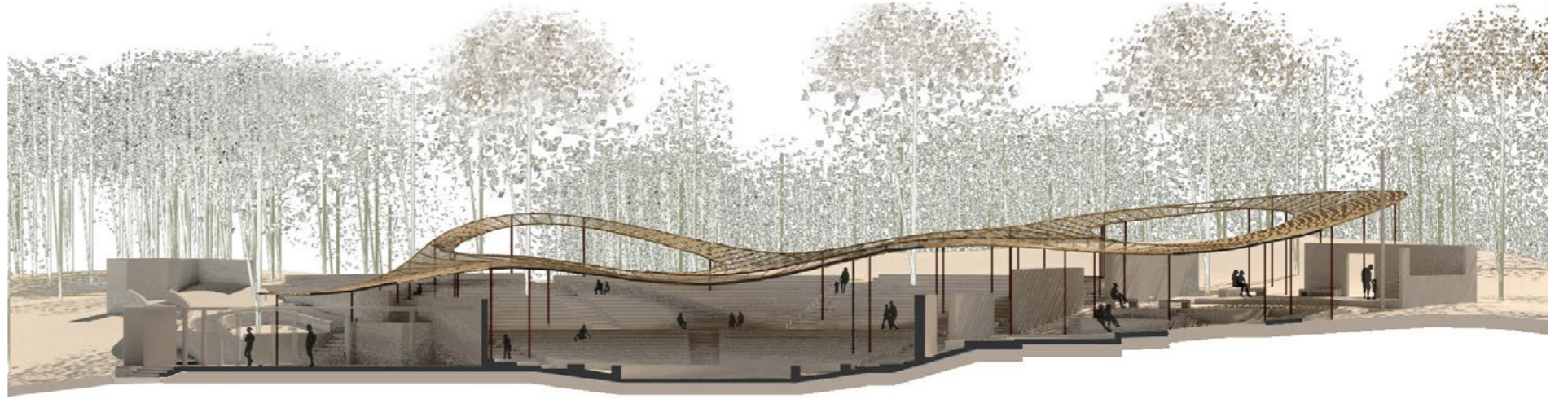
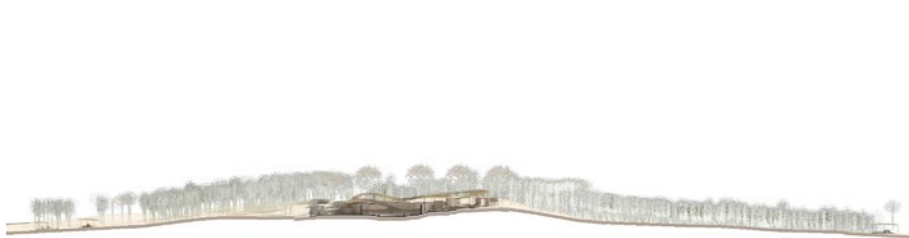
With Liat Muller and Eyal Zur



public building
and garden

Bridging Horizons - Israeli Pavilion for EXPO Milan 2015

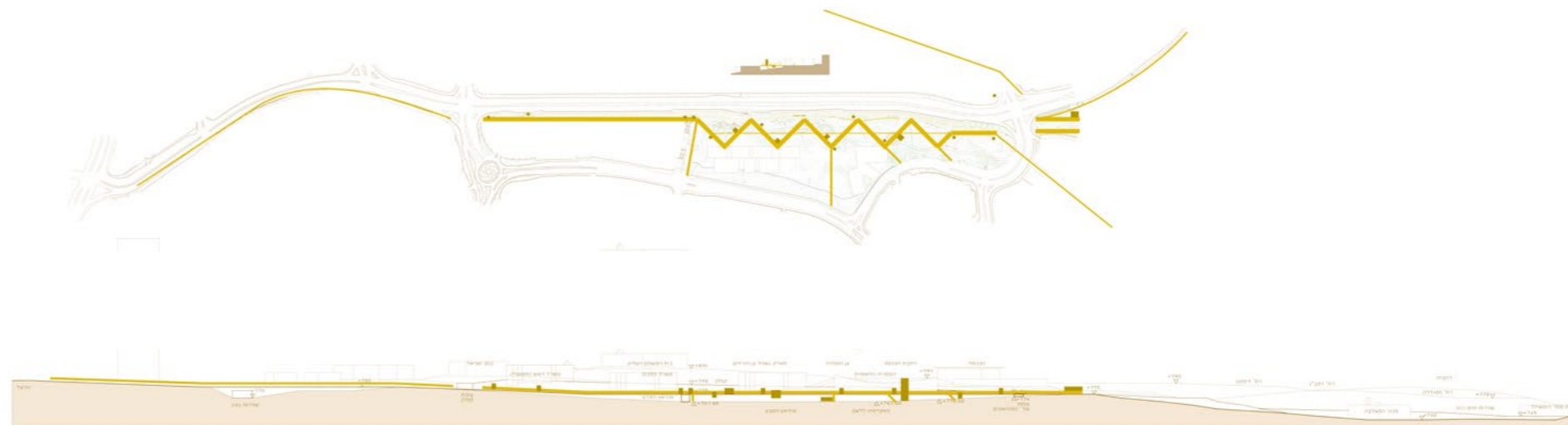
Competition, second place.
Client : Israel Ministry of External Affairs
Area : 2,000 m2
With Liat Muller



public buildings
and
landscape
- memorial

Memorial site for the fallen soldiers in operation Tsuk Eitan

Competition, second place.
Gvaram Forest
Client: KKL (JNF Israel)
With Nahum Tevet



public building
and
landscape

National Museum Hill

Bringing together the Knesset, Israel Museum, Valley of the Cross, National Library, Prime Minister Offices.

Urban vision and planning, public buildings and pavilions, park and avenues landscape design.

In design process.

Client : Jerusalem municipality.



landscape
restoration —
working with
communities

Restoration of Malkiya Mill

Kibbutz Malkiya

Stage A completed, stage B in permit process.

Client : Kibbutz Malkiya, Galil Elyon Regional Council, The Quarries Rehabilitation Fund

