



CONVENTION ON MIGRATORY SPECIES

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CMS SCIENTIFIC COUNCIL FLYWAYS WORKING GROUP REVIEWS

EXECUTIVE SUMMARY

OF

REVIEW 1

A REVIEW OF CMS AND NON-CMS EXISTING ADMINISTRATIVE/MANAGEMENT INSTRUMENTS FOR MIGRATORY BIRDS GLOBALLY

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1. Executive Summary

Scope of the review

Through Resolutions 9.2 and 9.13, the Ninth Conference of Contracting Parties (COP9) to the Convention on Migratory Species (CMS) established an open-ended working group on global bird flyways (hereafter referred to as the 'Flyways Working Group'), under the auspices of the CMS Scientific Council. During the inter-sessional period leading up to COP10, the working group was tasked with:

- Reviewing scientific and technical issues for conservation of migratory birds and their habitats;
- Reviewing relevant international instruments, initiatives and processes, as the basis for future CMS policy on flyways and contributing to the work on the Future Shape of the CMS.

The Flyways Working Group determined that three reviews would be required:

- **Review 1** – a review of CMS and non-CMS existing administrative/ management instruments for migratory birds globally;
- **Review 2** – an overview of scientific/technical knowledge of bird flyways and major gaps and conservation priorities; and
- **Review 3** – proposed policy options for flyway conservation/ management to feed into the future shape of the CMS.

Terms of Reference and methodology

This paper presents the findings of Review 1 for which the Terms of Reference required: “an overview of the CMS and non-CMS existing administrative/management instruments for migratory birds globally, their relative strengths and weaknesses and major geographic/species gaps” by:

- Undertaking a rapid desk study to review CMS and non-CMS publications, reviews, research papers and related documents on migratory birds, flyways and conservation initiatives;
- Communicating/conducting interviews of key persons/agencies/organisations involved with the major flyway instruments;
- Drafting and finalizing the review, through two rounds of consultation with the Working Group.

The broad approach followed by UNEP/CMS (2009) in terms of aggregating the world's major flyways has been used as the basis for this paper. Detailed scientific knowledge of flyways is being assessed through Review 2 and is not part of the Terms of Reference for Review 1. The compilers of the two reviews have consulted each other to ensure compatibility of approach.

Key findings

1. Globally, there are more than 30 different international, flyway-based instruments for the conservation of migratory birds. These range from multilateral intergovernmental treaties covering more than 110 countries, through instruments addressing the conservation of single species (or small groups of species), to voluntary, multi-sector partnerships and networks of designated sites.
2. There are many more instruments that are not flyway-based, and therefore outside the scope of detailed consideration under this review, but which nevertheless make a significant contribution to the conservation of migratory species and their habitats.
3. The effectiveness of flyway-based conservation instruments must be seen in this wider context and the multiple opportunities that exist for maximising synergy.
 - Each category of flyway-based conservation instrument and each individual instrument within a category has its own strengths and weaknesses. The appropriateness and effectiveness of each category and each individual instrument has to be assessed against a set of circumstances that is unique to the flyway, species and conservation challenges it aims to address.
4. It would therefore be much too simplistic to conclude that any one category or model of flyway-based cooperation for the conservation of migratory bird species is inherently better than any other; it is entirely dependent on circumstances.

Geographical coverage

5. Geographical coverage (on paper) is strongest in:
 - Africa – Eurasia (particularly Eurasia);
 - Americas (particularly North America);
 - East Asia – Australasia.

In these regions there is an established flyways-based approach to bird conservation that can be traced back over the course of 30 to 50 years.

6. Geographical coverage (on paper) is weakest in the following regions:
 - Central Pacific;
 - Central Asia (there is a CMS Action Plan for waterbirds that has yet to be implemented; there is also substantial overlap with the Agreement on the Conservation of African-Eurasian Migratory Waterbirds (AEWA) and the CMS Memorandum of Understanding (MoU) on Migratory Birds of Prey in Africa-Eurasia);
 - Pelagic (open ocean) flyways in the Atlantic Ocean, Pacific Ocean, Indian Ocean and Southern Ocean.

