TURKISH REPUBLIC MINISTRY OF FORESTRY AND WATER AFFAIRS



15th meeting of the Workshops for the implementation of the European Landscape Convention "Sustainable Landscapes and Economy"



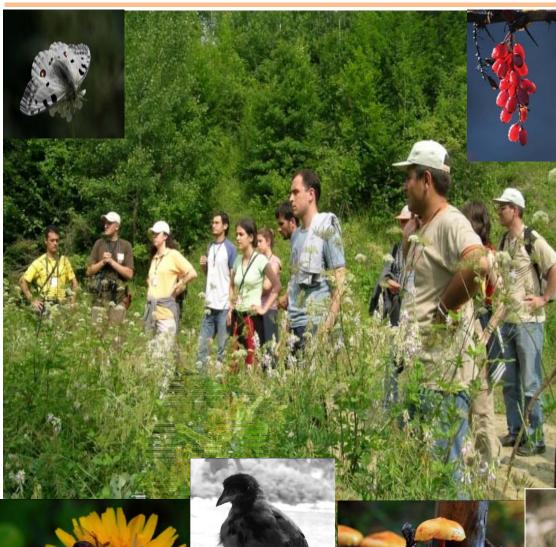
Ramazan DİKYAR
Head of Vulnerable Areas Department
GENERAL DIRECTORATE OF
NATURE CONSERVATION AND NATIONAL PARKS

(Nevşehir, Turkey, 1-2 October 2014)



NATURE CONSERVATION IN TURKEY





CONTENTS

- Biodiversity Richness in Turkey
- Why?
- Landscapes in Turkey
- General Directorate of Nature Conservation and National Parks
- Protected Areas





RICHNESS OF TURKEY IN TERMS OF BIOLOGICAL DIVERSITY

Flora

Fauna

(Number of Species)

(Number of Species)

EU Countries Turkey 12.000

80.000

60.000

11.000







• Being surrounded by sea on three sides, Turkey has different characteristics, starting from sea level to 5000 meters above elevation differences,





