



**Management Implications at a Protected
Peri-Urban Salt Lake Ecosystem**

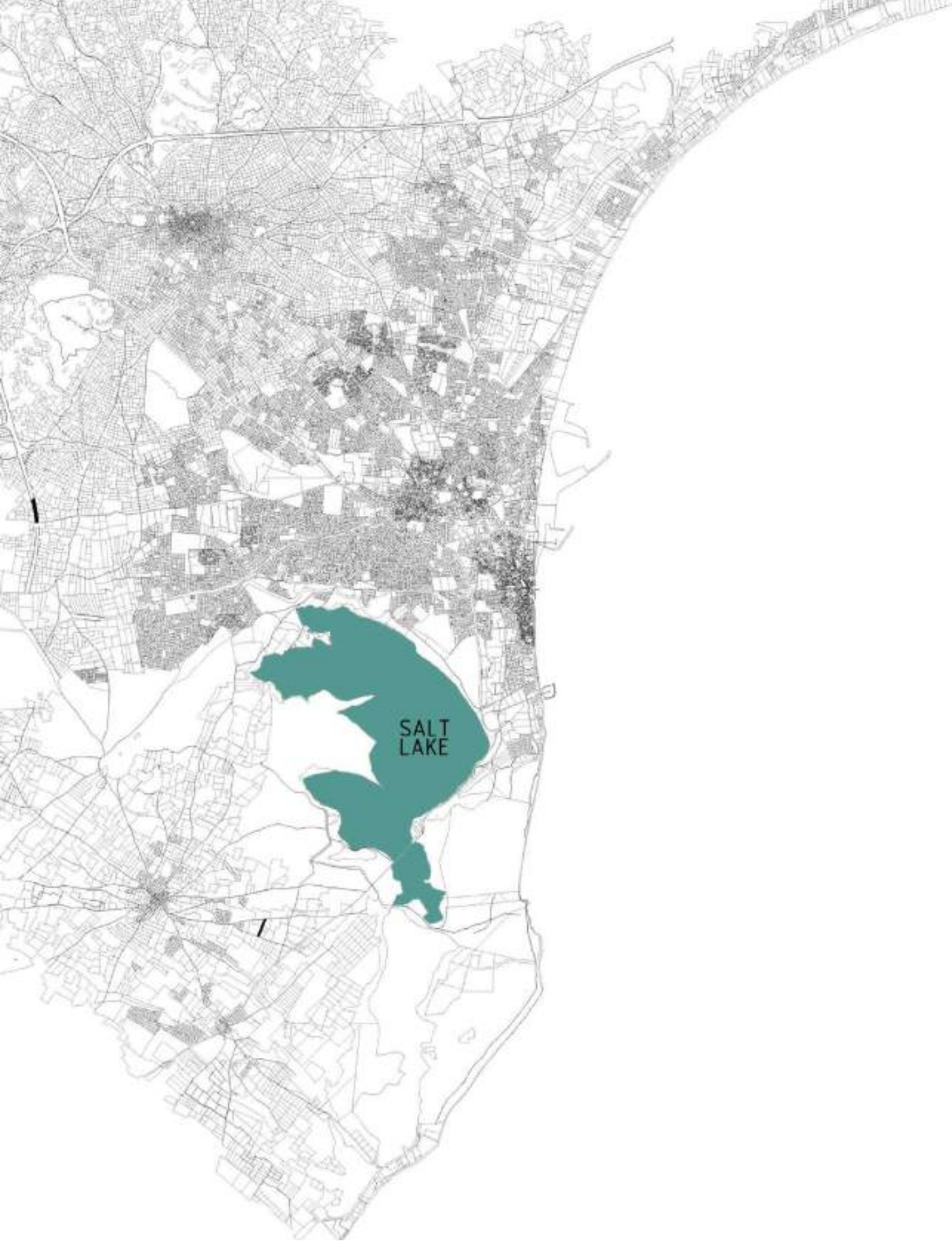
L a r n a c a S a l t L a k e s
T o u r i s m a n d U r b a n N a t u r e

A n d r e a s K a r a k a t s a n i s
L a r n a c a M u n i c i p a l i t y


INTRODUCTION


CYPRUS - LARNACA - SALT LAKE

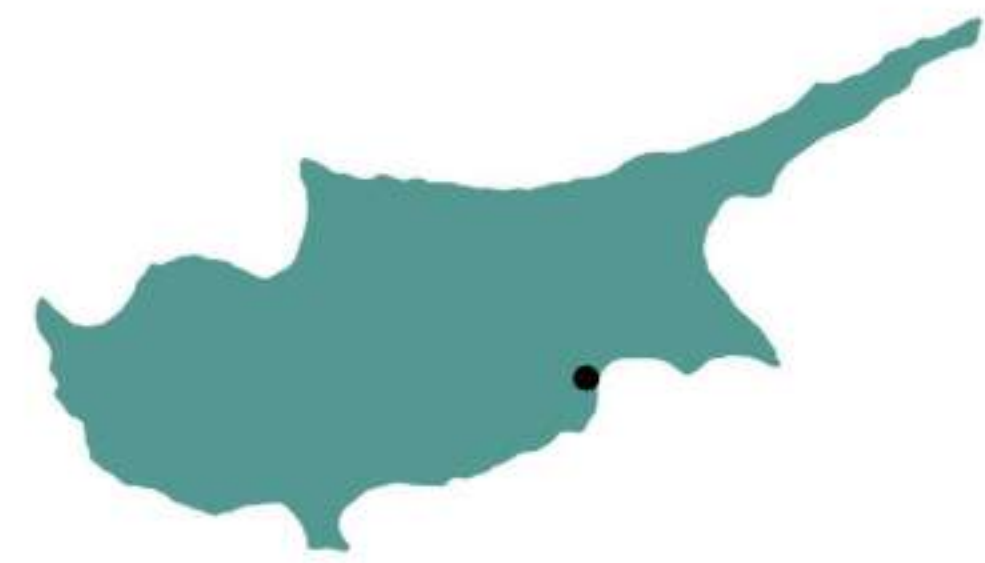




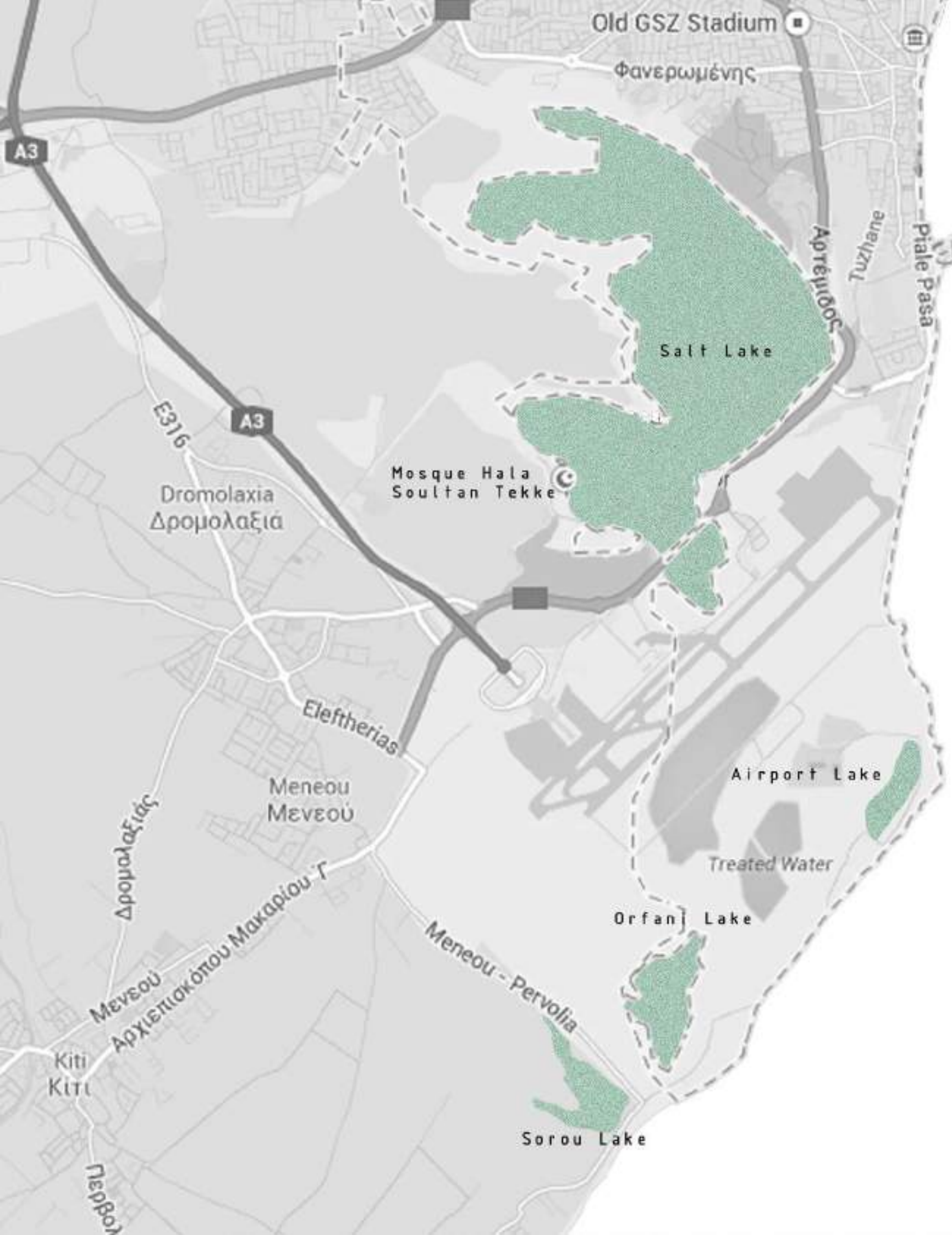
area District: 102.100 Ha
Greater Urban Zone: 12.155 Ha