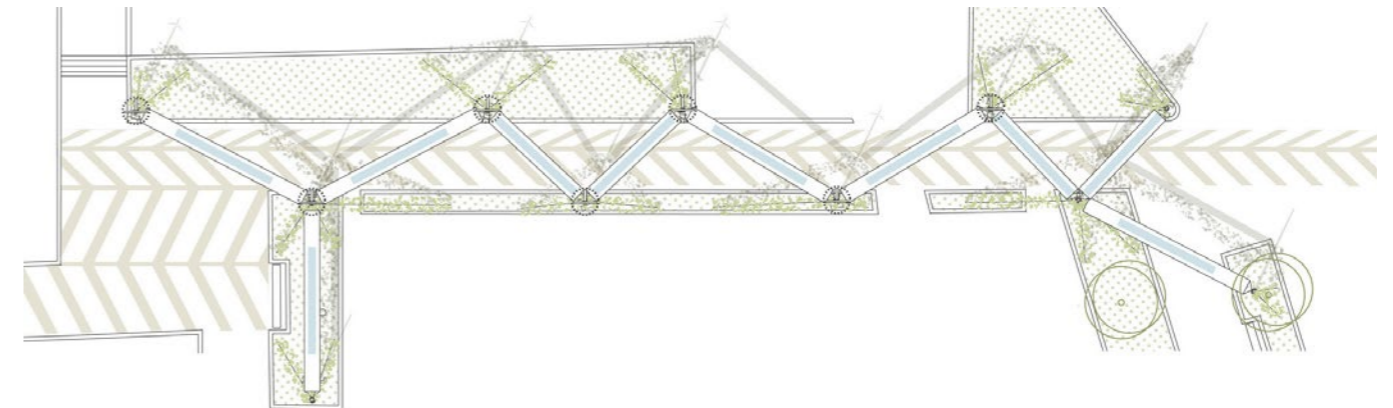
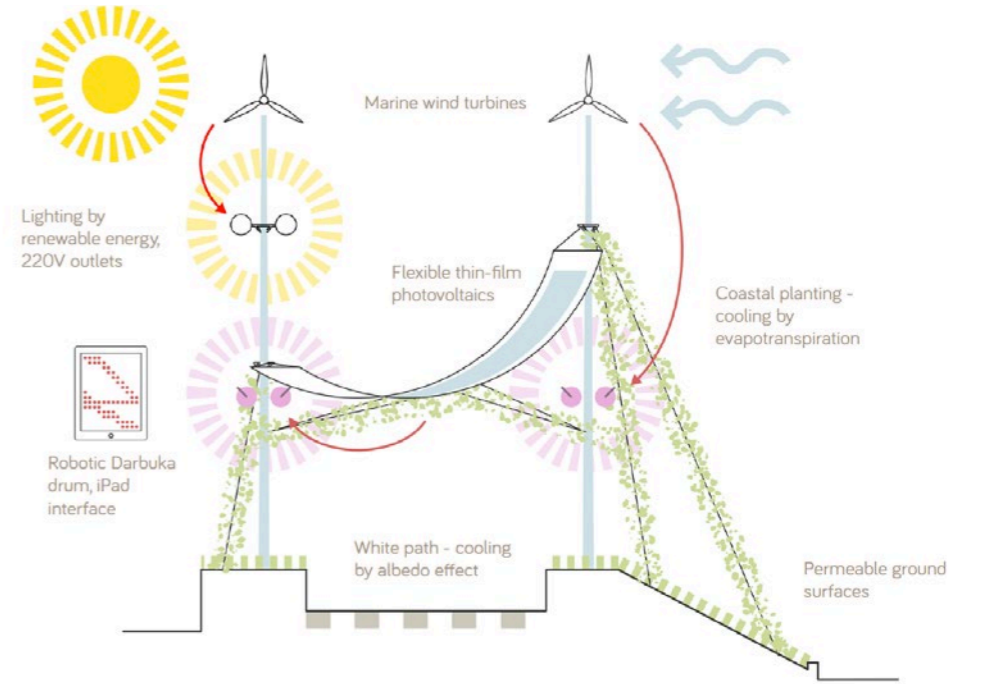
Area : 4600 m2



parks
and gardens

South Garden

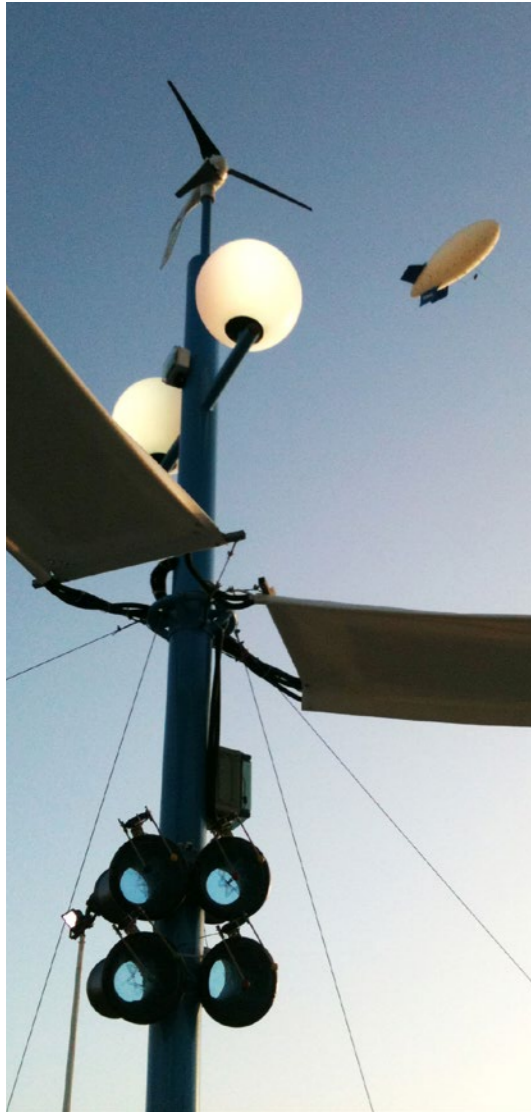
Be'er Sheva
Client : Be'er Sheva Municipality
Area : 11,000 m2



