

Open Landscape Institute

The Steinhardt Museum of Natural History



Open Landscape Institute (OLI) Goals



Consolidating Policy & Tools for Sustainable Land Use Planning & management

Assimilating Policy & tools into Decision Making processes,

OLI's Goals & Objectives

Conducting Planning & Management Demonstrative Pilots' Projects

Evaluation and Classification of Israel's Open Land

Current research fields



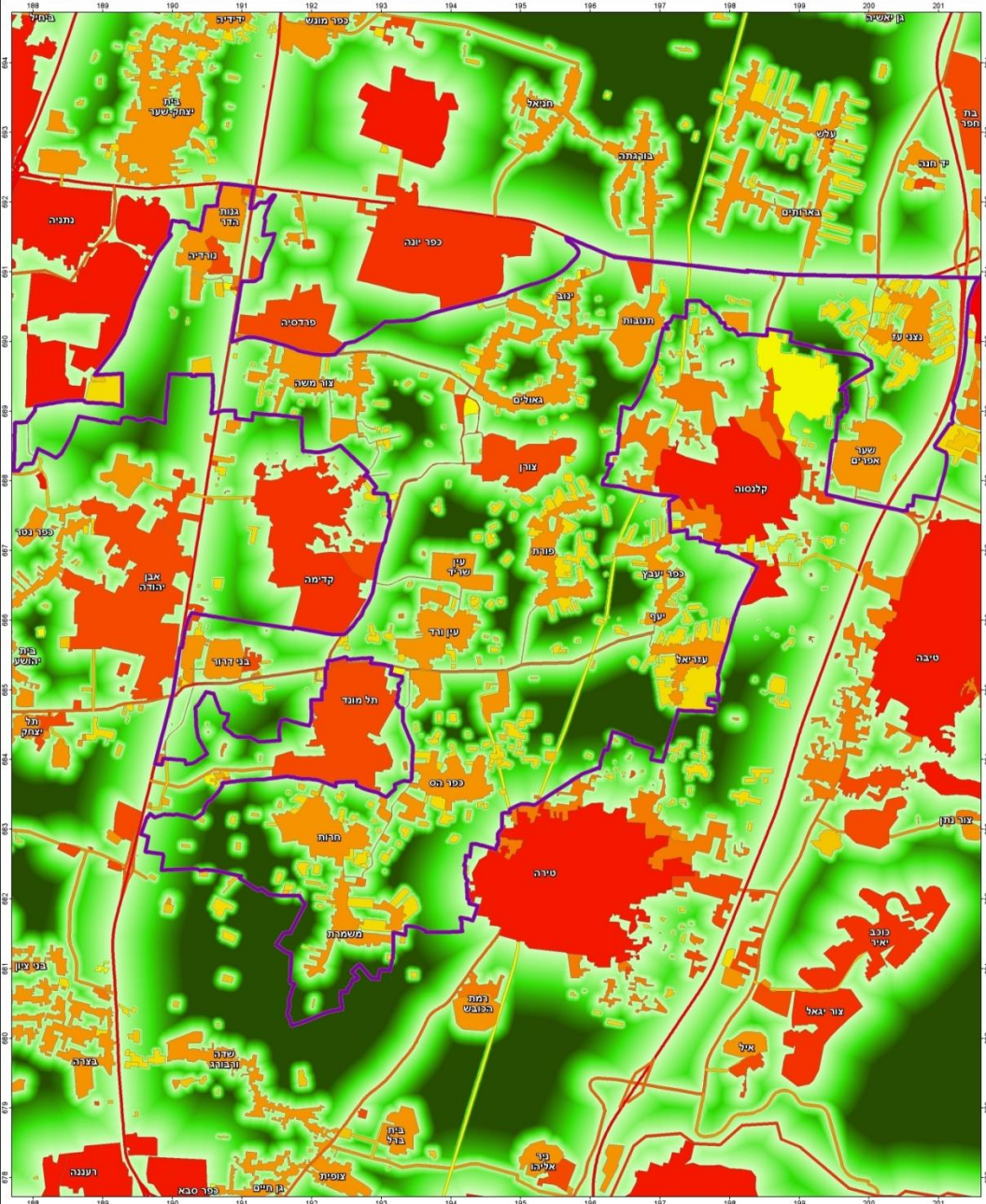
1. Multi disciplinary background for planning
2. Wildlife corridors planning and management
3. Recreation, agriculture and biodiversity management tools
4. Natural ecosystems management and Restoration
5. Ecosystem services enhancement
6. Streams Management and Restoration





מכון מרחב - 6-89-19177 ארץ

fragmented Landscape



מכון מרחב - 6-89-19177 ארץ

המטה הלאומי לחינוך בריאות הסביבה
מכון ורמיה החרבה לזיהום הסביבה
רח' הנגב 2, תל אביב 68186
טל' 03-6390580 פקס' 03-6388703
ran@spni.org.il | www.deshet.org.il