 District: 143.192
Greater Urban Zone: 84.279

 Salt Lake (~30% of Larnaka's Area)



Larnaca



4 LAKES

Salt Lake
Airport
Orfani
Sorou

1761 Ha ecosystem
(670 Ha wetland)

SHORT HISTORY

1997 - Protection and Management Programme of Larnaca Salt Lakes (Ministerial Council)

2001 - Definition of main Lake as Ramsar Wetland Statute No. 8(III)/2001

2008 - Inclusion in «Natura 2000» network



The Salt Lake

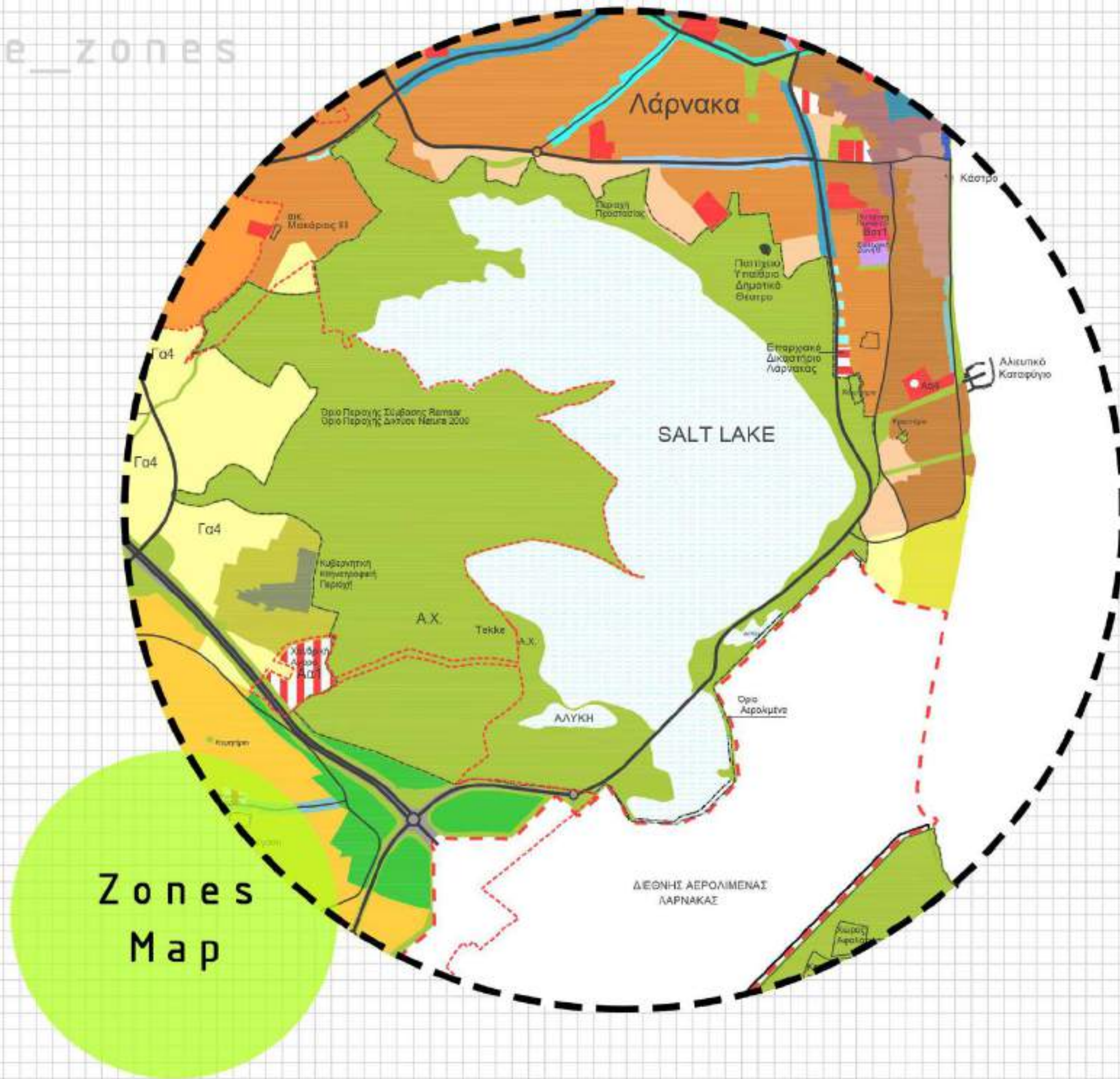
w e t l a n d e c o l o g y r e c r e a t i o n
a r t e m i a s a l i n a l e n v i r o n m e n t p h o t o g r a p h y
f l a m i n g o m i c r o c l i m a t e s u n s e t
d u c k s , g u l l s , o b s e r v a t o r y w a l k i n g
h a l o p h y t e s T e k k e p a r k s k y l i n e
o r c h i d s , b u t t e r f l i e s l a k e , t r a i l o f n a t u r e r e l a x a t i o n

