



MINISTRY OF
AGRICULTURE AND
FOREST

G.D. of NATURE CONSERVATION
AND NATIONAL PARKS



STATES OF WETLANDS AND TRENDS IN TURKEY

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NUMBER OF CONSERVED WETLANDS



Ramsar Sites: 14 (184.487 ha.*)

National Important Wetlands: 59
(869.697 Ha.*)

Local Important Wetlands: 13
(14.513 ha.*)

Wetland Management Plans: 66
(Ramsar+ National)

*boundry of conservation zones.





- According to validated part of the National Wetland Inventory Studies
- Total area : 1,54 million hectares
- Marine Wetlands : 89.195 hectares.
- Inland Wetlands : 1,08 million hectares.
- Artificial Wetlands : 373.580 hectares.



<https://saybis.tarimorman.gov.tr>



REHABILITATION ACTIVITIES



Sultansazlığı Ramsar Site; Kayseri Province

Problem: Lack of water between 2000-2010

Solution: Providing different water sources for irrigation.





REHABILITATION ACTIVITIES



Avlan Lake; Antalya Province

Problem: Dried to open agriculture land in 1970's and a road middle of wetland.

Solution: Closing to drainage channel,
Turning the road to artificial islands for birds.





REHABILITATION ACTIVITIES



Gediz Delta Ramsar Site; Izmir Province

Problem: Degradation of natural breeding island due to erosion.

Solution: An artificial island had been built





REHABILITATION ACTIVITIES



Kızılırmak Delta Ramsar Site; Samsun Province

Problem: The illegal housing and construction.

Solution: The demolition of illegal houses and their rubble was used as a natural hill bu collecting them in four places.





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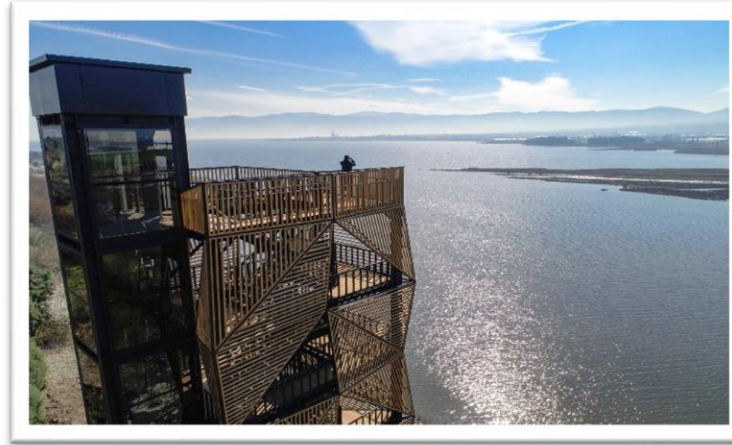
ECOTURISM and CEPA ACTIVITIES



Uluabat Lake Ramsar Site



Efteni Lake



Kızılırmak Delta Ramsar Site



Kuş Yakalama Ağları



Kızılırmak Deltası Kuş Cenneti Yönetim merkezi ve Ondokuz Mayıs Üniversitesi Ornitoloji Araştırma Merkezi Çekek Malkalama İstasyonu