צפון	דרום
5	5
10	10
15	15
20	20
25	25
35	35
40	40
50	50
75	75
100	100
150	150

סקר לב השרון
צפון שטחים פתוחים

מטר משוקלל
1000

0

צפון

0 500 1000 מ'

1:50,000

**מזיאון
הטבע**
פסטיבל החרדה



Agricultural dominated Landscape



משרד החקלאות והפיתוח הכפוף





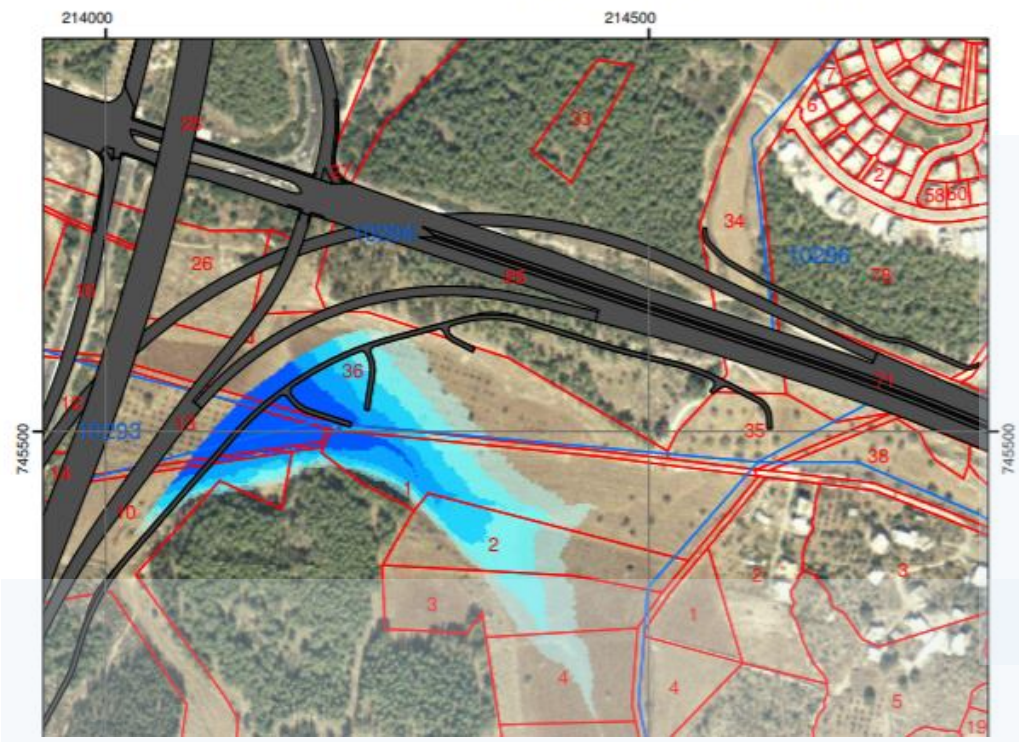
רשות ניקוז קישון
מפת גושים וחלקות
בשטח המיועד להצפה

1:5,000

R:\0_projects\kishon_d.a\114\gis\mxd\somech_inun_and_parcel.mxd

מקרא:

- מחלף סומך המתוכנן
- גושים
- חלקות
- מפלס הצפה ברום 70 מטר



Challenges in Multi-Purpose Landscape management

Uri ramon, Dr. Liron Amdur, Liron Yisraeli, adv. Dana Ginosar



Flood Plains in Agricultural Areas



**מזיאן
הטבע**
פְּשׁוּיֵינְהַרְדֵּס



Recreation in agricultural areas



מוזיאון
הטבע
פשיטין הרדס



תל אביב אוניברסיטת תל אביב

Beth Netofa Valley

Natural and Cultural Landscape



מזיאון
הטבע
ששטיינהרדט



How can we compensate farmers for flood damages?

Public Funded Insurance



מזיאון
הטבע
שטיינהרדט



How can we compensate farmers for flood damages?

Single payment for unlimited time



מזיאון
הטבע
ששטיינהרדט



How can we reduce wildlife damages in agriculture?

Pest management rangers



How can we reduce ecosystems degradation due to agriculture?