URBAN NATURE

ZONES - LAND USE - OWNERSHIP - MASTERPLAN

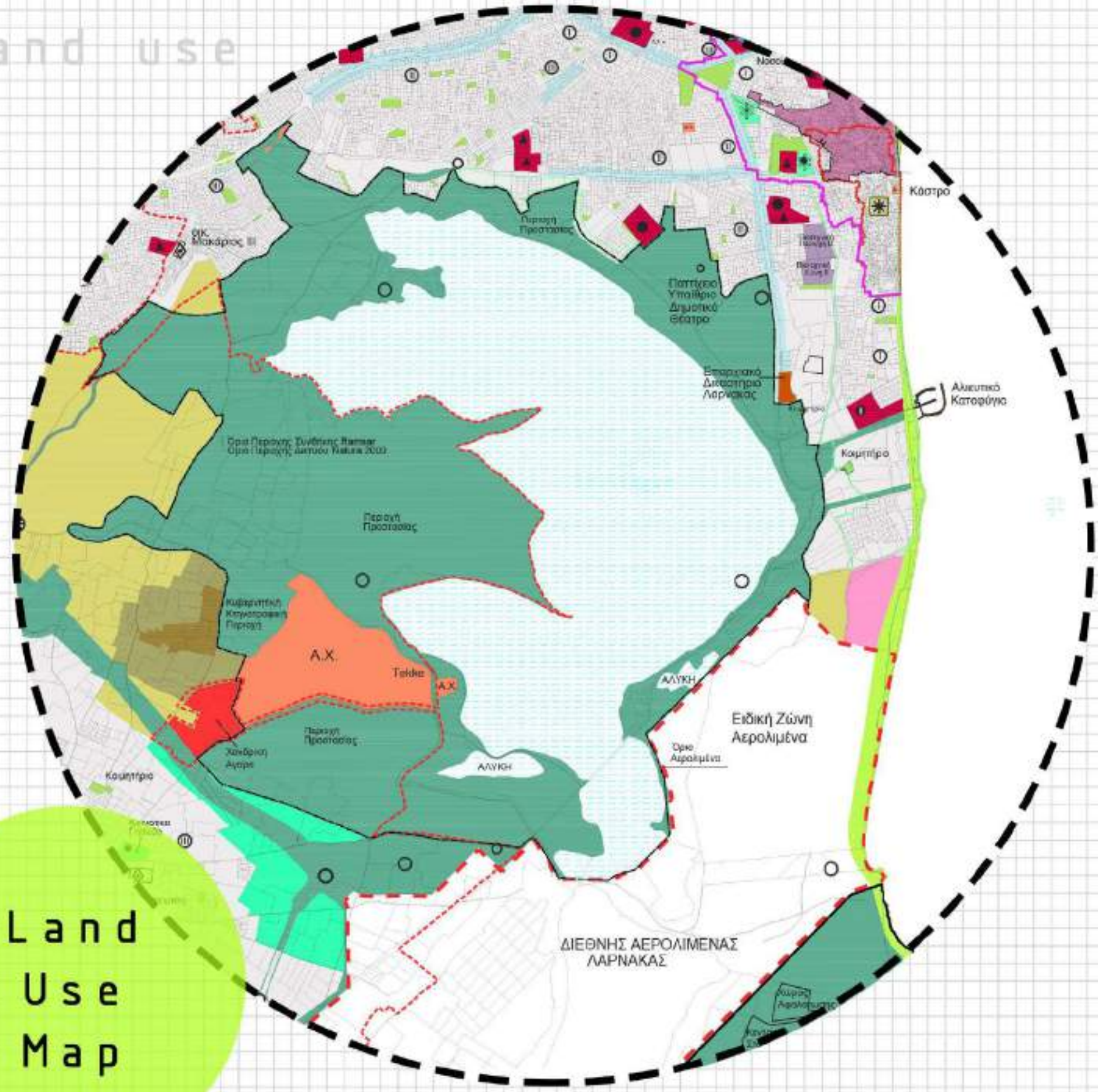


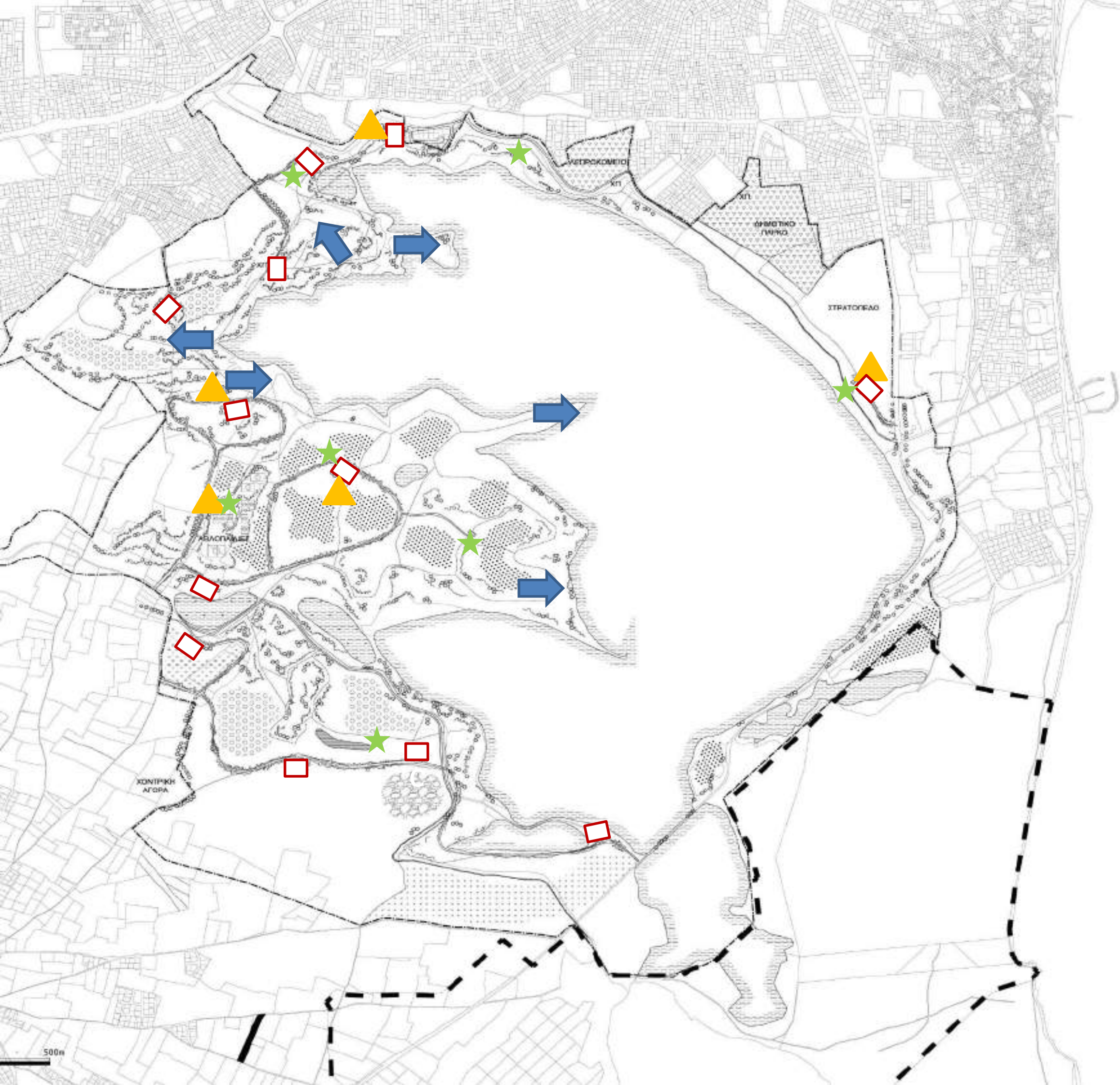
- protected zone 2
- salt lake
- protected zone 3
- government livestock area
- rural zone 4
- housing zone 6
- rural zone 6
- public uses
- commercial zone
- housing zone 8
- housing zone 3
- housing zone 4
- public uses 4
- industrial zone
- industrial zone B
- areas of continuous housing 6
- areas of continuous housing 8a
- areas of continuous housing 2
- commercial zone 5
- commercial zone 1
- ramsar+natura area
- - - administrative ares
- - - airport