urban open
spaces

Ecological Street-Garden

Bat Yam
Client : Bat Yam Municipality
Area : 250 m2



interaction

A Musical Landscape - Robotic darbuka performance by public collaboration

Bat Yam

Client: Bat Yam Municipality

With Assaf Talmudi, Jonathan Rubin, Liat Segal



landscape -
environmental
restoration

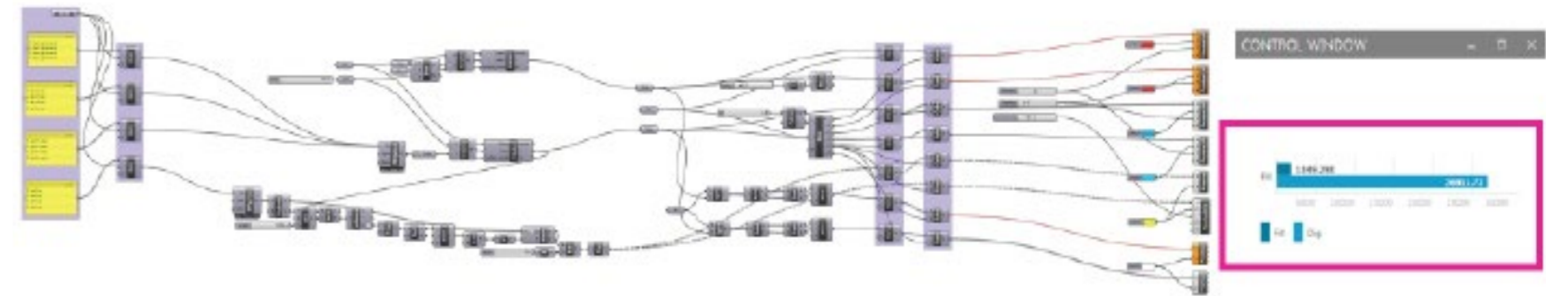
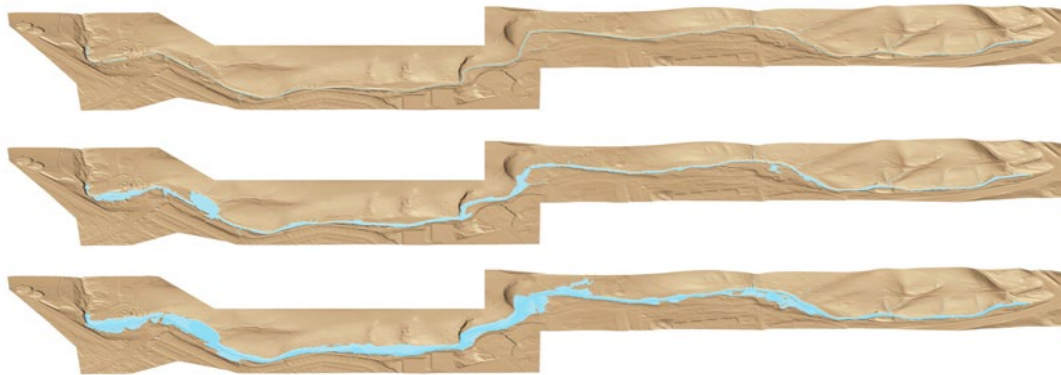
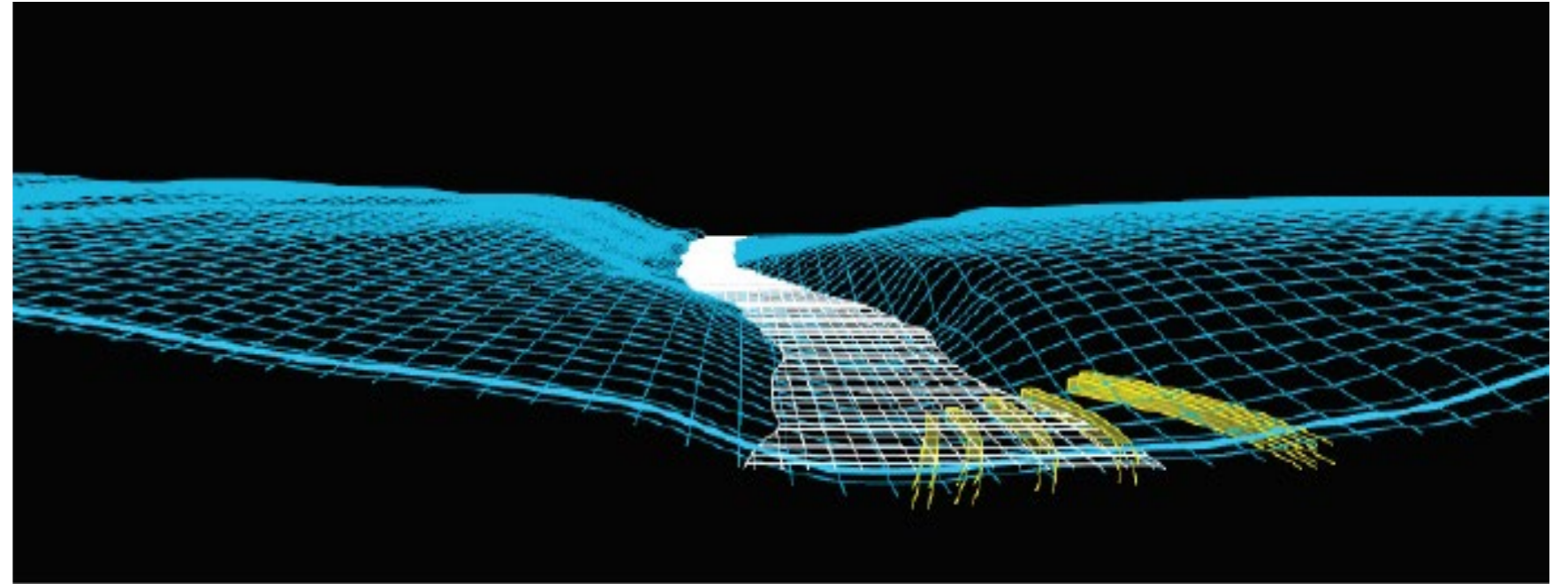
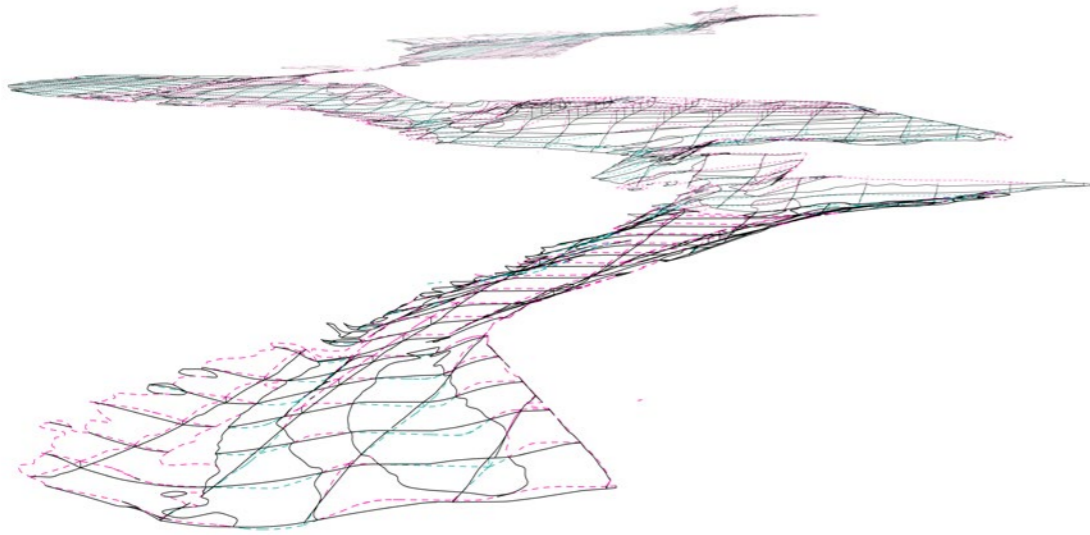
Wadi Kovshim Park

Be'er Sheva

Under construction

Client: Shikma Basor Drainage Authority, Be'er Sheva

Area : 78 hectares



landscape -
environmental
restoration

Wadi Kovshim Park _ Parametric optimisation of flood plain

Be'er Sheva

Under construction

Client: Shikma Basor Drainage Authority, Be'er Sheva

Area : 78 hectares



urban open
spaces

Munsterhof Square renovation

Zurich
Matanya Sack at Vogt Landschaftarchitekten _ 2008



urban open
spaces

Public Open Spaces for the Jerusalem Arts Campus (Sam Spiegel and Nissan Nativ)

Under construction
Client : Jerusalem Municipality
Area : 3,000 m²
With Efrat-Kowalsky Architects



urban open
spaces

Design Museum Holon Square

Winning competition proposal, in design progress.

Client : Holon Municipality

Area : 7,000 m2



urban renewal
and public
buildings

Yorkreative _ Restoration of York Municipality Guildhall and Dock

York, United Kingdom
International competition, 3rd place.
Client : York Municipality



cultural campus
and conservation

Pushkin Museum masterplan

Moscow, Russia

Client : Russian Government, Pushkin Museum

Area : 45,000 sqm

Uri Reicher as Associate Architect at Foster + Partners (2006-2012)



