



# Midcontinent Shorebird Conservation Initiative

*From Flyway-scale to National level Shorebird Conservation*

*De la escala de ruta migratoria a la conservación de aves playeras a nivel nacional*



**Isadora Angarita-Martínez**  
**Midcontinent Coordinator**  
**March 19, 2026**



Arctic Migratory Birds Initiative



Conservation of Arctic Flora and Fauna



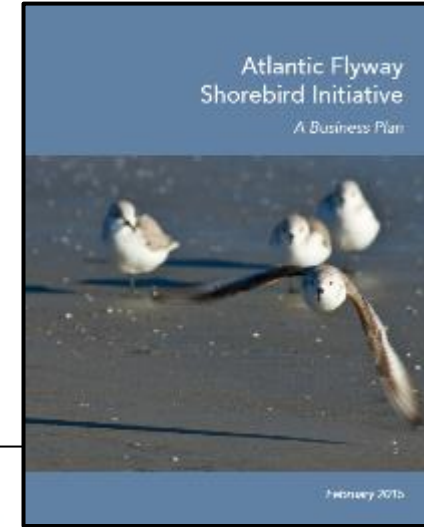
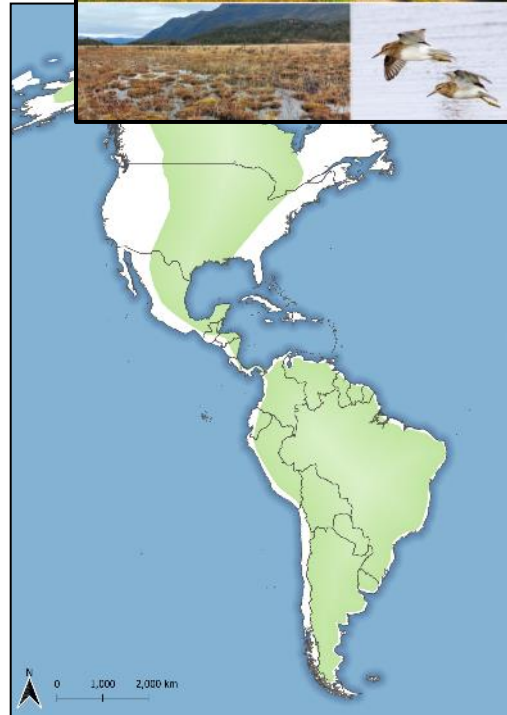
WESTERN HEMISPHERE  
SHOREBIRD RESERVE NETWORK



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada

# MSCI Fills in a Conservation Gap – *Llena Vacío de Conservación*



# What Flyway-scale Strategic Frameworks are for? – *¿Para qué los Marcos Estratégicos a Escala de Ruta Migratoria?*

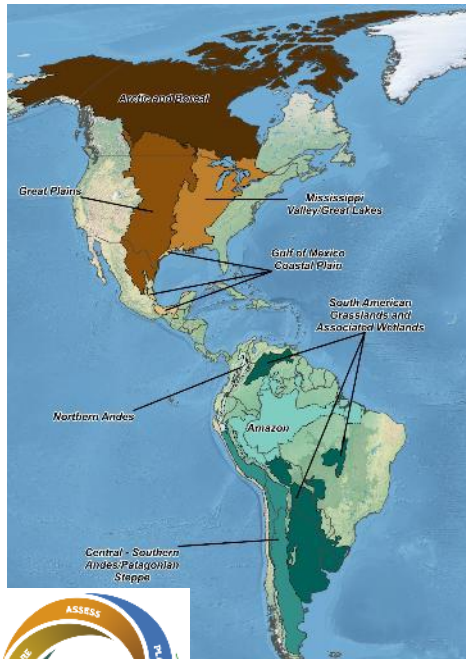
- ✓ Full Life-cycle Conservation Approach – *Enfoque de Conservación de Ciclo de Vida Completo*
- ✓ Inform conservation investment priorities – *Informan las prioridades de inversión en conservación*
- ✓ Put local action in a Flyway-scale context – *Ponen la acción local a escala de ruta migratoria*
- ✓ Facilitate collaboration at different scales – *Facilitan la colaboración a diferentes escalas*
- ✓ Conservation alignment with other agendas – *Alinean la conservación con otras agendas*