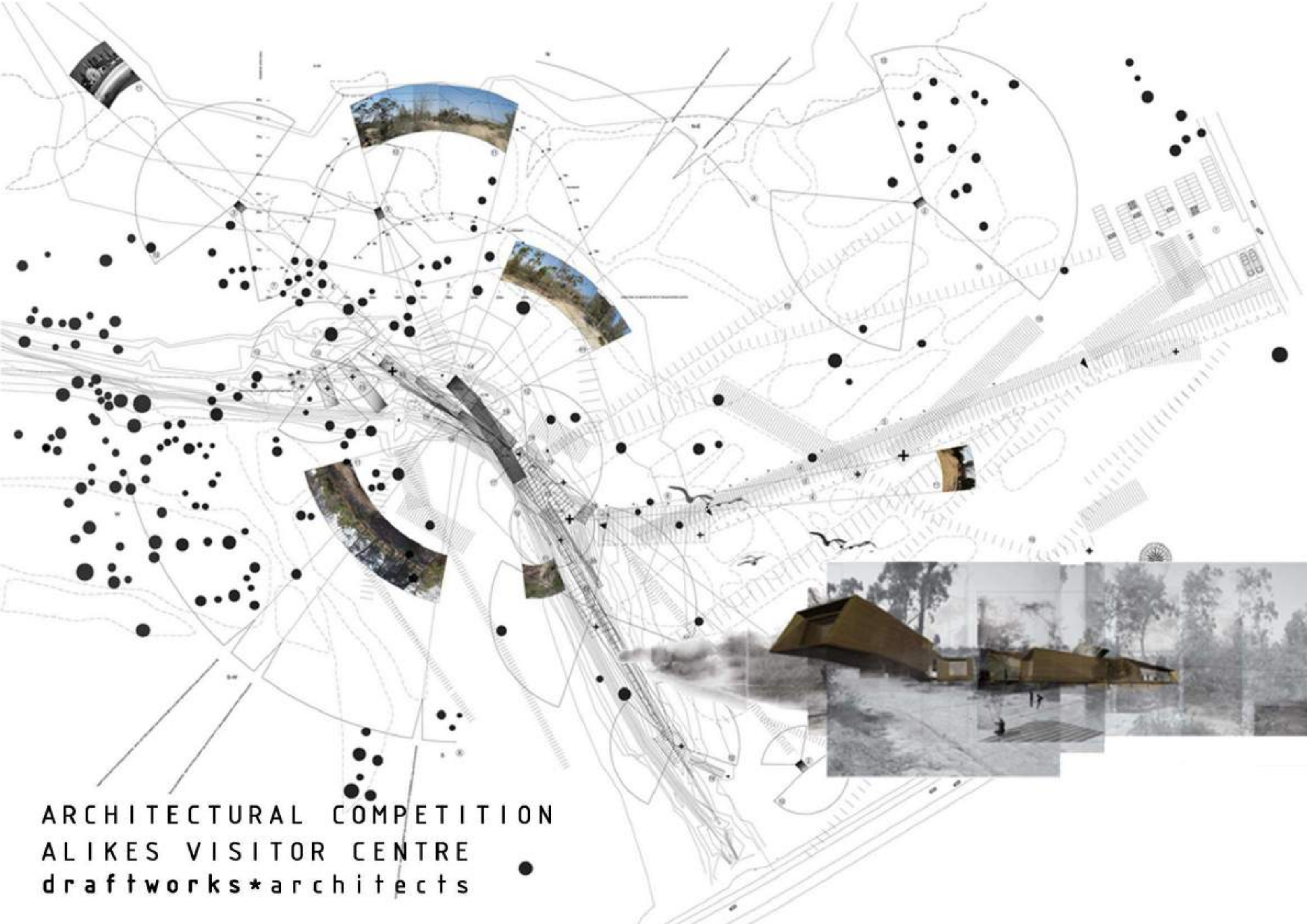
Land Use Map

- housing
 - salt lake
 - protected zones
 - rural area
 - industry
 - segregation area
 - livestock
 - ancient monuments
 - irrigation land
 - urban center
 - recreation
 - activity axes
 - coastal protected zone
 - local parks
 - education
 - wholesale market
 - hospital
 - stadium
 - commerce
 - public sector
-
- ramsar+natura area
 - administrative area
 - airport
 - urban center
 - special character area





-  AIRPORT BOUNDARIES
 -  NATURA & RAMSAR AREA BOUNDARIES
 -  ROADS INSIDE PARK
 -  PATHS
 -  OBSERVATION POINT
 -  PARKING SPACE
 -  SERVICES
 -  PLAYGROUND
 -  WETLAND
 -  POND
 -  TREES
 -  TALL VEGETATION
 -  TEKKE PARK
 -  VEGETATION TO COVER NOISY USES
 -  PALMTREE FOREST
 -  FARMING
- PROTECTION AND REGENERATION OF LARNACA SALT LAKES
DEPARTMENT OF TOWN PLANNING AND HOUSING



