

Tajikistan Country Report for Central Asian Flyway Overview

A. Brief Introduction

The Republic of Tajikistan is situated in the Central part of Central-Asian region, and it condition the character of inhabiting, nesting, migratory and wintering Waterbirds. There are about 400 species and subspecies Waterbirds in the territory of the Republic, and 146 of them are Waterbirds. Annually, most of them migrate in autumn and spring, and for others the territory of Tajikistan is the place for wintering or the region for short stops during migration.

During last years ecological situation of the Republic is very changed, because of influence wild scale involve into production of various natural resources including wetlands.

This influenced on spreading, quantity, structure of species, and the character of wetland complex's birds. Some of them, for example, *Oxura Leucocephala* disappeared from fauna of Republic, and some of them began to appear more frequently, (*Anser erythropus*, and other).

It's natural that sciences, statements and social organizations can't pass over problems of protection migratory birds of wetland complex and that's why they support the project of Central Asian work plan for migratory route of Waterbirds and their environment.

B. National administrative structures for migratory waterbirds and wetlands

This section provides a brief overview of the national and subnational (provincial/state) administrative agencies and structures that are responsible for migratory waterbird and wetland management and conservation.

Table 1: National administrative structures responsible for managing migratory waterbirds and wetlands

Name of Agency (with contact details)	Geographic scope	Thematic Focus	Principle outputs on waterbirds and wetlands
State Committee for Environmental Protection and Forestry of Tajikistan (SCEPF) Mailing address: 50, Dehoti St., 734000, Dushanbe, Tajikistan Tel.: +(992372) 213039, 341305 Email: akarimov@tojikiston.com	Whole country	State control on rational and sustainable use of water objects, wetlands, waterbirds, and environmental protection	Elaborating legislative and normative acts concerning water objects, wetlands, waterbirds and environmental protection
Specialized state inspection for flora and fauna protection and usage (under SCEPF) Mailing address: 62, Druzhba Narodov St., 734000, Dushanbe, Tajikistan Tel.: +(992372) 252440, 252439 Email: gosim@netrt.com	Whole country	State control on rational and sustainable use of water objects, wetlands, waterbirds, and environmental protection	Elaborating normative acts concerning water objects, wetlands, waterbirds and environmental protection

C. National policy and legislation relating to migratory waterbirds and wetlands

This section provides a brief overview of the national and subnational policies and legislation that relate to migratory waterbird and wetlands. A list of regulations that relate to hunting or take of migratory species should be provided.

##	Name of Legislative and/or Normative Act	Status
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	(with details)	
1	Law "The Constitution of Republic of Tajikistan", 1994, with Amendments of 2003	Main Law
2	Law "About Nature Protection", 1993, with Amendments of 2002	Constitutional law
3	Law "About Protection and Usage of Fauna", 1994	Law
4	Law "About Protected Natural Areas", 1996	Law
5	Law "Water Code", 2000	Constitutional law
6	"Regulation on hunting and hunting facilities"	Normative act
7	"Regulation on taking licenses' issuing for migratory species, rare species and species under threats of disappearing"	Normative act

D. National government institutions involved in migratory waterbirds and wetlands research/management

This section provides a brief overview of the government institutions whose scope includes research, management, awareness-raising and conservation of migratory waterbirds and wetlands. This information will provide the basis for identification of institutions that could lead or be involved in cooperative projects.

Table 2: National government institutions involved in migratory waterbirds and wetlands research/management

Name of Institution (with contact details)	Geographic scope	Thematic Focus or programmes	Principle outputs on waterbirds and wetlands
State enterprise for specially protected natural areas " Tajik National park " (under SCEPF) Mailing address: 62, Druzhba Narodov St., 734000, Dushanbe, Tajikistan Tel.: +(992372) 251243, 251076 Email: eldar@tajik.net	Whole country	Protection and sustainable development of water objects, wetlands, and waterbirds. Implementation of state programs, projects, and strategies	State Program

E. Main non-government organizations and academic institutions involved in migratory waterbirds and wetlands research/management

This section provides a brief overview of the non-government organizations and academic bodies involved in research, management, awareness-raising and conservation of migratory waterbirds and wetlands. This information will provide the basis for identification of organizations that could lead or be involved in cooperative projects.