Species group coverage

7. Coverage of species groups (on paper) is strongest for:
 - Waterfowl (Anatidae);

- Shorebirds/waders (Scolopacidae);
 - Other migratory waterbirds such as divers (loons), grebes, cranes, herons etc;
 - Nearctic-breeding passerines and other landbirds that migrate to the Neotropics for the non-breeding season;
 - Raptors (particularly in Africa-Eurasia).
8. Coverage of species groups (on paper) is weakest for:
- Passerines (particularly in Africa-Eurasia and Asia-Pacific, though coverage is good for Nearctic-breeding migratory passerines in the Americas);
 - Other landbirds (with some exceptions e.g. certain species covered through bilateral treaties in the Americas and Asia – Pacific regions; also the CMS MoU on African-Eurasian birds of prey and CMS MoU on Middle European population of Great Bustard *Otis tarda*);
 - Inter-tropical and intra-tropical migrants in all regions;
 - Migratory seabirds not covered by the CMS Agreement on the Conservation of Albatrosses and Petrels (ACAP) and whose flyways at sea are only partly covered by instruments such as AEWA, or the Partnership for the East Asian – Australasian Flyway (EAAFP).

From paper to implementation

9. Extent of global flyway coverage (whether geographically, or in terms of species/species groups) is one consideration, but the crucial point is how theoretical coverage ‘on paper’ is translated into effective conservation action.
10. Among the foremost challenges confronting the majority of flyway-based conservation instruments, particularly those covering Africa, but also parts of Asia, Latin America and the Caribbean, are:
- ensuring that developing-country needs and priorities are fully integrated into the development and implementation of both new and existing instruments;
 - securing sustainable means of financial support for implementation in developing countries.
11. In comparison with those of economically developed countries, the environmental priorities of most developing countries are likely to be focused on wider sustainable development issues (rather than species conservation issues *per se*) such as:
- water and food security;
 - climate change mitigation and adaptation;
 - protection of economically important ecosystem services.
12. Instruments for the conservation of migratory bird species – whether intergovernmental or not – are likely to struggle for sufficient attention, capacity and resources unless they are explicitly linked to the wider developing country priorities outlined above. In other words, priority must be given to mainstreaming

of species conservation within the broader environment and sustainable development agenda.

13. In addition to focusing on developing-country needs and priorities where relevant to the geographical area of coverage, ‘ingredients for success’ appear to include:
 - the opportunity for all parties/partners/signatories/stakeholders to meet together on a regular basis;
 - a clear decision-making mechanism at a policy level;
 - a clear mechanism for ensuring decisions are based on the best available science;
 - clear conservation goals and objectives that are measurable/verifiable;
 - an action plan for reaching those goals and objectives;
 - an implementation monitoring plan.

The review draws additional conclusions regarding flyway-based instruments within the CMS framework and those outside.

Findings concerning instruments in the framework of UNEP/CMS

14. UNEP/CMS is widely recognised as the principal global Multilateral Environmental Agreement (MEA) for intergovernmental cooperation on the conservation of migratory species and provides a range of options for such cooperation, from legally binding Agreements (such as AEWA) to simpler, non-binding Memorandums of Understanding.
15. Other global MEAs relevant for the conservation of migratory birds and their habitats include the Convention on Biological Diversity (CBD) and the ‘Ramsar’ Convention on Wetlands. CBD provides a high-level political umbrella and a Joint Work Programme between CBD and CMS was established by CBD Decision VI/20 (COP6, 2002). The Ramsar Convention text contains specific provisions for intergovernmental cooperation on wetland-dependent species and their habitats. Like CMS, Ramsar has established a Joint Work Programme with the CBD.
16. Depending on circumstances, CMS may not necessarily provide the most appropriate or only framework for cooperation in every case. For example:
 - in cases where there is an established tradition/preference among stakeholders for a particular species/group of species, or within a particular region, for informal, partnership-based means of working (as opposed to a formalised intergovernmental approach);
 - where a habitat-led or ecosystem services-led approach, rather than a species focus, may make it more effective for CMS to work in partnership with or through other mechanisms, rather than seek to establish a CMS instrument as such.
17. The key is to be guided by an objective assessment of the conservation purpose and geopolitical/socio-economic context and to select the instrument, or combination of instruments, most appropriate for the particular circumstances. The many

opportunities for synergies to be realised through complementary, cooperative work under different instruments also need to be maximised.