Careully Planned fencing

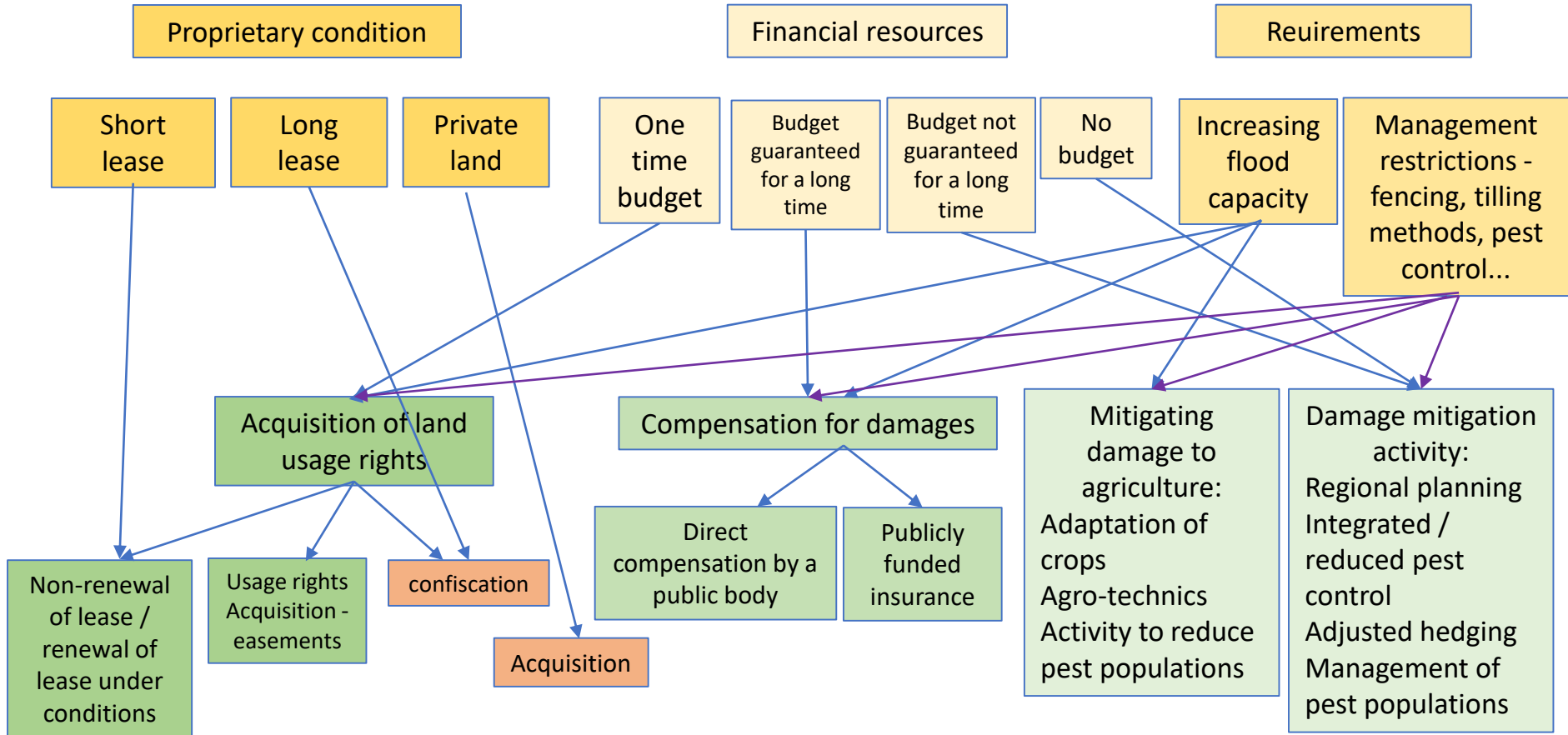


17 גירית עוברת גידור ברזל בנין עם פתח עין 10X20 – (ברמת מגשימים)

מזיאון
הטבע
שטיינהרדט



Roadmap for multi-purpose management



Social marketing of agricultural practices supporting biodiversity



Social Marketing procedure:

1) Characterize the “social product”

The social values to be promoted

2) Characterize the target audience

Norms, values, attitudes, interpersonal communication, barriers.

3) Characterize of the “shop”

Map and evaluate the place where the purchase of the social product will take place

Agricultural practices supporting biodiversity

Cotton Growers in Israel

Internet based Training Tools

Summary and unsolved issues



- **voluntary cooperation** - Preferred course to promote multi-functionality
- Agricultural Damage mitigation activity: Agro-technical development to adapt crops to the multi-functional conditions (e.g. flood resistance)

Summary and unsolved issues



- Damage to natural systems mitigation: regional planning, integrated pest control, "breathing" fencing...
- Economic viability - promotes multi-functionality
- For long term implementation - Need for regulation and stable budgeting
- How to adapt Voluntary and local solutions alongside with statutory tools, land registration?

Resources for improvement?



- Win – win solutions



- Farmers – contribute to a certain degree (EU standards)
- Nature conservation organizations
- Ministry of Agriculture
- Direct payments for ecosystem services
- Development funds and fees

To what extent can we learn and implement methods from abroad?



(לחצו על הסמלילים למידע נוסף)



Thanks!