ARCHITECTURAL COMPETITION
ALIKES VISITOR CENTRE
draftworks*architects

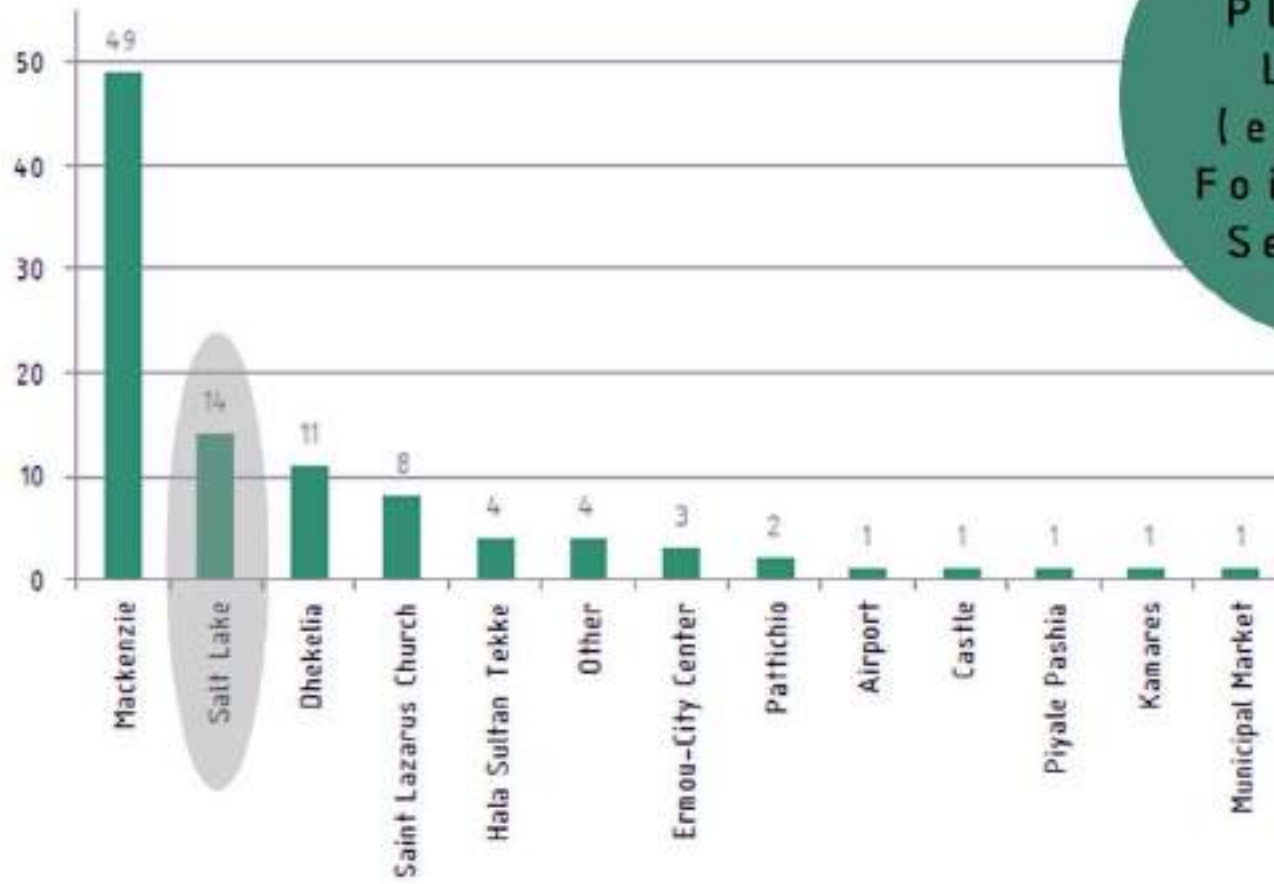
T O U R I S M

POINTS OF INTEREST - POPULARITY
FLORA - FAUNA - CULTURAL WALK



salt_lake_popularity

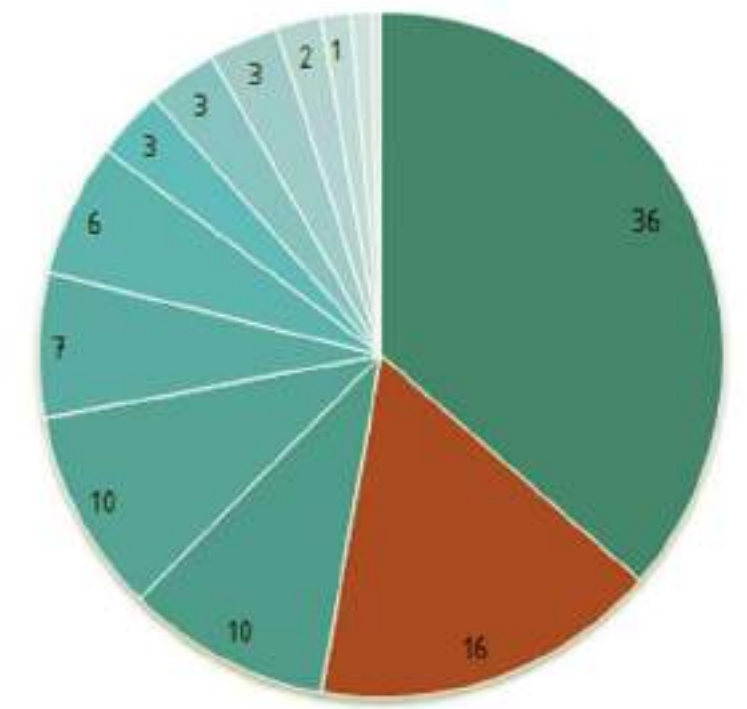
Popularity on Residents of Larnaca (%)



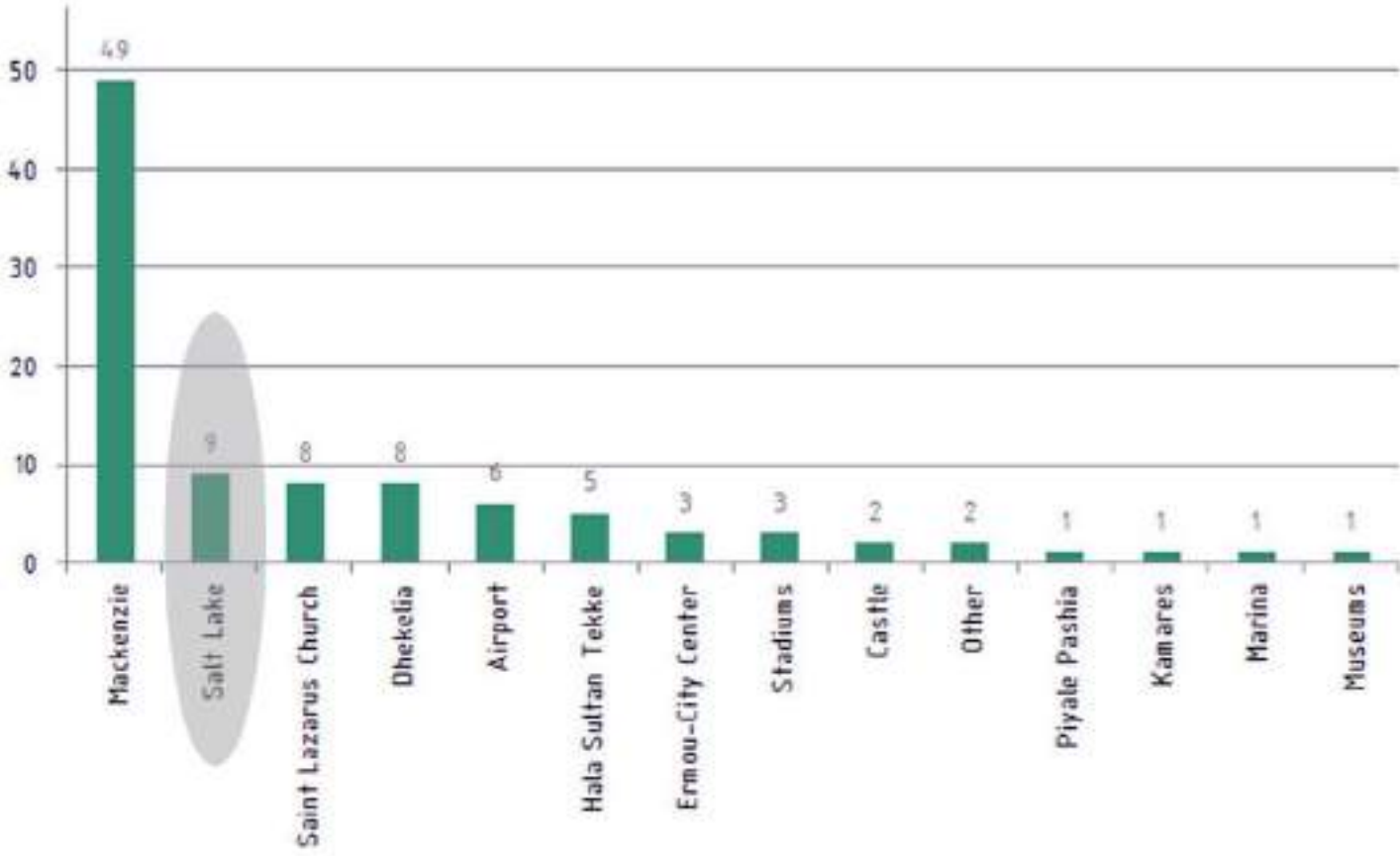
Interesting Places of Larnaca (excluding Foinikoudes Seafront)

Pleasant Route in Larnaca (%)

- Foinikoudes
- Salt Lake
- Mackenzie
- Piyale Pashia
- Dhekelia
- Pattichio
- Hala Sultan Tekke
- Ermou-City Center
- Other
- Kamares
- Saint Lazarus Church
- Faneromeni
- Castle