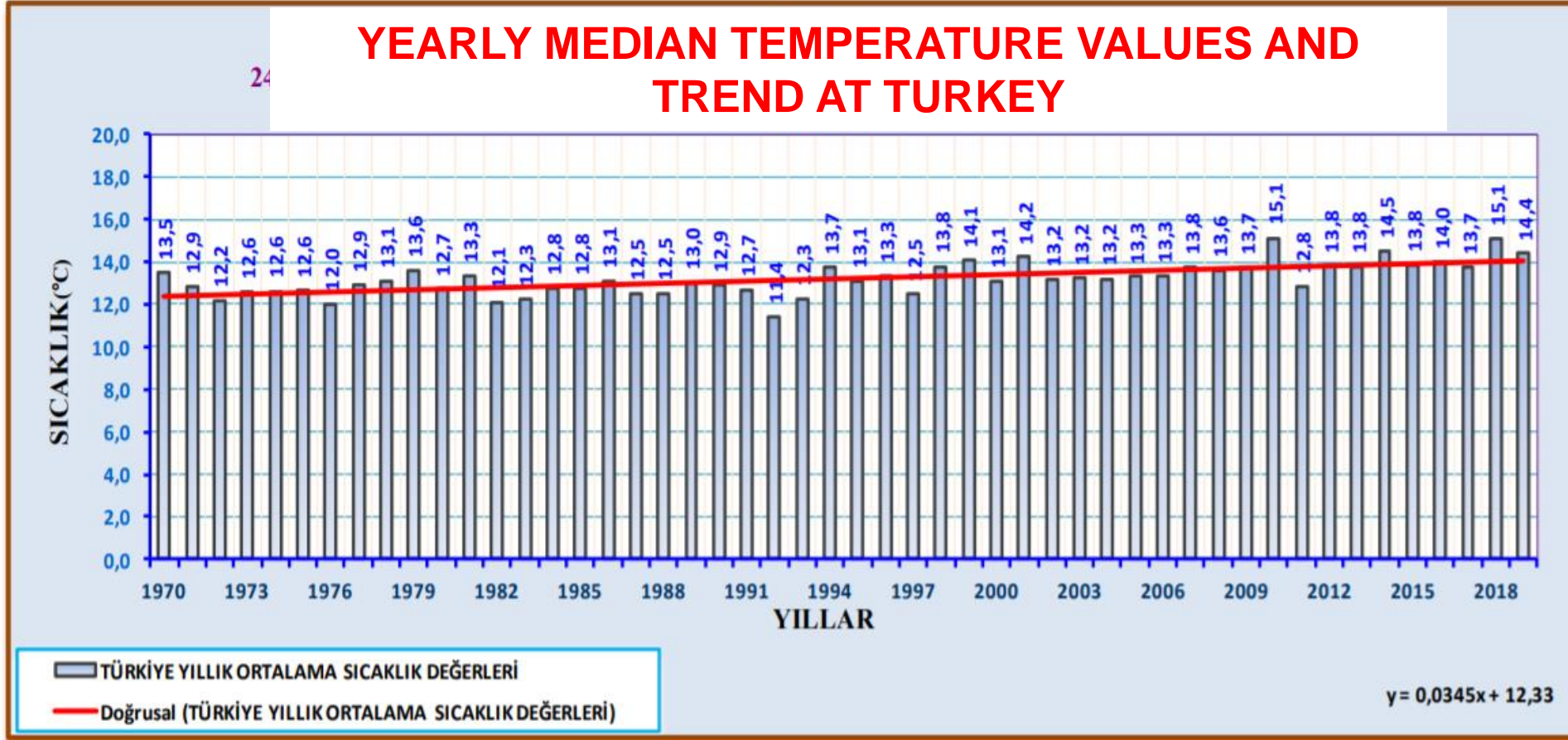
1. CLIMATE CHANGE

2. INCREASING POPULATION

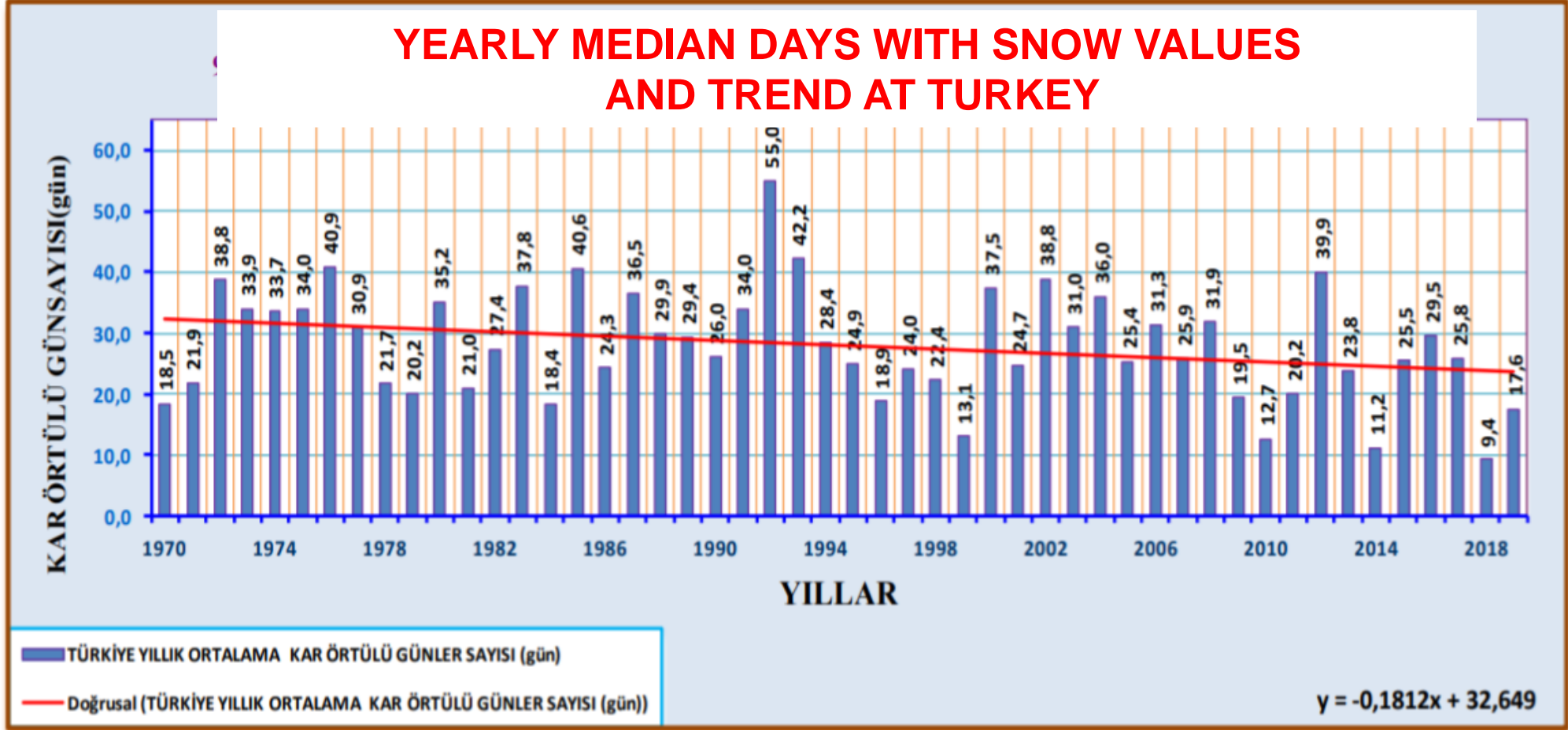
3. LOW WATER QUALITY and POLLUTION

**4. ENERGY CENTRALS (Wind, Solar and Hydro
Electrical Power Plants)**

5. ILLEGAL HUNTING

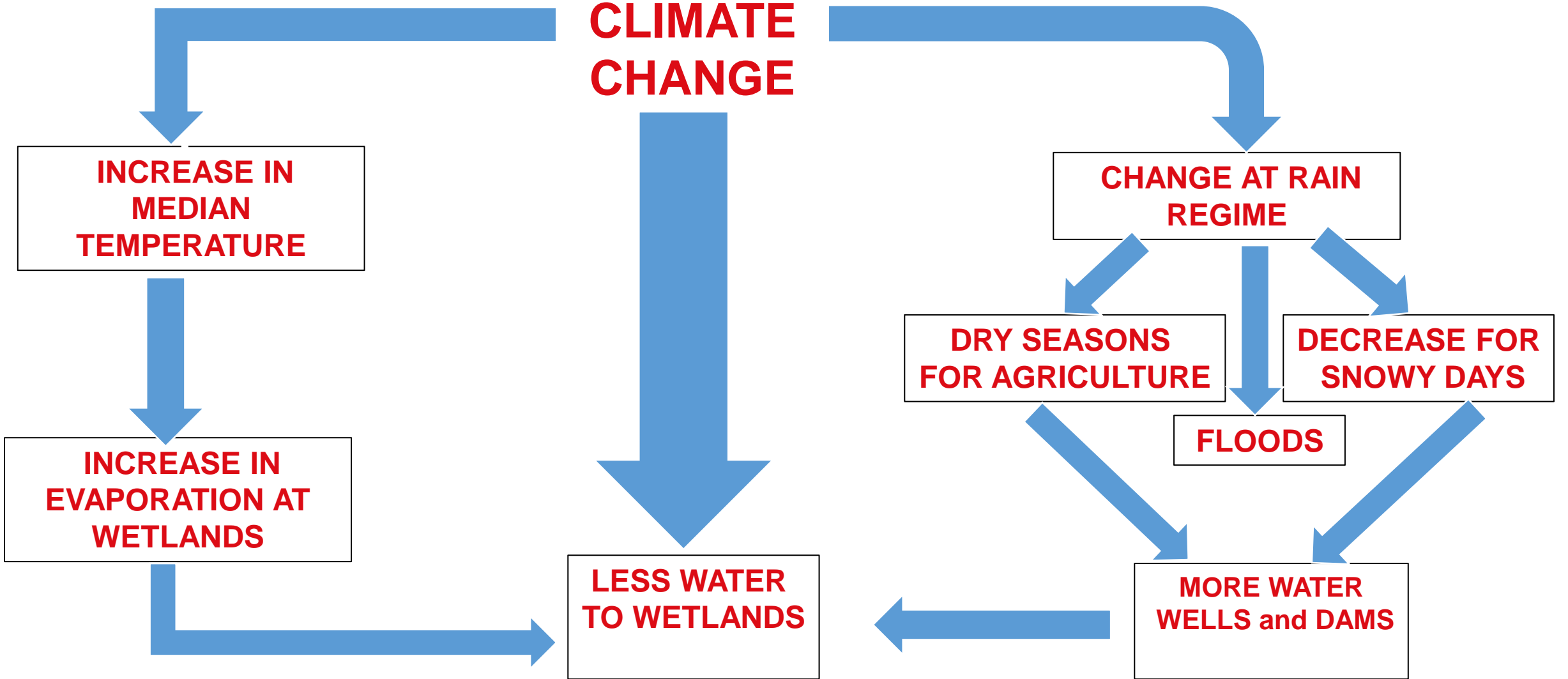


About 2 °C raise from 1970 to 2020



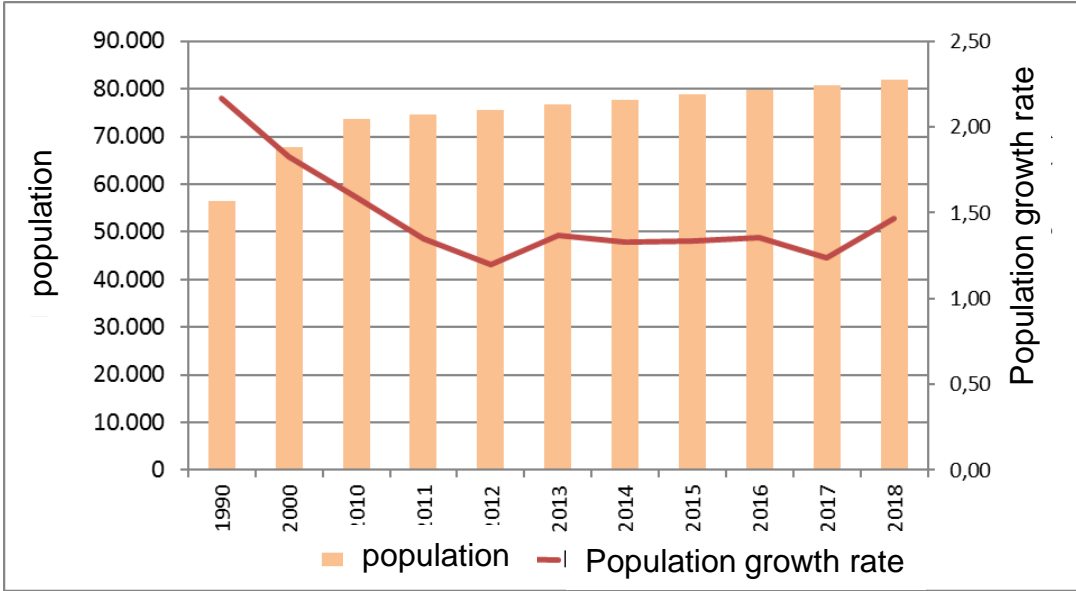


CHALLENGES ON WETLANDS





Graph of population in Turkey



Water Consumption (billion m³/year)

Sectors	2008	2010	2012	2014	2016	2018
Municipalities	5,77	5,79	5,98	5,66	6,21	6,60
Workplaces	1,31	1,56	1,79	2,2	2,12	2,67
Organized Industrial Zones	0,11	0,11	0,14	0,14	0,15	0,16
Irrigation	33,77	38,15	41,55	35,85	43,06	45
Total	40,96	45,61	49,46	43,85	51,54	54,43

In Turkey;

About 75 % total water consumption is used for irrigation.

Every year irrigable agricultural land rate increasing by new irrigation projects,

Most common method is gravity irrigation, this results in waste of water.



- 1. Completing the validation of National Wetland Inventory**
 - 2. Improvement state of wetlands which have lack of water (Especially Seyfe Lake Ramsar Site
Meke Lake, Ramsar Site, Kizören Obrouk Ramsar Site.)**
 - 3. Declaration of new Ramsar Sites among National Important Wetlands.**
 - 4. Focusing more to the monitoring activities (especially management plan monitoring) at Ramsar Sites and National Important Wetlands.**
 - 5. Raising the adapdation to EU Direcitives and implementation on river basin management.**
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THANK YOU FOR ATTENTION