urban renewal

Slussen

Stockholm

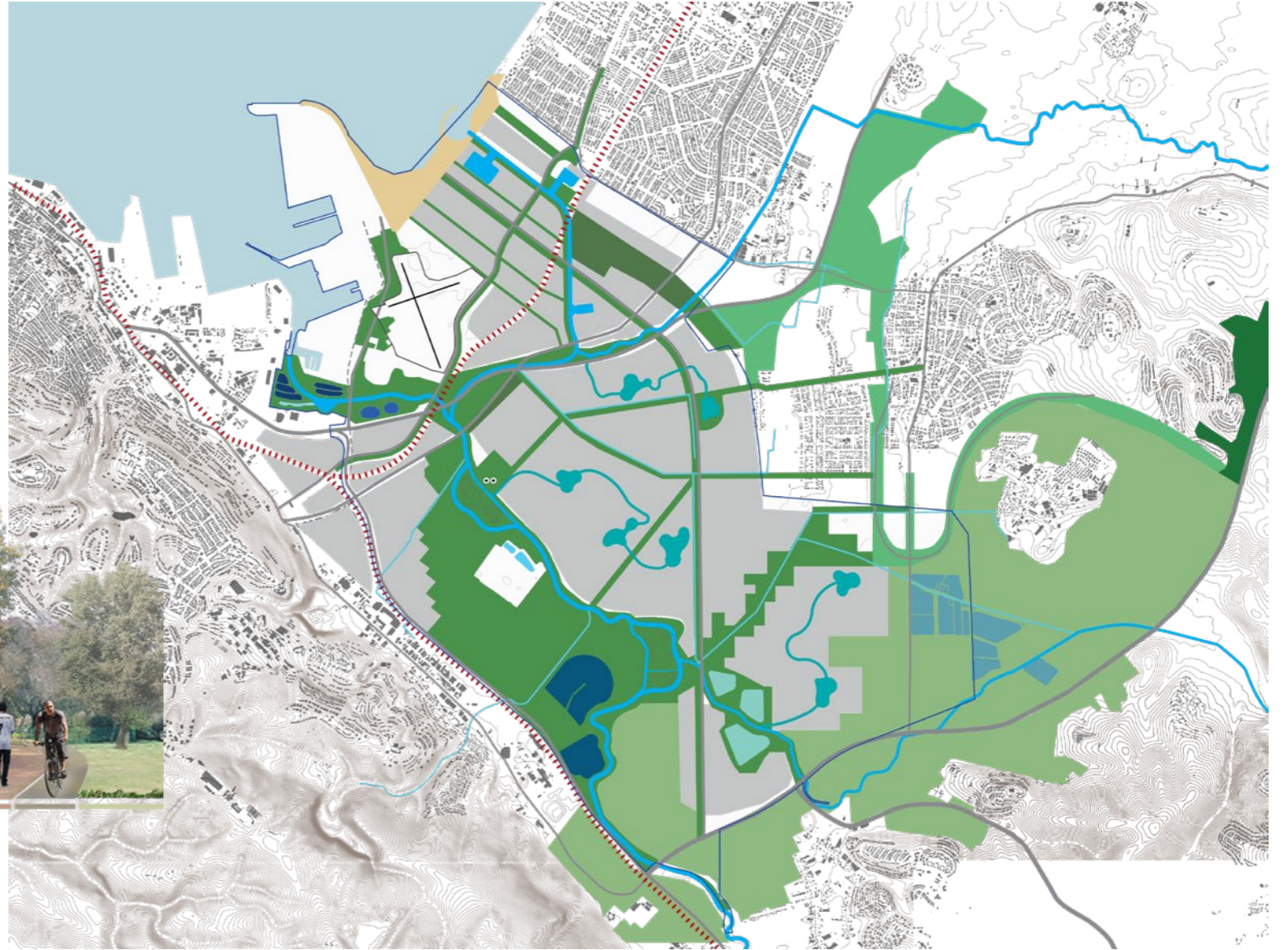
Uri Reicher as Associate Architect at Foster + Partners (2006-2012)



urban planning
and landscape

New Urban Quarter, Rechovot

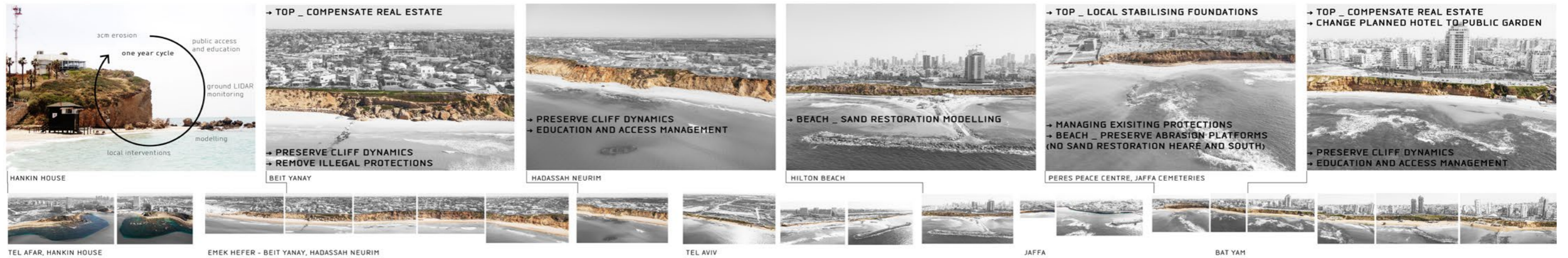
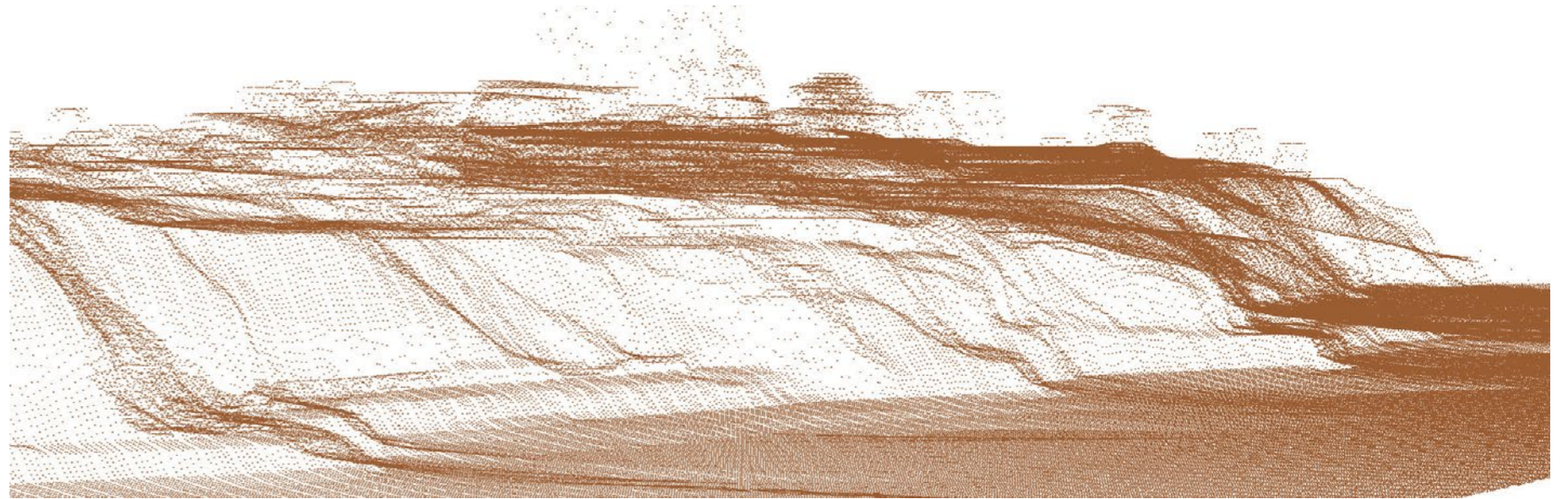
Competition proposal
Client : Rechovot Municipality
Area : 100 hectares
With Ari Cohen Architects



landscape
urbanism
and regional
landscape

Haifa Bay and Rivers masterplan

Haifa and surrounding region.
Client : Israel Land Authority
Area : 4,000 hectares