Kunming-Montreal  
**GLOBAL BIODIVERSITY FRAMEWORK**

# Process - *Proceso*

## Geographic Scope / Alcance Geográfico



## 40 Conservation targets / Objetivos de conservación



Piping Plover  
(*Charadrius melodus circumcinctus*)



Buff-breasted Sandpiper  
(*Callidris subruficollis*)



Lesser Yellowlegs  
(*Tringa flavipes*)



Diademed Sandpiper-Plover  
(*Plegornis mitchellii*)

## 7 Threats / *Amenazas*

Threat	Overall
Residential and commercial development	High
Habitat conversion and incompatible agricultural practices	High
Incompatible livestock ranching practices	High
Oil, gas and mining	High
Incompatible water management	High
Fire management and suppression	High
Climate change	Very High



## 9 Strategies / Estrategias



## Objectives / Objetivos



## Indicators / Indicadores

**Overarching goal:** By 2040, improve status of shorebird populations

**Objetivo global:** Para 2040, mejorar estado de poblaciones de aves playeras

**Full Life-cycle Conservation Approach – Enfoque de Ciclo de Vida Completo**



INICIATIVA PARA LA CONSERVACIÓN  
de Aves Playeras  
en la Ruta Mid-continental

# Conservation strategies - *Estrategias de conservación*



Strategy 1. Government capacity - *Capacidad gubernamental*



Strategy 2. Alliances - *Alianzas*



Strategy 3. Incentives - *Incentivos*



Strategy 4. Existing habitat management - *Manejo de hábitat existente*



Strategy 5. Beneficial management practices - *Prácticas de manejo beneficiosas*



Strategy 6. Knowledge gaps - *Vacíos de información*



Strategy 7. Climate resiliency - *Resiliencia climática*



Strategy 8. Education - *Educación*

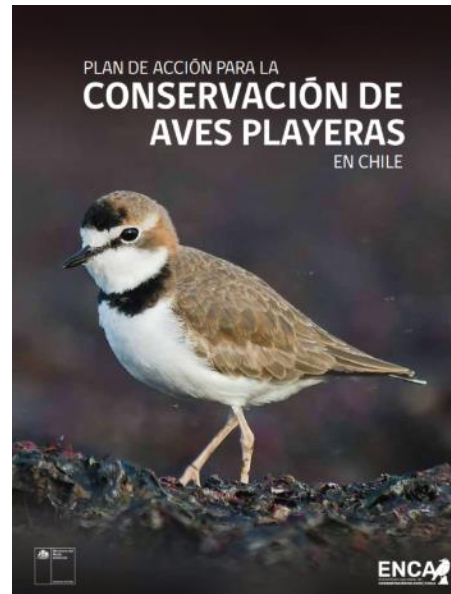


Strategy 9. Leadership - *Liderazgo*



Midcontinent  
Shorebird  
CONSERVATION INITIATIVE

# Strategy 1. Government capacity - *Capacidad gubernamental*



## Strategy 1. Government capacity - *Capacidad gubernamental*

O1.5: Mitigate threats to shorebirds and their habitats by enhancing or adopting new laws, regulations, and policies - *Mitigar las amenazas a las aves playeras y sus hábitats mejorando o adoptando nuevas leyes, reglamentos y políticas*

### LE 1: Strengthening governance and conservation mechanisms - *Fortalecer gobernanza y mecanismos para la conservación*

A1.6: Integrate the conservation needs of shorebirds and their habitats into land-use planning instruments and processes, as well as development strategies - *Integrar las necesidades de conservación de las aves playeras y sus hábitats en instrumentos y procesos de planificación territorial y estrategias de desarrollo.*

# Strategy 6. Knowledge gaps - *Vacíos de información*



The Resolution agreed to continue the work of the Americas Flyways Task Force, to coordinate the implementation of the [Action Plan for the Americas Flyways](#) and protect migratory birds and their habitats throughout the Western Hemisphere, in full alignment with the CMS Samarkand Strategic Plan for Migratory Species (SPMS).