18. The fact that a Range State may become a Party/Signatory to UNEP/CMS Agreements and MoUs without being a Contracting Party to CMS offers a degree of flexibility but also adds complexity that some view as undermining the overall cohesiveness of the CMS family.
19. For political reasons, some countries will not – or are highly reluctant to – participate in flyway-based instruments under the auspices of CMS. This may be a consequence of a given country not being a Party to CMS (which may itself be a consequence of wider international politics unconnected with the conservation of migratory birds), or because there is a national or regional tradition/preference for working through non-binding partnerships.
20. The increase in the number of different instruments within the CMS framework, particularly the proliferation of MoUs for single species or small groups of species during the last 15 years has – with only relatively few exceptions – not been matched by a growth in the administrative, technical and financial resources/capacity needed to secure tangible conservation impacts on the ground.

Findings concerning instruments outside the framework of UNEP/CMS

21. Instruments outside the UNEP/CMS framework can be divided into two broad categories:
 - other intergovernmental agreements (including the flyway-related provisions of the Ramsar Convention noted above and a range of bilateral treaties on migratory birds);
 - arrangements based on voluntary partnerships, with a greater or lesser degree of informality.
22. There are advantages and disadvantages of both the non-CMS alternatives listed under point 22 and these are detailed in the review. In terms of other legally binding mechanisms, it may be that issues such as geopolitical context or funding possibilities make another instrument the most appropriate choice. In relation to voluntary (non-binding) partnerships, the following strengths and weaknesses can be identified:

ADVANTAGES	DISADVANTAGES
<ul style="list-style-type: none"> • Provides the opportunity for stakeholders from all sectors (governmental, civil society, private sector, academic) to work flexibly alongside one another as equal partners. • May be a more attractive framework for financial support from the private sector, civil society and some governments/government agencies. • Potentially more flexible and dynamic 	<ul style="list-style-type: none"> • Partners (especially governments) are not formally obliged to honour any undertakings given. This could be seen as undermining long-term commitment, particularly from governments when there is a change of administration. • Implementation is not mandatory. • Accountability may be unclear.

<p>than legally binding agreements that require consensus decision making among governments and other partners/stakeholders.</p> <ul style="list-style-type: none">• A partnership approach may be more philosophically and politically palatable for some stakeholders than a legally binding approach.	<ul style="list-style-type: none">• Governmental partners may be overly reliant on non-government/private-sector partners and neglect their own responsibilities for action.
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23. In some cases, one of these established mechanisms may provide the most appropriate framework for addressing a particular conservation need. In other cases a CMS-based instrument will be more appropriate. Effective decision making will be facilitated by:

- maintaining regular, open, two-way dialogue between CMS and non-CMS approaches;
- assessing on a case-by-case basis the strengths and weaknesses of existing instruments in relation to the conservation needs and priorities of a specific flyway or population;
- identifying and acting on opportunities for synergy;
- only establishing a new instrument where it is shown conclusively that these needs and priorities cannot be met through existing instruments.

Annex – Listing of principal flyway-based instruments for conservation of migratory birds

Instrument name	Date established	Type of instrument
AFRICA – EURASIA (MULTILATERAL) (in chronological order of establishment)		
Bern Convention on the Conservation of European Wildlife and Natural Habitats	1979	Intergovernmental treaty
Agreement on the Conservation of African – Eurasian Migratory Waterbirds (AEWA)	1995 (The Hague; entry into force 1999)	CMS Agreement
Memorandum of Understanding on the Conservation of Migratory Birds of Prey in Africa and Eurasia	2008	CMS Memorandum of Understanding (MoU)
AMERICAS (MULTILATERAL) (in chronological order of establishment)		
Convention on Nature Protection & Wildlife Preservation in the Western Hemisphere	1940 (Washington; entry into force 1942)	Intergovernmental treaty
North American Waterfowl Management Plan (Canadian component = ‘Wings Over Water’)	1986 (Canada/US) 1994 (Mexico)	International action plan
Western Hemisphere Shorebird Reserve Network (WHSRN)	1986	Site-based partnership
Partners in Flight (PIF)	1990	Public/private partnership
North American Bird Conservation Initiative (NABCI)	1999	Public/private partnership based on inter-governmental agreement
North American Waterbird Conservation Plan (‘ <i>Waterbird Conservation for the Americas</i> ’)	2000	Voluntary partnership
Western Hemisphere Migratory Species Initiative (WHMSI)	2003	Public/private partnership/forum Key technical document(s): <i>International Action Plan</i> (2001)
AMERICAS (BILATERAL) (in chronological order of establishment)		