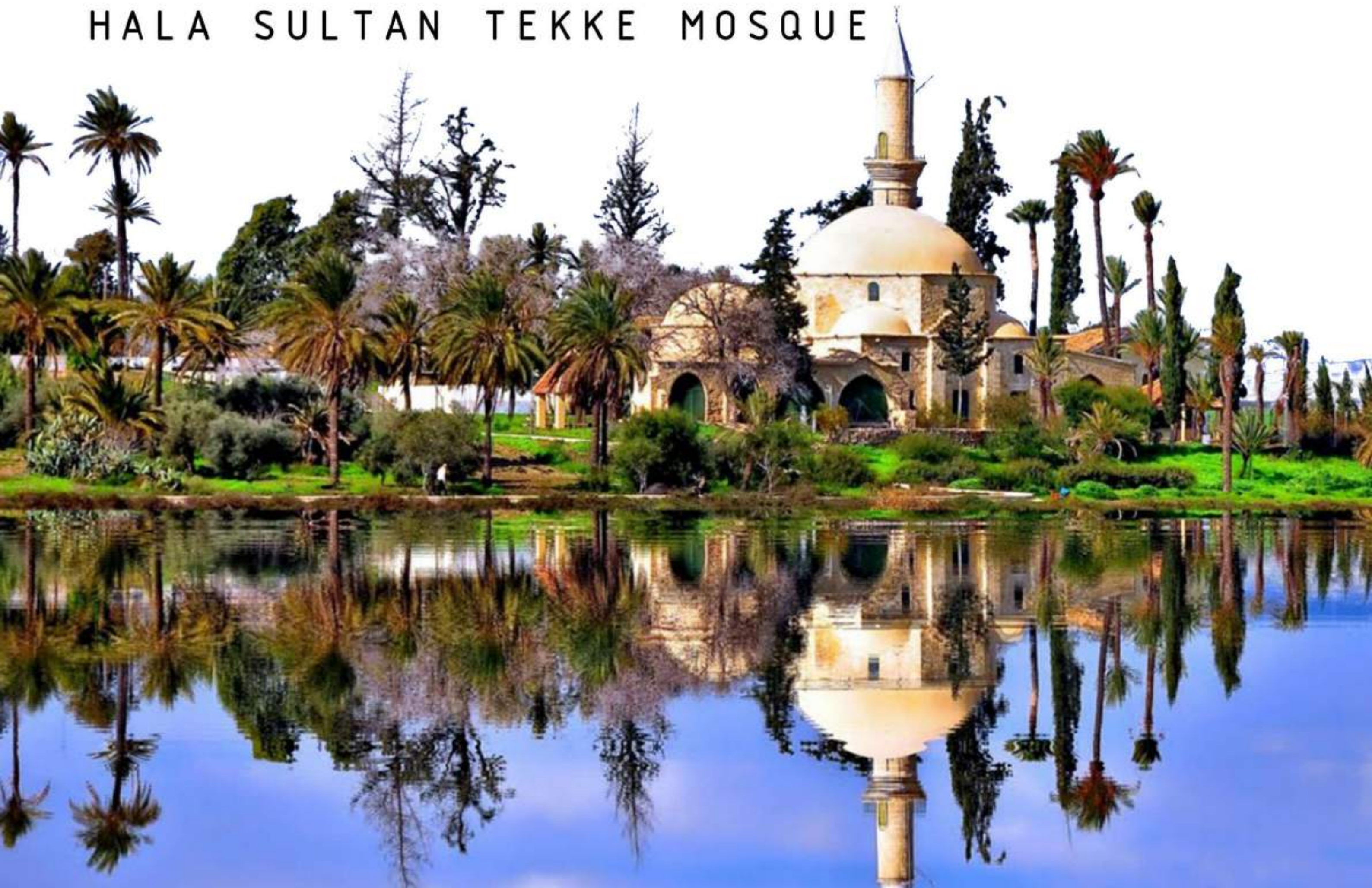


Popularity on non Residents of Larnaca (%)