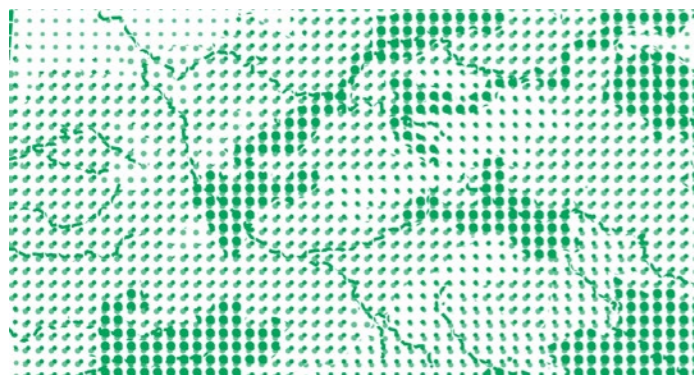
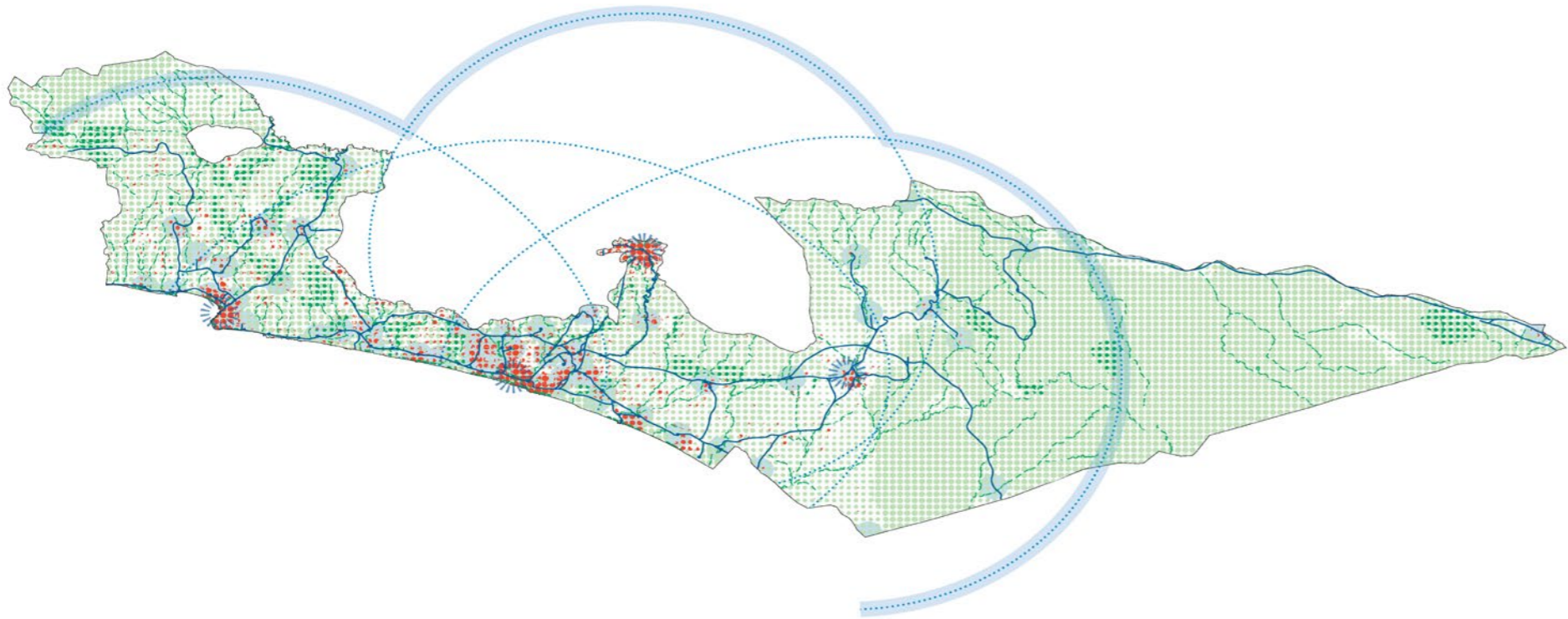


regional
planning

Masterplan for the conservation of the aeolonite coastal cliffs

Hadera, Emek Hefer, Tel Aviv-Jaffa, Bat Yam

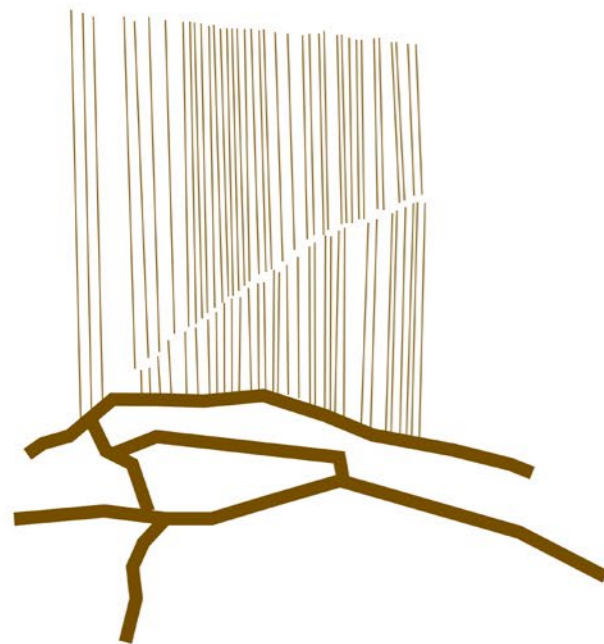
Client: National Company for the Protection of Coastal Cliffs