**Strategy 6. Improve knowledge of environmental stressors' effects and address information gaps - *Mejorar el conocimiento de los efectos de los factores de estrés ambiental y abordar los vacíos de información***

O6.4: Re-assess conservation targets' population estimates, trends, and key sites - *Reevaluar estimaciones poblacionales, tendencias y lugares clave de las especies a intervalos regulares*

**LE 3: Strengthen research and monitoring - *Fomentar la investigación y monitoreo***

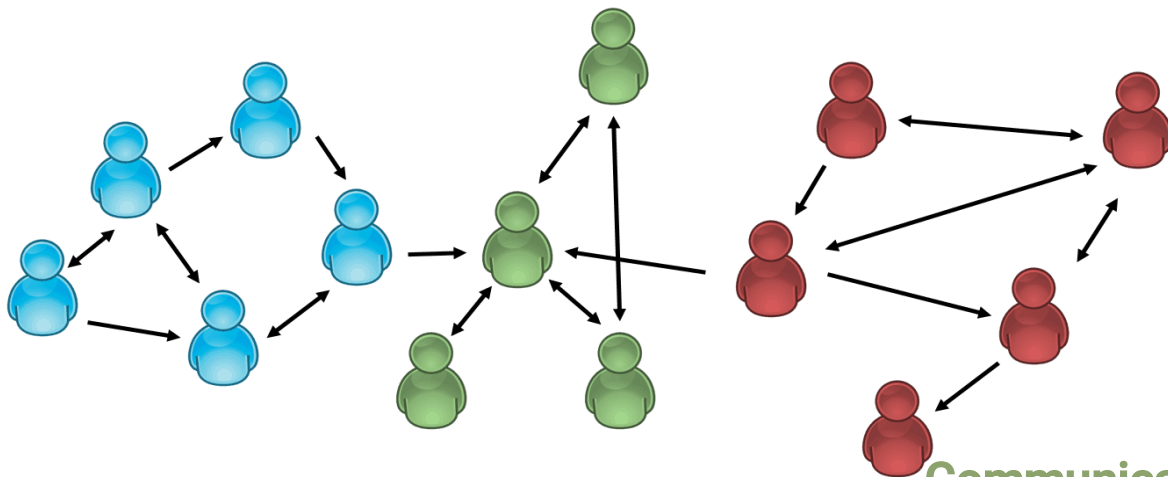
A3.13: Assess the status of all sites important for shorebirds, considering data availability, threats, and existing conservation initiatives - *Evaluar el estado de todos los sitios de importancia para aves playeras considerando la disponibilidad de datos, amenazas e iniciativas de conservación*