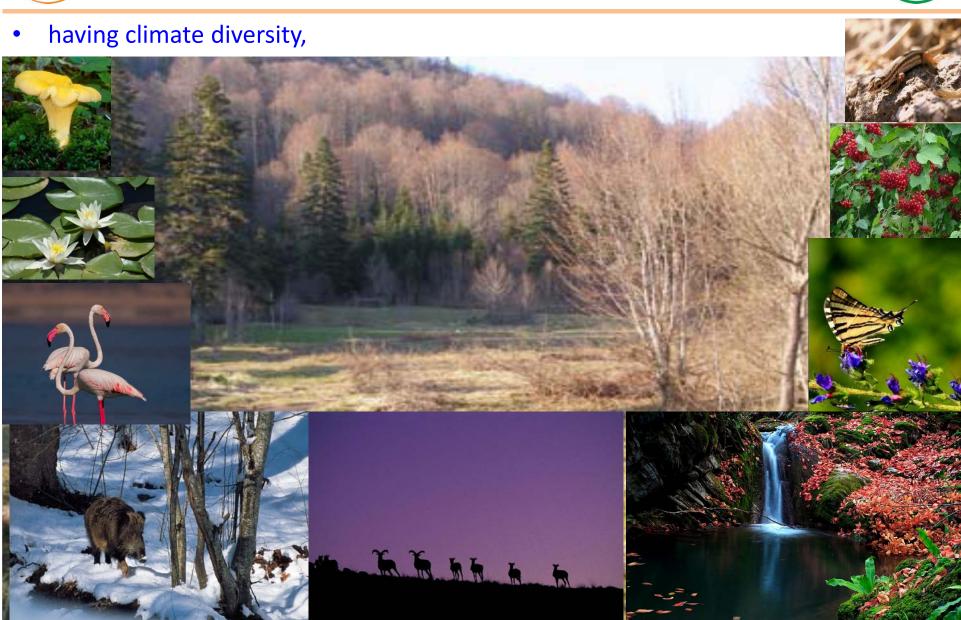








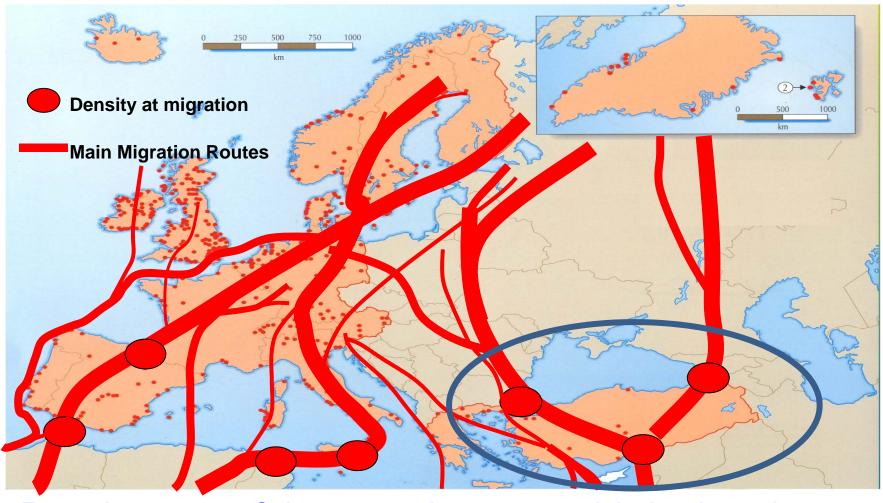






Two of West Paleoarctic Bird Migration Routes meet on Turkey





Passing two of the most important bird migration routes in West Palaearctic region from Turkey,



Biogeoprahphic Regions of Turkey



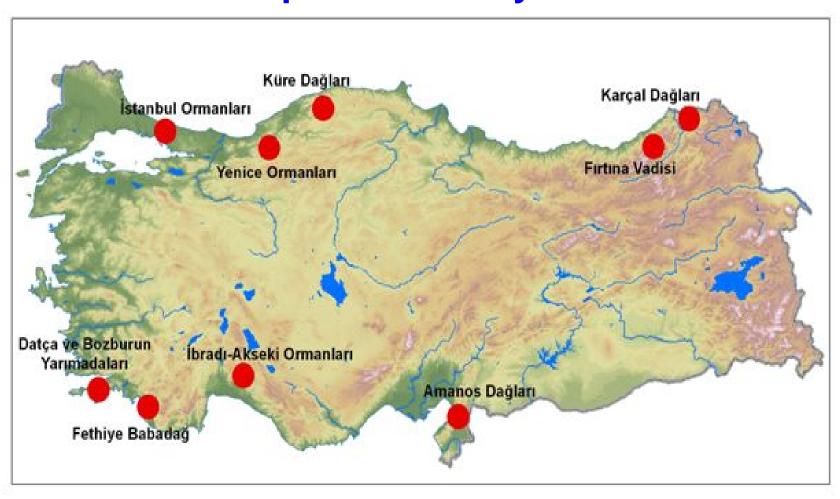
Turkey has three bio-geographical regions





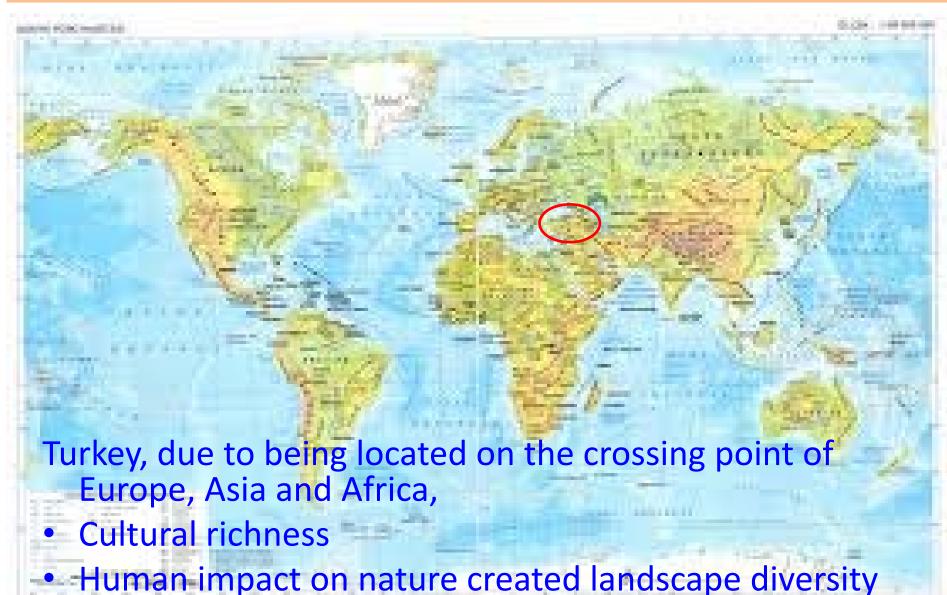


9 Forest Hot Spots in Turkey













There are different landscapes from wetlands to mountains, from caves to steppes...