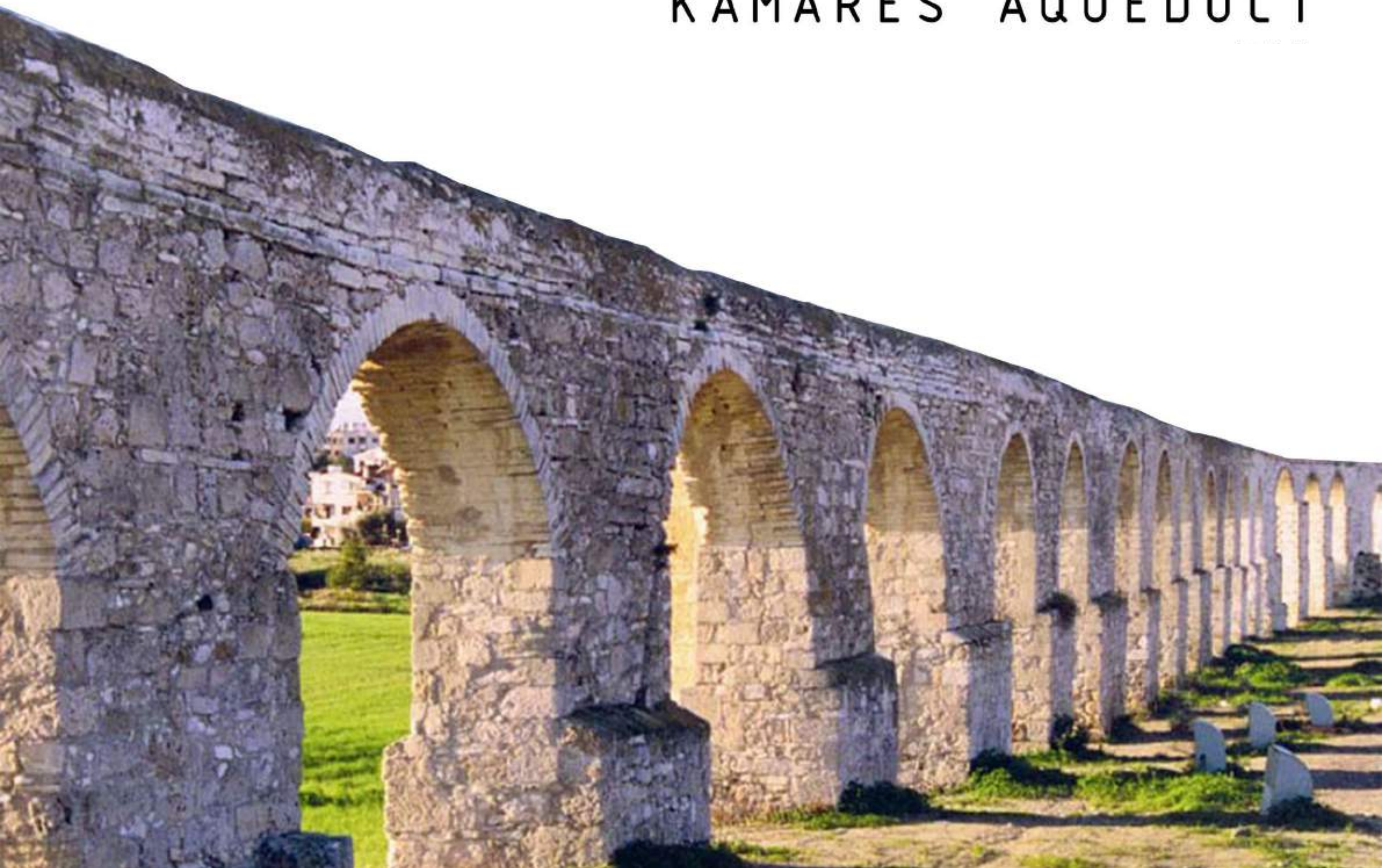




HALA SULTAN TEKKE MOSQUE



KAMARES AQUEDUCT



EX LEPER HOUSE



NATURE TRAIL



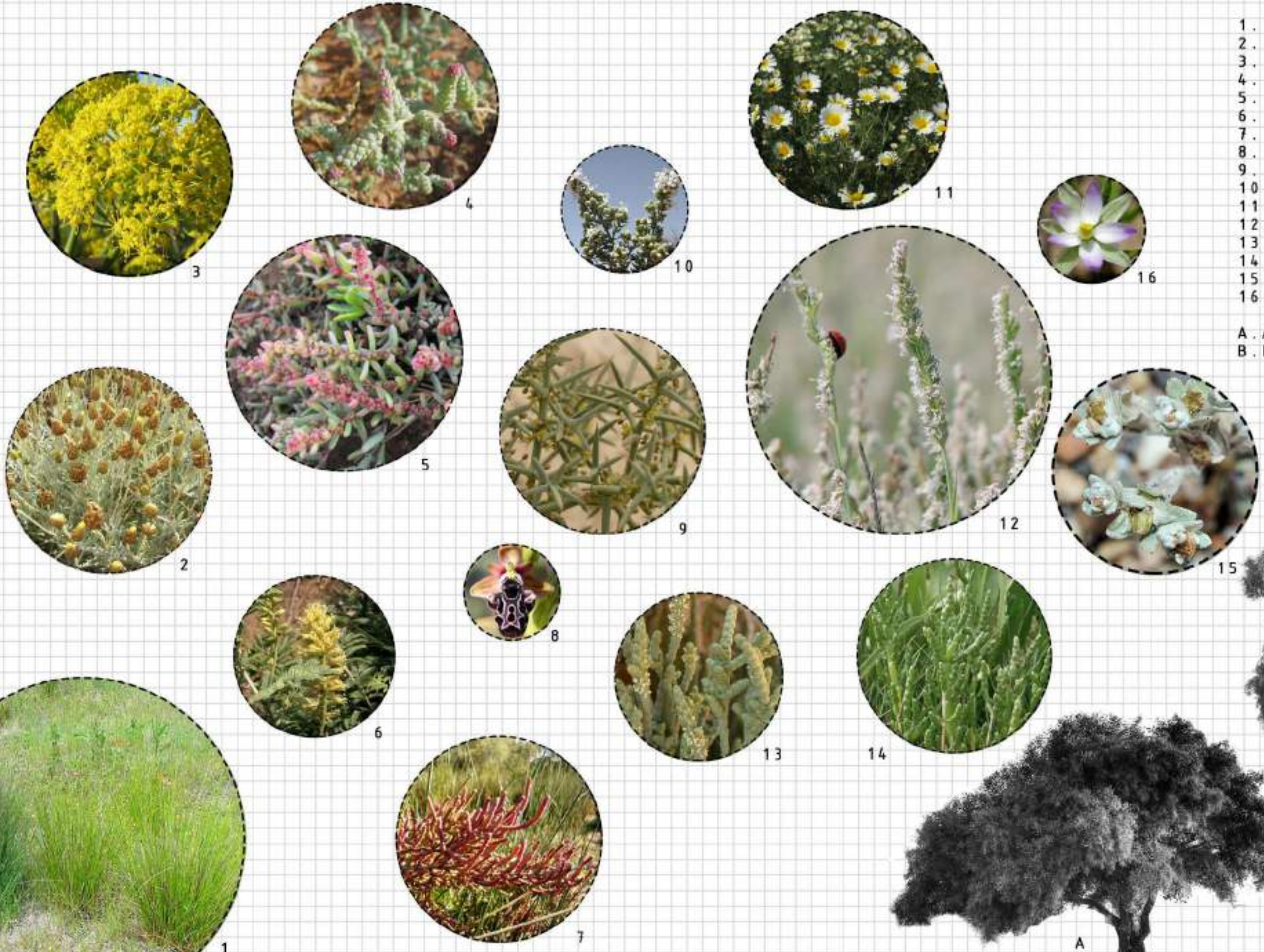
PATTICCHIO PARK



ELDYK PARK

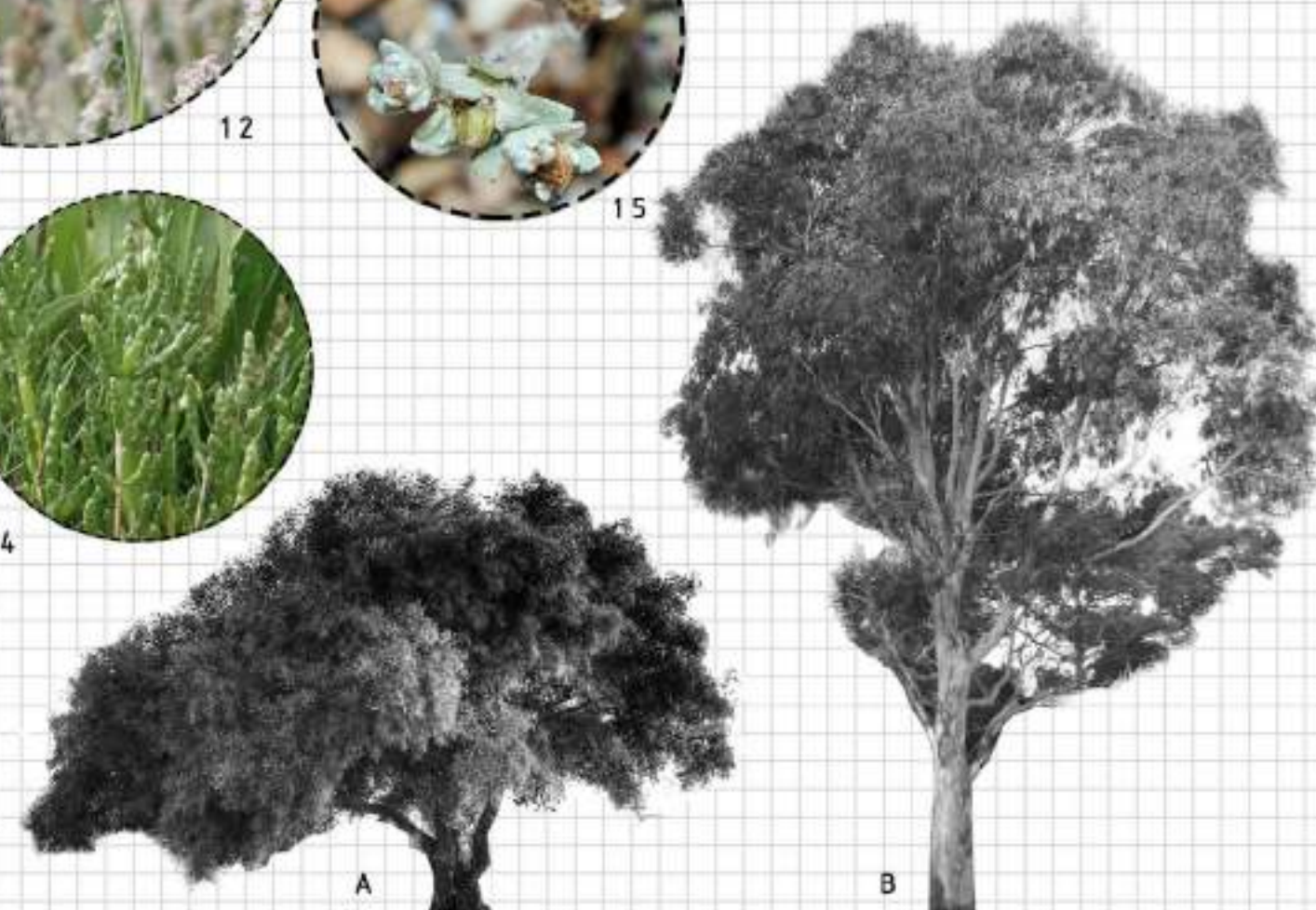


natura_salt_lake_flora



- 1. *Juncus* Sp.
- 2. *Phagnalon* Rupes
- 3. *Ferula* Communis
- 4. *Halopeplis* Amplexicaulis
- 5. *Suaeda* Vera
- 6. *Prosopis* Farcta
- 7. *Sarcocornia* Fruticosa
- 8. *Ophrys* Kotschyi
- 9. *Asparagus* Stipularis
- 10. *Cressa* Cretica
- 11. *Chrysanthemum* Sp.
- 12. *Aeluropis* Littoralis
- 13. *Arthrocnemum* Macrostachyum
- 14. *Salsicornia* Europaea
- 15. *Filago* Mareotica
- 16. *Spergularia* Salina

- A. *Acacia* Sp.
- B. *Eucalyptus* Sp.