national
planning

Analysis and representation for National Outline Plan 35

Client: Ministry of Interior
With Rebecca Sternberg - MEGAMA



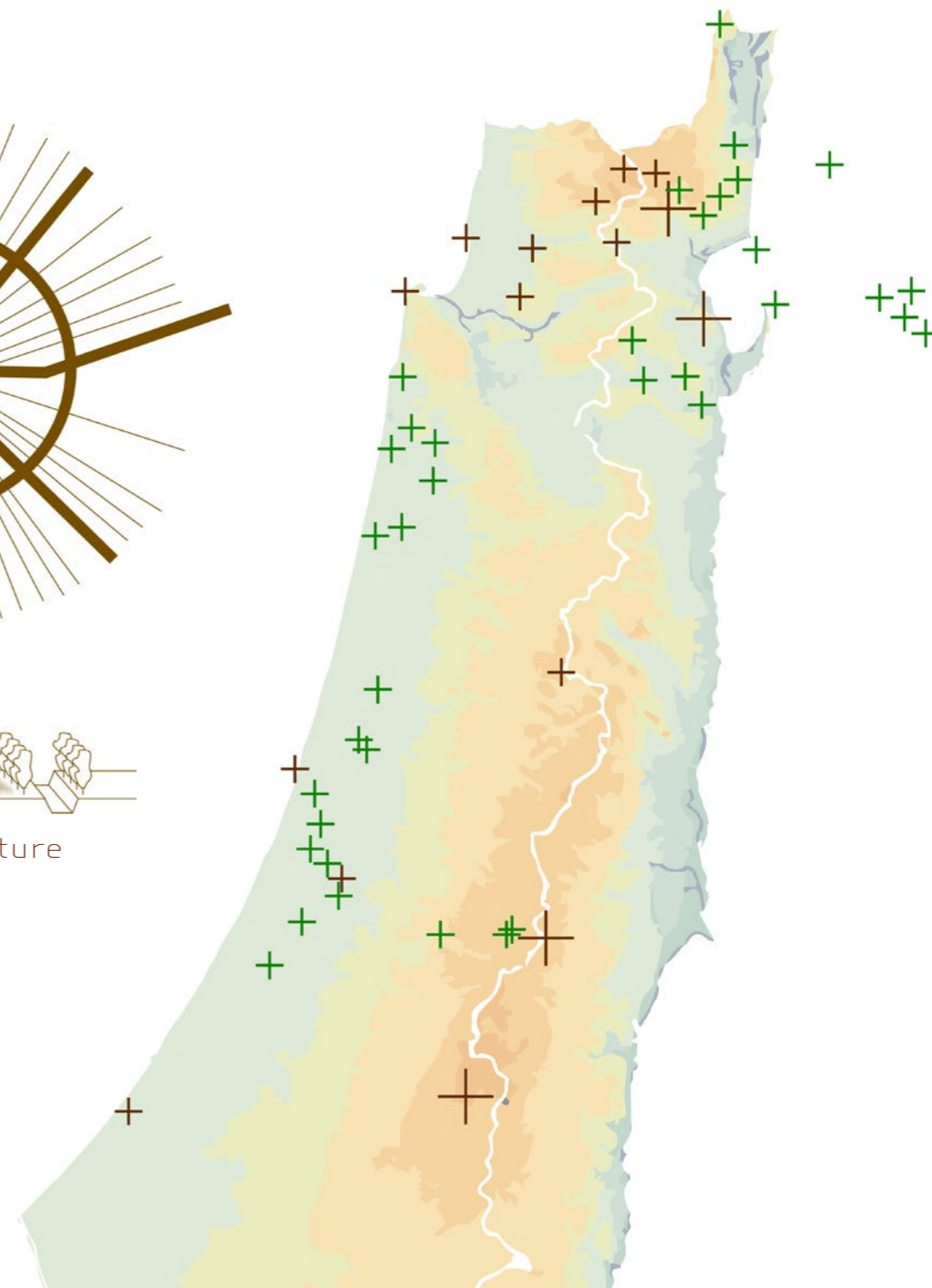
historical
research -
rural regions

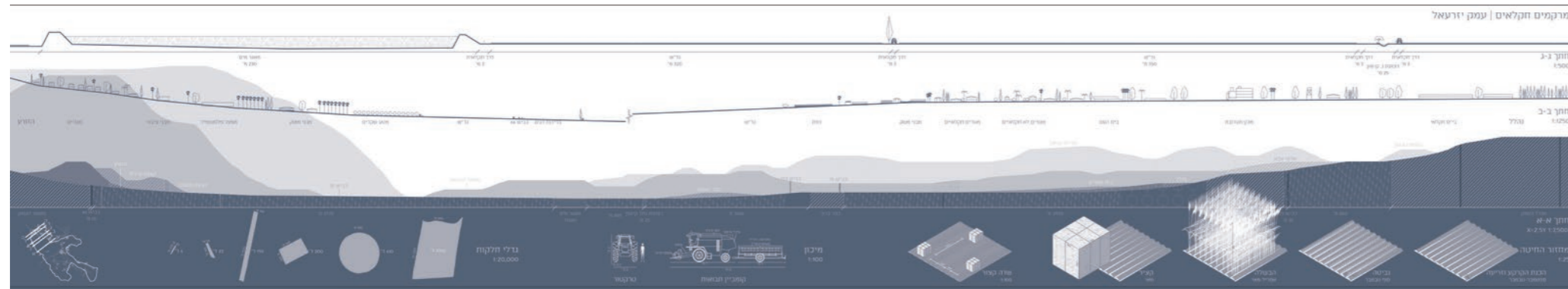
Paths to the Village

Exhibition and research.

In progress.

Published in EPFL, Switzerland, "Israel Lessons - Industrial Arcadia".





