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TAIEX-ECRAN Sub-Regional Workshop on Appropriate Assessment on Turkish Pilot Site (Natura 2000)

Workshop I: Screening (Stage I of Appropriate Assessment)

Topic: Pilot area introduction

Ankara, Republic of Turkey, 12 – 14 November 2014



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A project implemented by Human Dynamics Consortium

Tuz Gölü (Lake Tuz) Special Environment Protection Area (SEPA)



Google earth

miles
km

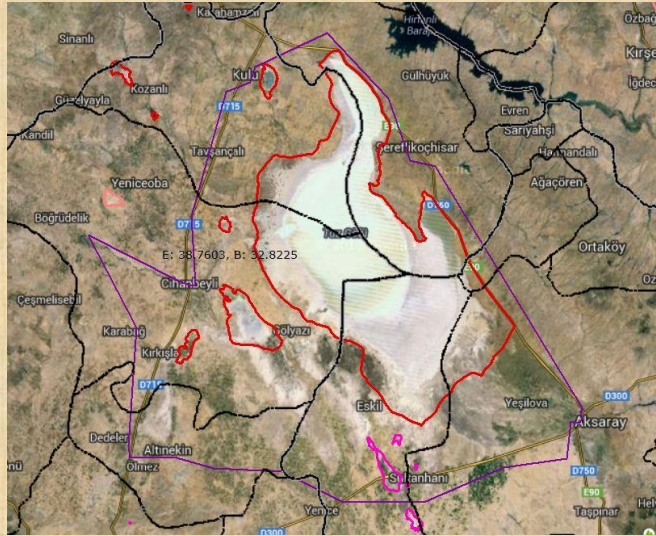
400
600



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Tuz Gölü (Lake Tuz) Special Environment Protection Area (SEPA)



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Tuz Gölü (Lake Tuz)

Special Environment Protection Area (SEPA)

- Tectonic-originated site fed by underground waters.
- Depth: below 0.5 meters
- Surface area : 164 200 ha (spring)
- Altitude : 905 meters
- H₂O density : 1 - 22.5 cm/g
- Salt ratio: 32.4%



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Tuz Gölü (Lake Tuz)

Special Environment Protection Area (SEPA)

- Declared as SEPA on 14th Sept. 2000 at **7,414 km²**.
- Lake Tuz Special Protection Area (SEPA) is by far the largest protected area in Turkey; it covers a larger area than all the other SEPAs combined.
- Lake Tuz is Turkey's first natural heritage candidate to be considered for inclusion on the UNESCO World Heritage List. (Included on April 15 2013, submitted to the Tentative List: 21/06/2013)






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Tuz Gölü (Lake Tuz) Target features - birds

Species	Season	Population estimate
Caspian Tern (<i>Hydroprogne caspia</i>)	breeding	3-5 breeding pairs
<i>Charadrius alexandrinus</i>	breeding	400 breeding pairs
Collared Pratincole (<i>Glareola pratincola</i>)	breeding	200 breeding pairs
Common Crane (<i>Grus grus</i>)	breeding	15-20 breeding pairs
Eastern Imperial Eagle (<i>Aquila heliaca</i>)	breeding	2 breeding pairs
Great Bustard (<i>Otis tarda</i>)	breeding	83-110 ind.
Great White Pelican (<i>Pelecanus onocrotalus</i>)	breeding	2-3 breeding pairs
Greater Flamingo (<i>Phoenicopterus roseus</i>)	breeding	14.000 breeding pairs
Greater Sandplover (<i>Charadrius leschenaultii</i>)	breeding	100-120 breeding pairs
<i>Larus michahellis</i>	breeding	450-600 breeding pairs
Lesser Kestrel (<i>Falco naumanni</i>)	breeding	100 breeding pairs
Little Bustard (<i>Tetrax tetrax</i>)	breeding	20 breeding pairs
Montagu's Harrier (<i>Circus pygargus</i>)	breeding	40 breeding pairs
Pallid Harrier (<i>Circus macrourus</i>)	breeding	1-2 breeding pairs
Steppe Eagle (<i>Aquila nipalensis</i>)	breeding	1-2 breeding pairs








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Tuz Gölü (Lake Tuz) Target features - birds

Species	Season	Population estimate
Ruddy Shelduck (<i>Tadorna ferruginea</i>)	non-breeding	350-2.160 ind.
<i>Sterna nilotica</i>	non-breeding	200-300 ind.
Common Shelduck (<i>Tadorna tadorna</i>)	passage	820-1.240 ind.
Common Teal (<i>Anas crecca</i>)	passage	13.000-57.000 ind.
Common Crane (<i>Grus grus</i>)	passage	4.000-8.000 ind.
Eurasian Dotterel (<i>Eudromias morinellus</i>)	passage	800-1.000 ind.
waterbirds	passage	35.000-80.000 ind.
Greater White-fronted Goose (<i>Anser albifrons</i>)	winter	6.618-57.000 ind.
Greylag Goose (<i>Anser anser</i>)	winter	400-1.400 ind.
Red-breasted Goose (<i>Branta ruficollis</i>)	winter	118 ind.
waterbirds	winter	20.000-60.000 ind.

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Tuz Gölü (Lake Tuz) Target features - birds



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Tuz Gölü (Lake Tuz) Target features – habitats and plant species

Habitat types	Extent (% of site)
Wetlands (inland) flats; Standing brackish and salt water	38%
Desert	36%
Other	26%

Plant species

Camphorosma monspeliaca

Hairy sea heath (*Frankenia hirsute*)

Edible common glasswort or Samphire (*Salicornia europaea*)

Hairy sea heath (*Frankenia hirsute*)

Halimone verrucifera

Halocnemum strobilaceum

Salsola crassa

Saltmarsh bulrush or Bayonet grass (*Bolboschoenus maritimus*)

Sea lavender or Marsh-rosemary (*Limonium* spp.)

Suaeda carnosissima

Taraxacum farinosum



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Tuz Gölü (Lake Tuz) Target features – habitats and plant species



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Tuz Gölü (Lake Tuz) Target features – habitats and plant species



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Tuz Gölü (Lake Tuz) habitat management



pasture



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Tuz Gölü (Lake Tuz) human activities



tourism



salt mining



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