Table 3: Main non-government organizations and academic institutions involved in migratory waterbirds and wetlands research/management

Name of NGO, accademical institution (contact address, telephone and e-mail)	Geographical scope	Thematic Focus or programs	Principle outputs on waterbirds and wetlands
- association of specialist, ecologists of Tajikistan "Shakhin"	Republic of Tajikistan	Elaborate of protection and exploration of waterbirds' s migration projects.	Projects of biodiversity

<p>(Dushanbe, 11/8 – 68 Fedina Str., tel.: +(992372) 350740; 365349 E-mail: rustam@rs.tj</p> <p>- association for protection of forestry and wildlife.</p> <p>- The institution of zoology and parasitology Tajik Academy of Sciences (734025, Tajikistan, Dushanbe, p.o. box 70, Tel: +(992372) 318958, 414335, E-mail: abdusator.s@mail.ru</p> <p>- Biological institute of Pamir Tajik Academy of Sciences. GBAO, Khorog, Kholdorova Str., 1, tel: +(9923522) 4182, 2593, 4211</p>	Republic of Tajikistan	Elaborate of protection wetlands and waterbirds.	Projects of biodiversity
	Republic of Tajikistan	Elaborate of scientific programs of biodiversity	Issue and collect articles on biodiversity
	GBAO	Exploration of waterbirds	Issue of articles

F. International Institutions.

Main International Institutions (Conventions and agreements), which bear a relation to migration of waterbirds and wetlands.

Table 4: Main International Instruments (Treaties/Agreements) that are relevant to the migratory waterbirds and wetlands of the country

Name of international Tools	Geographical scope	Thematic Focus	Plan of realizing or strategy
Convention of biological diversity (1999)	All Republic territory	Realization of projects for protection and reproduction animal's migration	NEAP
Convention for migration of animal's species (2000)	All Republic territory	Realization of projects for protection and reproduction animal's migration	NEAP
Convention for wetlands (2000)	All Republic territory	Wetlands and inhabitants species	NEAP

G. International Programs and Activities

This discussion and table highlights each country's international waterbird program/activities/actions/projects. It should indicate the applicable geographic region, cooperating country, instrument and partners, and whether there are reports available (See Table 5).

Table 5: International activities involving the countries migratory waterbirds (initiated in or since 2000, earlier programmes may also be included)

Activity	Group of waterbirds	International partners	Principle outputs
Initiative for creation of regional national park between borders of Republic of Tajikistan, Kyrgyzstan, China, Afghanistan and Pakistan.	All waterbird's groups.	China, Pakistan, Afghanistan, Kyrgyz.	

H. List of migratory waterbirds Republic of Tajikistan.

Species	Nest in Republic of Tajikistan and migrate outside	Migrate through Republic of Tajikistan or come to wintering
Podiceps cristatus – great Crested Grebe	+	+
Podiceps nigricollis - Black-necked Grebe		+
Phalacrocorax carbo – Great cormorant		++
Phalacrocorax pugmacus – Small cormorant		++
Pelecanus onocrotalus – Great white pelican		+
Pelecanus crispus – Dalmation pelican		+
Mergus merganser – Common merganser	+	
Mergellus albellus – Smew		+
Oxyure leucocephala – White – headed duck		+
Bucephala clangula – Common goldeneye		+
Aythya nyroca – Ferruginous pochard	+	+
Aythya fuligula – Tufted duck		++
Aythya ferina – Common		++

pochard		
Rhodonessa rufina – Red-crested pochard		++
Anas clypeata – Northern shoveler		++
Anas querquedula – Garganey		+++
Anas Penelope – Eurasian wigeon		++
Anas acuta – Northern pintail		++
Marmarovetta angustirostris – Marbled duck		+
Anas strepera – Gadwall		++
Anas platyrhynchos – Mallard	+	+++
Tadorna ferruginea – Ruddy Shelduck	+	+
Melanitta fusca – White-winged scoter		+
Anser indicus – Bar – headed goose	+	
Anser anser – Greylad goose		++
Anser fabalis – Bean goose		
Anser erythropus – Lesser White-fronted goose		+
Anser albifrons – Greater – white – fronted goose		+
Cugnus olor – Mute swan		+
Cugnus cugnus – Whrooper swan		+
Fulica atra – Common coot	++	+++
Larus argentatus – Herring gull		+
Larus canus – Mew gull	+	+
Larus ichthyaetus – Pallas's gull	+	+
Larus ridibundus – Black-headed gull		+
Larus brunnicephalus – Brown-headed gull	+	
Larus genei – Slender-billed gull		++