# Opportunities - Oportunidades

Scaling up efforts and results –  
*Escalar esfuerzos y resultados*



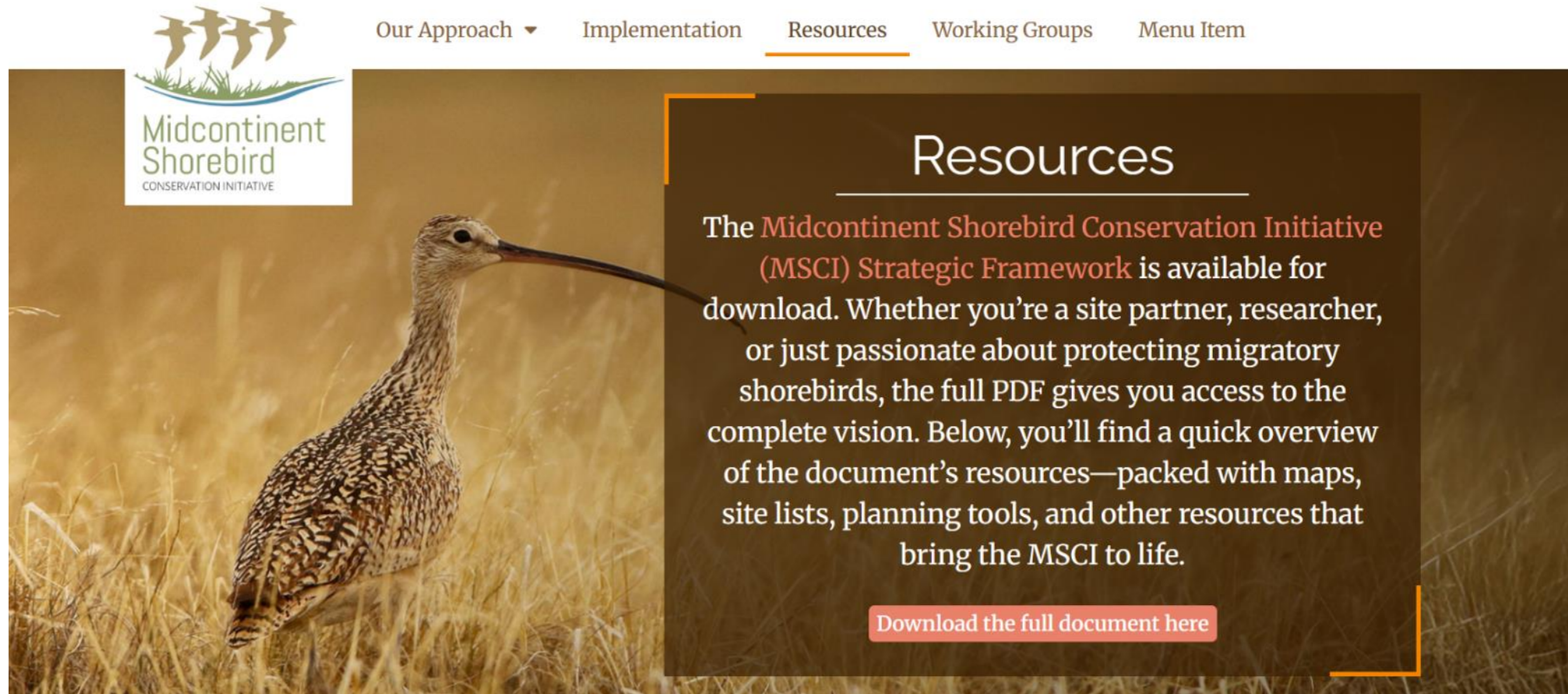
Identify opportunities and share information -  
*Identificar oportunidades y compartir información*



Communication and networking; catalyzing partnerships -  
*Comunicación y trabajo en red; catalizando alianzas*


# THANK YOU!! – GRACIAS!!

[www.midamericasshorebirds.org/](http://www.midamericasshorebirds.org/)



The screenshot shows the website's navigation menu with 'Resources' selected. The main content area features a large image of a shorebird in a field. A text box on the right provides information about the MSCI Strategic Framework document, including a 'Download the full document here' button.

Our Approach ▾ Implementation Resources Working Groups Menu Item

 Midcontinent Shorebird CONSERVATION INITIATIVE

## Resources

The **Midcontinent Shorebird Conservation Initiative (MSCI) Strategic Framework** is available for download. Whether you're a site partner, researcher, or just passionate about protecting migratory shorebirds, the full PDF gives you access to the complete vision. Below, you'll find a quick overview of the document's resources—packed with maps, site lists, planning tools, and other resources that bring the MSCI to life.

[Download the full document here](#)