research and
education -
LandBasics _
rural regions

Jezreel Valley

Student : Tom Nevet

Arad Valley

Student : Hadas Hesko

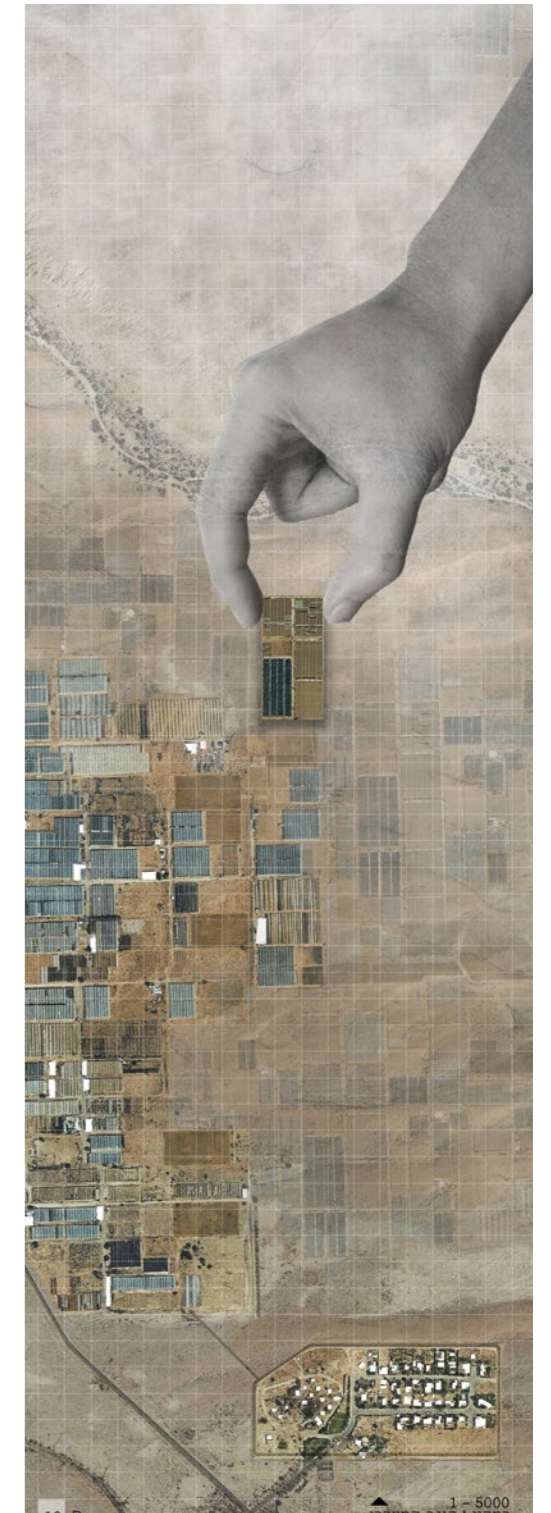
Negev Desert

Student : Chen Ferera

LandBasics



Faculty of
Architecture and Town Planning





research and
education -
LandBasics _
rural regions

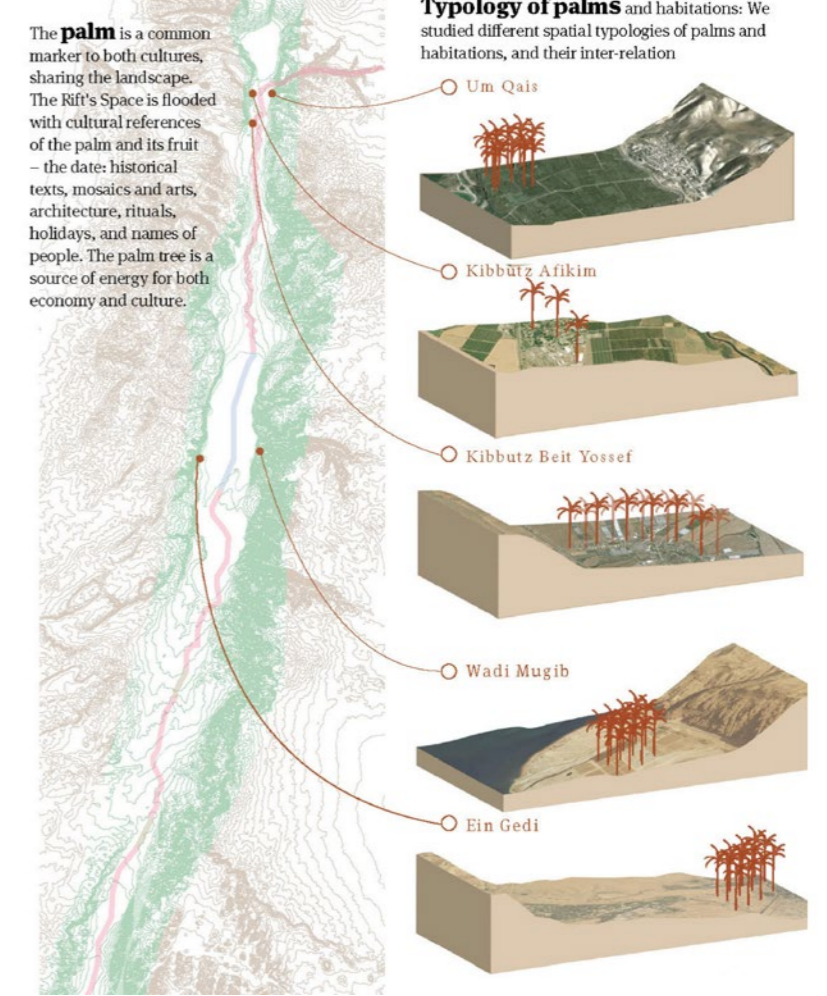
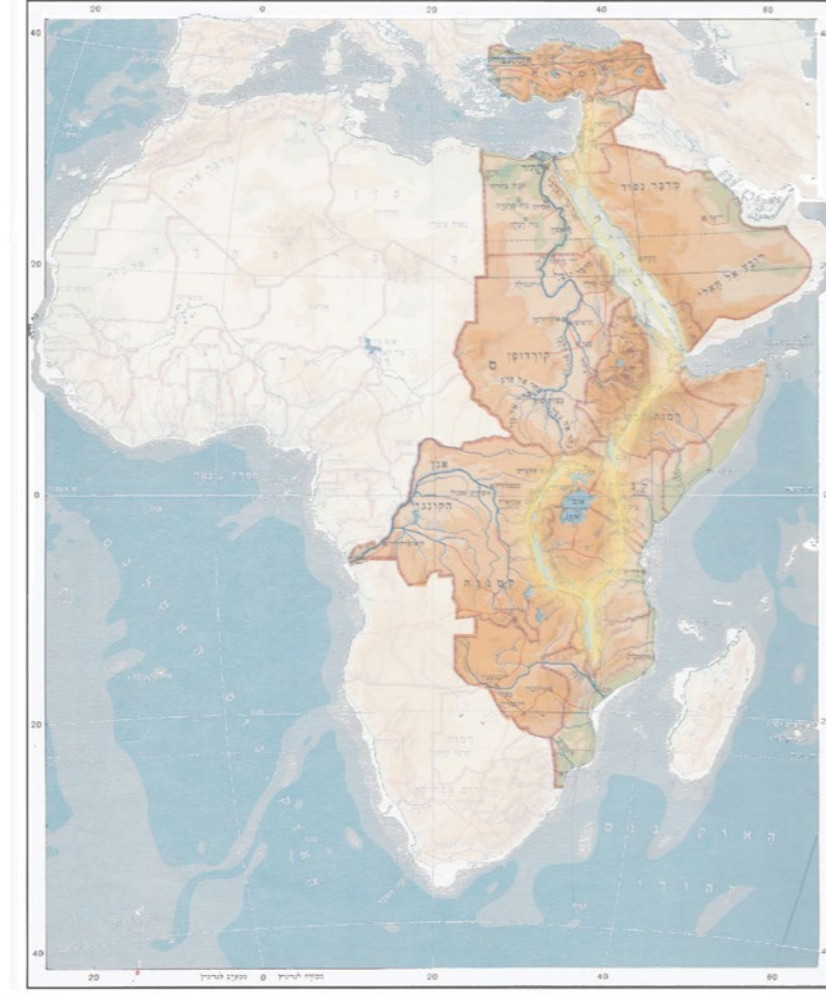
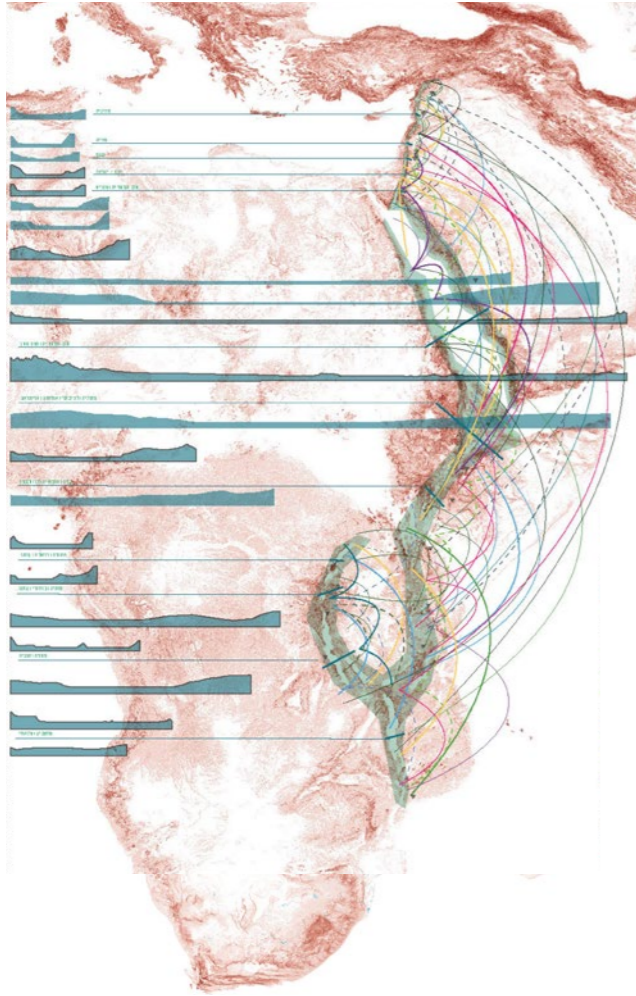
Agriculture in Petah Tikva, "the Mother of the Moshava"

Student : Chen Ferera

LandBasics



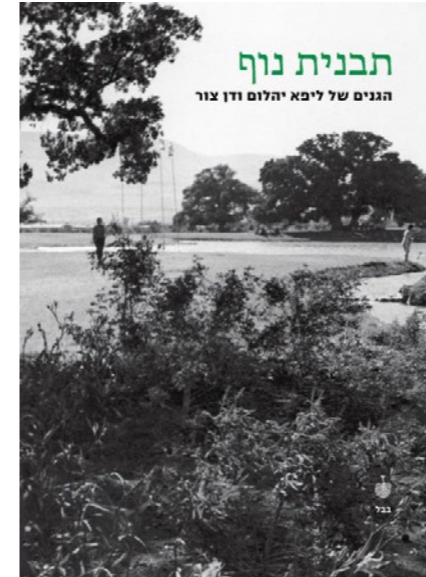
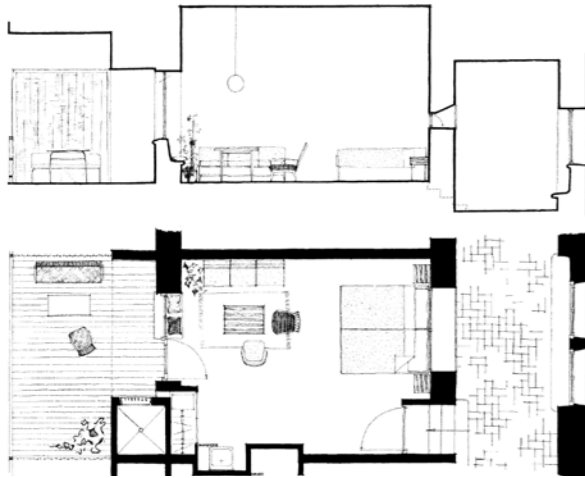
**Faculty of
Architecture and Town Planning**