Chlidonias niger – Black tern		+
Chlidonias leucopterus – White-winged tern		+
Chlidonias hybridus – Whiskered tern		+
Gelochelidon nilotice – Gull-billed tern	+	+
Sterna hirundo – Common tern	+++	++
Sterna albifrons – Little tern	+++	+
Hydroprogne tschegrava – Tschegrava		+

Note: + - small numerous and rare
 ++ - usual
 +++ - numerous

For Republic of Tajikistan we propose the list from 46 species of migrating waterbirds. So as the territory of Republic is located in a zone moderately – a continental climate, the part of migrate through Republic or hibernate here waterbirds, in this list, are numerous (32 species). Because of changes ecological situation in the Republic, this list can be increase or change. This table shows information only about quantity flight birds (small numerous, usual, numerous), more exact quantity is planning in future projects, so as research in this sphere was 18 years ago.

The base for information of route movement is scientific research of migration birds, which carried out in Tajikistan from 1972 to 1986 years (Abdysalyamov, Kostina, Muratov, 1986; Muratov 1989). For migrate waterbirds, in the republic exists 3 regions: The northern Tajikistan – River Valley of Sirdarya (Kairakkum and Farkhad reservoir); Central and Southern Tajikistan – River Valley of Vakhsh and main her tributary Sukhob River, and also, situated in this region, ponds of fishing industry (Kybishevskiy, Jilikylskiy) and preserve “Tigrovaya Balka”; The third region is Pamir. This region used by transmigrate birds in Autumn period only, so as in autumn lakes are frozen. The main stop region for birds exist the Pamir lakes: Karakul, Zorkul, Rangkul, Yashilkul, here during migration stop for the rest tens of thousands waterbirds.

Table 6 Main water objects, important for migratory birds.

Region	Water objects	The season of transference		
		spring	autumn	winter
Northern Tajikistan	Sirdarya River, Kairakum reservoirs Farkhad reservoirs	+	+	+
		+	+	
		+	+	
Central Tajikistan and Southern Tajikistan	Vakhsh River; Pyanj River; lakes of preserve “Tigrovaya Balka”; lakes of fishing industry reservoir of Seltur	+	+	+
		+	+	+
		+	+	+
Pamir	Zorkul lake Karakul lake Yashilkul lake Rangkul lake		+	
			+	
			+	
			+	

All indicated water objects are the main regions of reproduction migratory waterbirds in Tajikistan.

J. Waterbird's routs CAF, which demand the protection (WCC).

The Republic of Tajikistan pulls out the list of migratory bird's species, which demands a protection. The main criterions for the list are: 19 species of birds include in the Red Book of Tajikistan, which relative numbers are shortening in flights and wintering in the Republic.

The list of transmigration waterbirds species, which demands protection

Species	Nest in Republic of Tajikistan and migrate outside	Migrate through Republic of Tajikistan or come to wintering
Pelecanus onocrotalus –Great White pelican		+
Pelecanus crispus – Dalmatian pelican		+
Mergellus albellus - Smew		+
Oxyura leucosephala – White-headed duck		+
Aythya nyroca – Ferruginous pochard	+	+
Marmaronetta Angustirostris – Marbled duck		+
Tadorna ferruginea – Ruddy Shelduck	+	+
Tadorna tadorna – Common shelduck		+
Melanitta fusca – White-winged scoter		+
Anser indicus – Bar-headed goose	+	
Anser erythropus – Lesser White-fronted goose		+
Anser albifrons – Greater-white – fronted goose		+
Cugnus olor – Mute swan		+
Cugnus cugnus – Whooper swan		+
Larus Argentatus – Herring gull		+
Larus Brunnicephalus – Brown-headed gull	+	
Chlidonias Niger – Black Tern		+
Chlidonias Leucopterus – White-winged tern		+
Hydroprogne tschegrava - Tschegrava		+

K. Recommendation for improvement of protection migrated waterbirds

- Renewal of analyzing works on studying migrants with application the ringing and methods of modern (satellite) monitoring of migrants.

- Regional and interregional projects by separate species and groups of birds.
- Allocation and protection of wetlands objects, which important for reproduction, places of stops and winterings of birds
- Creation of an information database on each of species and operative interchange of information
- Monitoring for birds of passage on all region CAF
- Creation of Work Groups for threatened and more rare species of migratory waterbirds