Migratory Bird(s) Convention/ Treaty	1916 (between Great Britain and US)	Intergovernmental treaty implemented via <i>Migratory Birds Convention Act</i> (1917; significantly updated 1994) in Canada and <i>Migratory Bird Treaty Act</i> (1918) in US
Migratory Bird Treaty	1932 (US & Mexico) 1972 (US & Japan) 1976 (US & Russia)	Intergovernmental treaty
AMERICAS (OTHER)		
Neotropical Migratory Bird Conservation Act	2000	Act of US Congress providing for grant funding of conservation efforts for Neotropical migrants
CENTRAL ASIA (MULTILATERAL)		
Central Asian Flyway Action Plan for the Conservation of Migratory Waterbirds and their Habitats	2005	CMS intergovernmental Action Plan
CENTRAL ASIA (BILATERAL)		
Agreement between Russian Federation and India	1984	Intergovernmental agreement
ASIA – PACIFIC (MULTILATERAL)		
Asia-Pacific Migratory Waterbird Conservation Strategy	1996 (initially 1996-2000; updated strategy 2001-2005) and 2006	Non-binding framework strategy
Partnership for the East Asian-Australasian Flyway	2006	Non-binding partnership of governments, government agencies & international NGOs

ASIA – PACIFIC (BILATERAL)		
Agreement between the Government of Australia and the Government of Japan for the Protection of Migratory Birds in Danger of Extinction and their Environment (JAMBA)	1974	Bilateral intergovernmental treaty
Agreement between China and Japan	1981	Bilateral intergovernmental treaty
Agreement between the Government of Australia and the Government of the People's Republic of China for the Protection of Migratory Birds and their Environment (CAMBA)	1986	Bilateral intergovernmental treaty
Agreement between Japan and Russian Federation	1988	Bilateral intergovernmental treaty
Agreement between Republic of Korea and Russian Federation	1994	Bilateral intergovernmental treaty
Agreement between the Government of Australia and the Government of the Republic of Korea on the Protection of Migratory Birds (ROKAMBA)	2006 (entry into force 2007)	Bilateral intergovernmental treaty
Agreement between Republic of Korea and China	2007	Bilateral intergovernmental treaty
INSTRUMENTS COVERING INDIVIDUAL SPECIES OR GROUPS OF SPECIES (MULTILATERAL) (in chronological order of establishment)		
Memorandum of Understanding concerning Conservation Measures for the Slender-billed Curlew (<i>Numenius tenuirostris</i>)	1994	MoU in the framework of CMS Article IV paragraph 4 (though link to CMS not explicit in MoU text)
Memorandum of Understanding concerning Conservation Measures for the Siberian Crane (<i>Grus leucogeranus</i>)	1998	MoU in the framework of CMS Article IV paragraph 4
Memorandum of Understanding on the Conservation and Management of the Middle-European Population of the Great Bustard (<i>Otis tarda</i>)	2000	MoU in the framework of the Convention on Migratory Species
Agreement on the Conservation of Albatrosses and Petrels (ACAP)	2001 (Cape Town; entry into force 2004)	MoU in the framework of CMS Article IV paragraph 3
Memorandum of Understanding concerning Conservation Measures for the Aquatic Warbler (<i>Acrocephalus paludicola</i>)	2003	MoU in the framework of CMS Article IV paragraph 4
Memorandum of Understanding on the Conservation of Southern South American Migratory Grassland Bird Species and Their Habitats	2007	MoU in the framework of CMS Article IV paragraph 4

Alianza del Pastizal (Alliance for the 'pastizal' grasslands)	To be confirmed	NGO-led initiative
Memorandum of Understanding on the Conservation of High Andean Flamingos and Their Habitats	2008	MoU in the framework of CMS Article IV paragraph 4
INSTRUMENTS COVERING INDIVIDUAL SPECIES OR GROUPS OF SPECIES (BILATERAL)		
Memorandum of Understanding concerning Conservation Measures for the Ruddy-headed Goose (<i>Chloephaga rubidiceps</i>)	2006	MoU in the framework of CMS Article IV paragraph 4