research and
education -
LandBasics

Crossing the Great Rift Valley

Student : Yeela Gundar



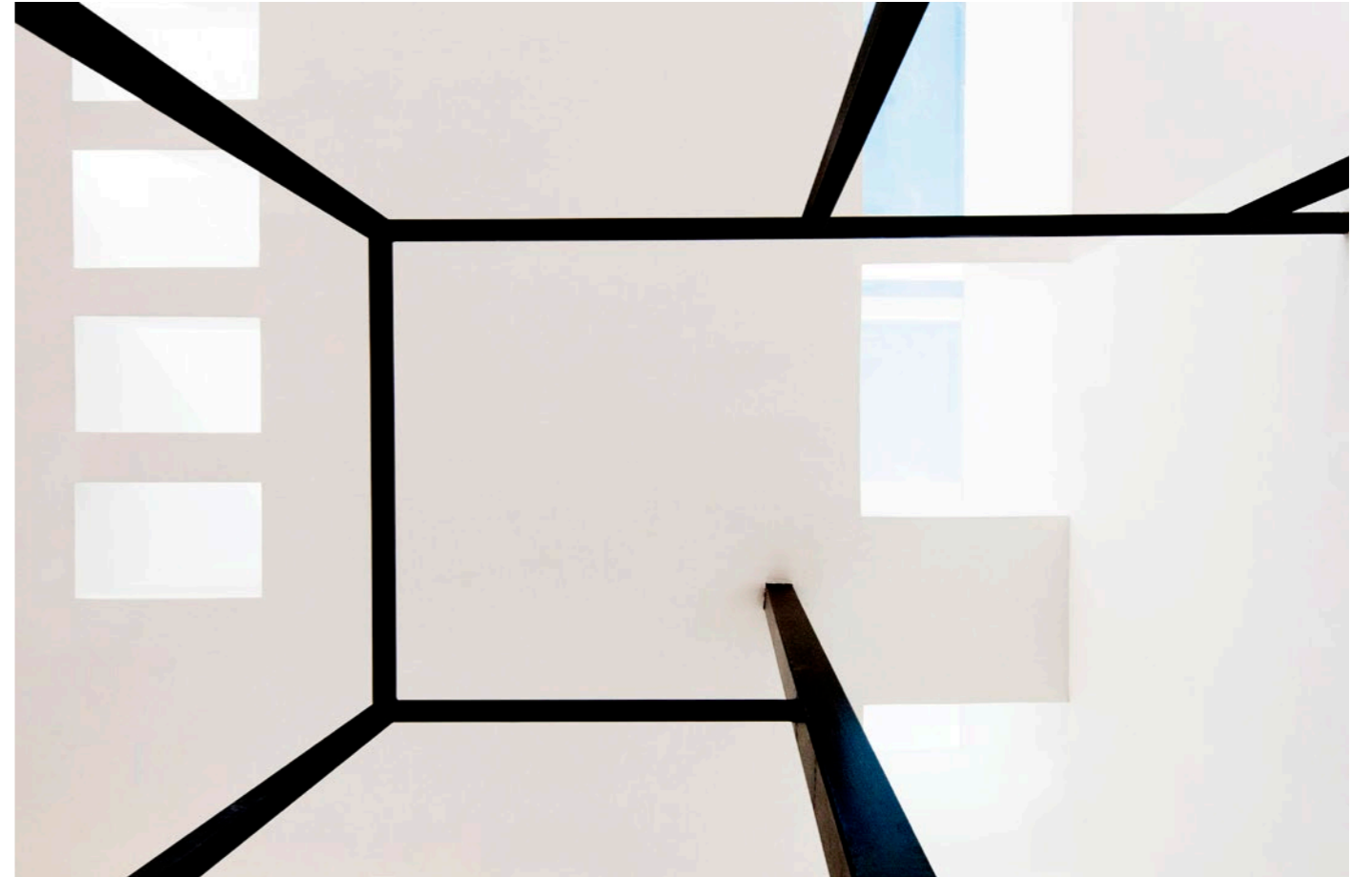
historical
research,
exhibition
curating

Zeev Rechter - archive and exhibition

Tel Aviv-Jaffa and Beit Berl Academy
Exhibition with Kerem Halbrecht, Dana Mashiah.
Photo: Roy Boshi.

Landscape Design in Hospitals of Yahalom-Zur

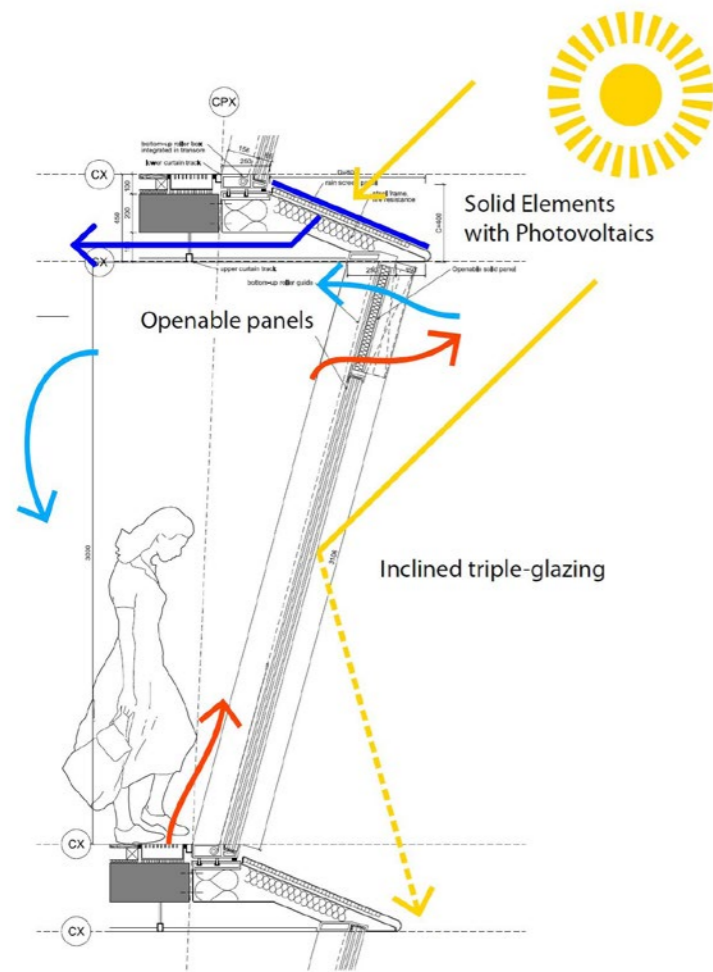
"Landscape Servicing Building: Landscape Design in Hospitals", in Lissovsky and Dolev (eds), Landscape Moulds: The Gardens of Lipa Yahalom and Dan Zur, Babel Publishers, 2012.



residential

Unesco Heritage Building Extention

Tel Aviv-Jaffa
Client : Private



mixed-use towers



Hermitage Towers

Paris
Client : Hermitage Plaza
Area : 130,000 m²
Uri Reicher as Associate Architect
at Foster + Partners (2006-2012)



Suhe Creek

Shanghai
Client : OCT
Area : 205,000 m²
Uri Reicher as Associate Architect
at Foster + Partners (2006-2012)



Ganei Zion

Jerusalem
Client : Hassid Brothers
Area : 10,000 m²
Matanya Sack at Na'ama Malis Architects
and Urban Planners (2005-2007)



public buildings

Camp Nou renovation

Barcelona, Spain

Client : FC Barcelona

Area : 170,000 m²

Uri Reicher as Associate Architect
at Foster + Partners (2006-2012)



School of Business and Economy

Tel Aviv-Jaffa

Client : The Academic College Tel Aviv-Jaffa

Area : 6,500 m²

Matanya Sack at Na'ama Malis Architects
and Urban Planners (2005-2007)

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landscape
urbanism

Ramat Hasharon West Quarter and Metropolitan Park

Ramat Hasharon

Client : Israel Land Authority and Ramat Hasharon Municipality

Area : 370 hectares