natura_salt lake_fauna



calidris
minuta

chalandrella
brachydactylus

falco
tinnunculus

flava
feldegg

aythya
nyroca

circus
cyanetus

glareola
pratincola

melanocorypha
calandra

sylvia
conspicillata

cisticola
juncidis

coturnix
coturnix

lanius
minor

charadrius
alexandrinus

circus
aeruginosus

sterna albifrons

anas clypeata

tadorna
tadorna

cygnus olor

tadorna
ferruginea

larus
cachinnans

podiceps
nigricollis

philomachus
pugnax

larus ridibundus

anser albifrons

grus grus

tringa
erythropus

plegadis
falcinellus

himantopus himantopus

pelecanus
onocrotalus

phoenicopterus ruber

larus genei

T H R E A T S

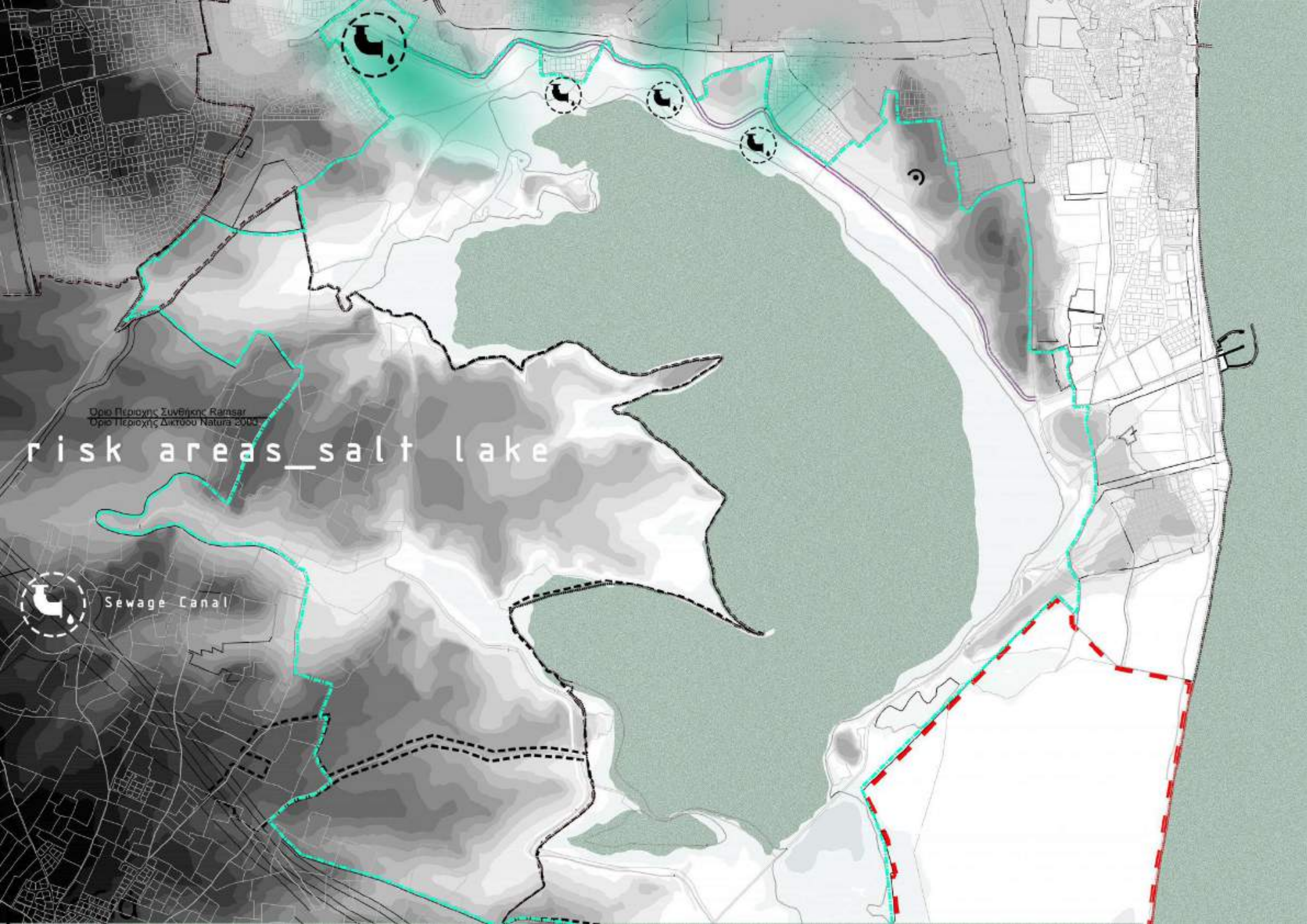
R I S K S - T H R E A T S



Όριο Περιοχής Συνθήκης Ramsar
Όριο Περιοχής Δικτύου Natura 2000

risk_areas_salt_lake

 Sewage Canal





Όριο Περιοχής Συνθήκης Ramsar
Όριο Περιοχής Δικτύου Natura 2000

risk areas_salt lake

 Sewage Canal

 Airport



Όριο Περιοχής Συνθήκης Ramsar
Όριο Περιοχής Δικτύου Natura 2000

risk_areas_salt_lake

-  Sewage Canal
-  Airport
-  Arbitrary Development



Όριο Περιοχής Συνθήκης Ramsar
Όριο Περιοχής Δικτύου Natura 2000

risk areas_salt lake

-  Sewage Canal
-  Airport
-  Arbitrary Development
-  High-way



salt_lake_threats

Use of
Pesticides



salt_lake_threats

Use of
Pesticides

Urban
Pressure



salt_lake_threats

Use of
Pesticides



Urban
Pressure

Pollution

Waste
Dumping



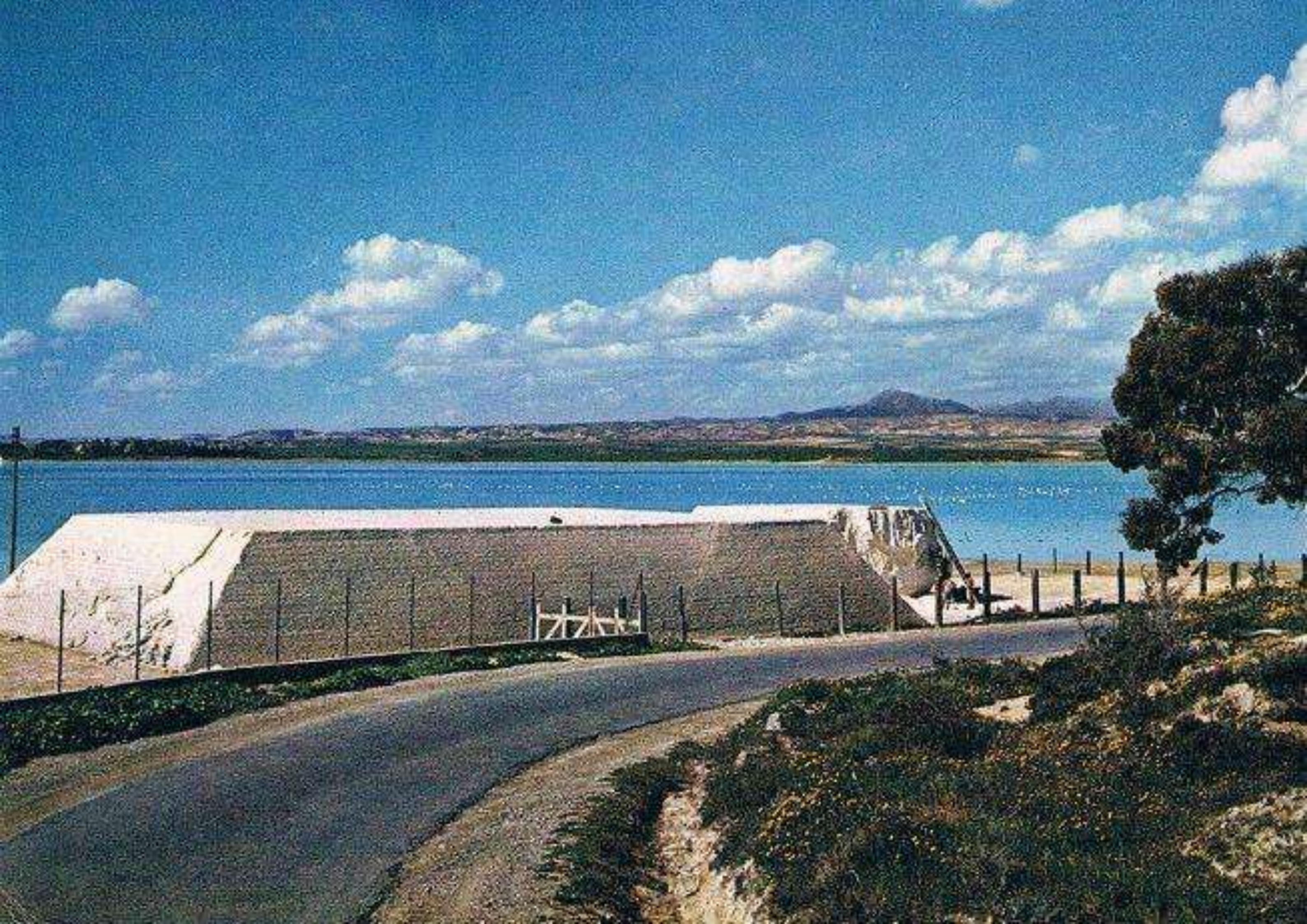
pictures











Ευχαριστώ

Thank you

Merci

شكرا

Andreas Karakatsanis