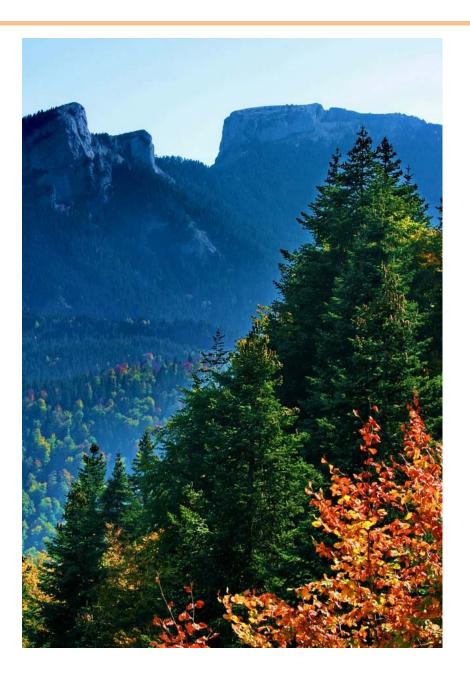




















General Directorate of Nature Conservation and National Parks



General Directorate of Nature Conservation and National Parks is the most important guarantee in country's biodiversity, nature and management of protected areas.





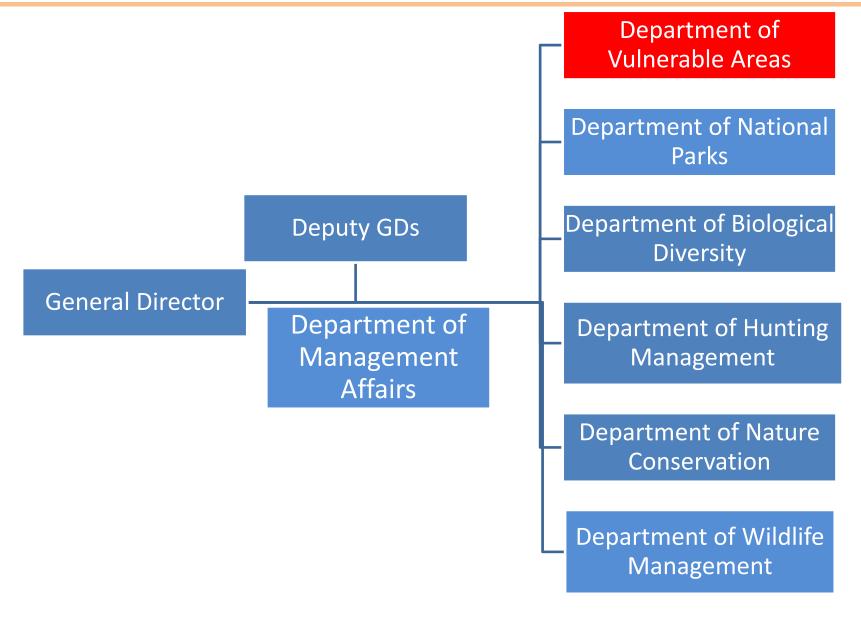






GENERAL DIRECTORATE OF NATURE CONSERVATION AND NATIONAL PARKS







Structure of the General Directorate



- Activities on strengthening the institutional capacity in the field of nature protection were held. Four departments were established within the Ministry and the regional organization of the Ministry was restructured in 2011.
- 15 Regional Directorates,
- 81 Provincial Directorates,
- 10 National Parks Directorates were established within this context.



Criteria for Protected Areas Deliniation



RESOURCES VALUES

NATURAL RESOURCES	PHYSICAL NATURAL RESOURCES VALUES	Geological – Hydrogeological Resources Values Hydrological – Climatological Resources Values								
VALUES	BIOLOGICAL NATURAL	Flora								
	RESOURCES VALUES	Fauna								
	NESCONCES VALUES	Habitat								
		Ecosystem								
		Archaelogical								
		History and War History								
CULTURAL RESOU	Ethnographic characteristics									
		Mythos								
	Architectural									
LANDSCAPE RESOURCES VALUES										
RECREATIONAL RESOURCES VALUES										



Criteria for Protected Areas Deliniation



CRITERIA			Çeşitlilik			Nadirlik (Enderlik)			Sıradışı Dağılım			Temsiliyet		Endemiklik		Doğallık			Tehlikeye Maruzluk			Bolluk			Korunabilirlik		Alternatif	Alternatif Koruma		Ekosistem	Hizmetleri		Mülkiyet			GENEL		
	DERECESİ			Yüksek	Orta	Dünva	Ülke	Bölge	Mahalli	Çok	Az	Çok	Orta	Az	Bölgeye	Ülkeye	Bakir	Onarilabilir	Onarılamaz	Yok Olabilir	Tehlikede	Hassas	Yoğun	Yeterli	Az	Rolay	Zor	Yok	Az	Yeterli	Ülke	Bölge	Mahalli	Orman	наzıne	Şahıs	TOPLA	.IVI
	PUANLAMA			3	2	1 4	3	2	1 3	3 2	1	3	2	1 3	3 2	1	4	3 2	2 1	4	3	2 1	3	2	1	3 2	2 1	3	2	1	4 3	2	1	3	2 1	L		
	i.	ABII د ERİ	Jeolojik – Hidrojeolojik Kaynaklar Hidrolojik - Klimatolojik																																			
	RLER	FiZiki TABİİ KAYNAK DEĞERLERİ	Kaynaklar						ı					ı		П				П			L					П										
	TABİİ KAYNAK DEĞERLERİ		F.T.K.D. TOPLAMI	П	T									T		П				П			Ī							ı								
	Q >	BİYOLOJİK TABİİ KAYNAK DEĞERLERİ	Flora	П	Т	Т		П	T	T			T	T		П			T	П	П	T	Т	П		T	Т	П	T	T	T	Г			T			
	Ž Ā		Fauna	П	T	T		П	T				T	T		П		T		П	T	T	T	П	1	T	T	П		T		Г			T	ı		
	KAY		Habitat	П	T			П	T							П		T		П		T	T	П		T	T			T					T			
	III	DLOJ NAK IERLI	Ekosistem	П	T	T		П	Ť					T		П		T	T	П		T	T	П	T	T	T	П		T		Т			T			
	47	BIYOLOJÍK T KAYNAK DEĞERLERİ	B.T.K.D. TOPLAMI																	П																		
		T.K.D	TOPLAMI	П		I										Ш																			I			
			Arkeolojik Yapı																																			
		Tarih ve Harp Tarihi		Ш	\perp	L	L	Ш	⊥			Ш		┸		Ш				Ш		┸	L	Ш			L	Ш	Ш			L			┸			
	KÜLTÜREL KAVNAK Etnografik Özellikler Mitoloji Mimari		Etnografik Özellikler																																			
			Mitoloji													Ш				Ш								Ш										
	K. K.D. TOPLAMI																																					
	PEYZAJ KAYNAK DEĞERLERİ																																					
	RE	GREASYONEL KAYNA	K DEĞ.																																			
	GENEL TOPLAM															Ш												Ш										

- Diversity

-Rarity

- Marginal distributions

- Endemism

-Naturalnes



PROTECTED AREAS IN TURKEY



Protected Areas	Total area (Ha)
National Parks (39)	848,202
Nature Parks (196)	90,218
Strict Nature Reserves (31)	64,242
Nature Monuments (112)	6,683
Wildlife Reserves (81)	1,191,340
Wetlands of International Importance (135),	
Ramsar Sites (14)	3,215,500



INTERNATIONAL CONVENTIONS



- Convention concerning the Protection of World Cultural and Natural Heritage (1983)
- Convention on Wetlands (RAMSAR) (1994)
- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) (1996)
- Convention on Biological Diversty (CBD)(1997)







INTERNATIONAL CONVENTIONS



- Convention on the Conservation of European Wildlife and Natural Habitats (BERN) (1984)
- The European Landscape Convention (2001)



- Barcelona Convention, Mediterranean
 Protocol Concerning Specially Protected
 Areas and Biological Diversity(1988)
- Bucharest Convention, Protocol for the Protection of Biological and Landscape Diversity in the Black Sea (2004)





Membership Responsibilities of Turkey for EU



Habitat Directive (92/43/EEC),

Birds Directive (79/409/EEC)

CITES and Relevant EU Directives (338/97/EC, 1808/2001/EC).









CASE STUDY: VALUATION OF ECOSYSTEM SERVICES IN SULTANSAZLIĞI NATIONAL PARK



- AIM: To estimate the actual and potential monetary value of Sultansazligi National Park
- First, a detailed social impact analysis is carried out. The economic dependency of different social groups to the natural landscape is determined.
- Total direct and indirect economical value: 1.35 Billion TL (in 24,000 ha wetland)
- Other than economical values, cultural, aesthetic, ethic and intrinsic values are also adressed with a detailed axiological aproach.
- The same study is also scheduled to be conducted on 15 protected areas one from each Regional Directorate in next 3 years.

