



U.S. Forest Service
International Programs

2024 Monarchs & More Network Meeting

March 6, 2024

Presented by:

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U.S. Forest Service
International Programs

Supporting monarch
conservation for over
25 years

Our Goal:

An all-lands approach to prevent monarchs & other migratory species from becoming listed under the U.S. Endangered Species Act and decrease the number of species currently listed.





Forest Service
U.S. DEPARTMENT OF AGRICULTURE



30,000+ NATURAL RESOURCE SPECIALISTS



EXPERIENCE MANAGING
193 MILLION ACRES

- 154 National Forests
- 20 National Grasslands
- 1 National Tallgrass Prairie

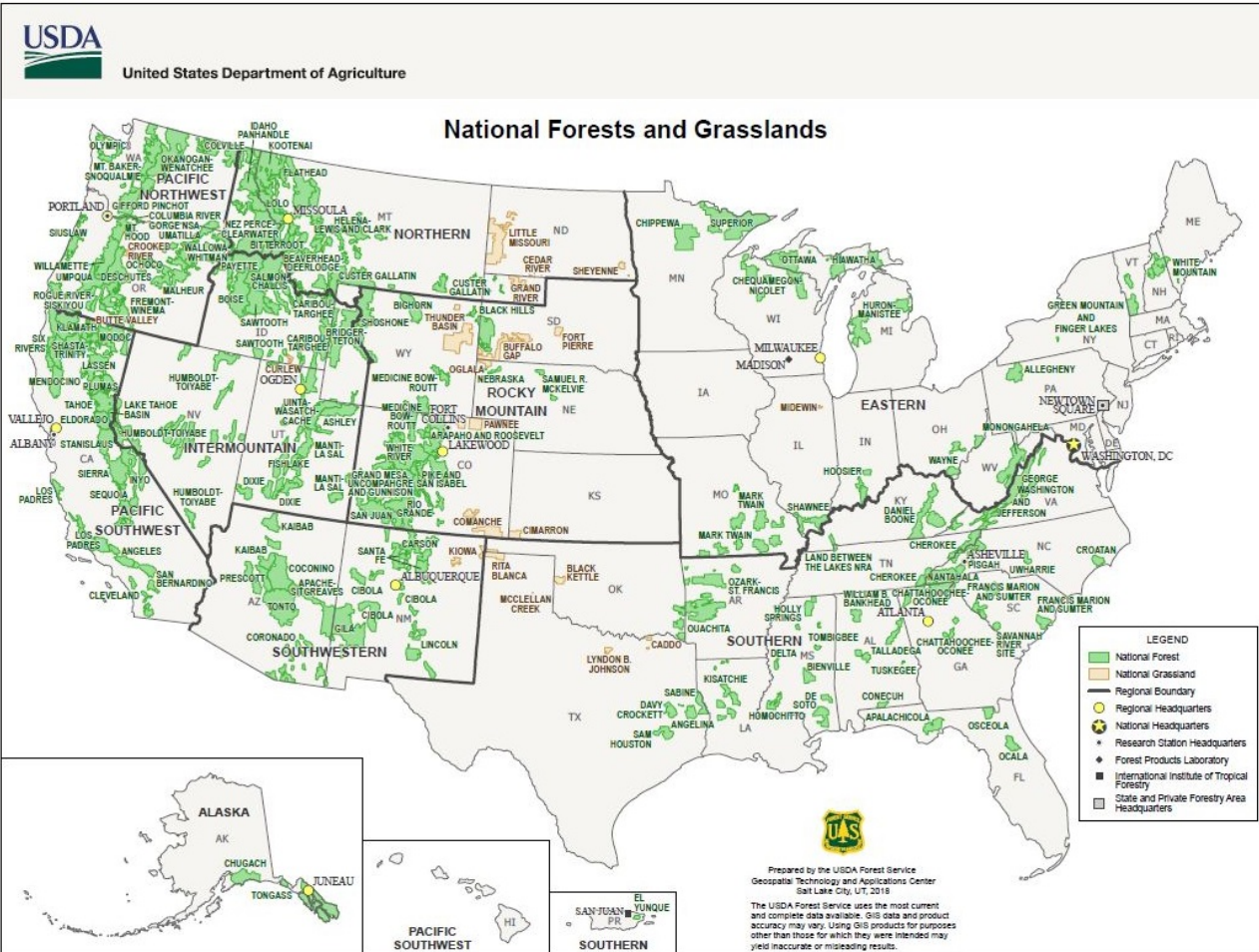


DOMESTIC & INTERNATIONAL

MISSION:

To sustain the health, diversity, and productivity of the nation's forests and grasslands to meet the needs of present and future generations

The Forest Service has worked internationally since 1902. Today, the Forest Service works collaboratively to promote sustainable forest management and biodiversity conservation in more than **90** countries around the globe.





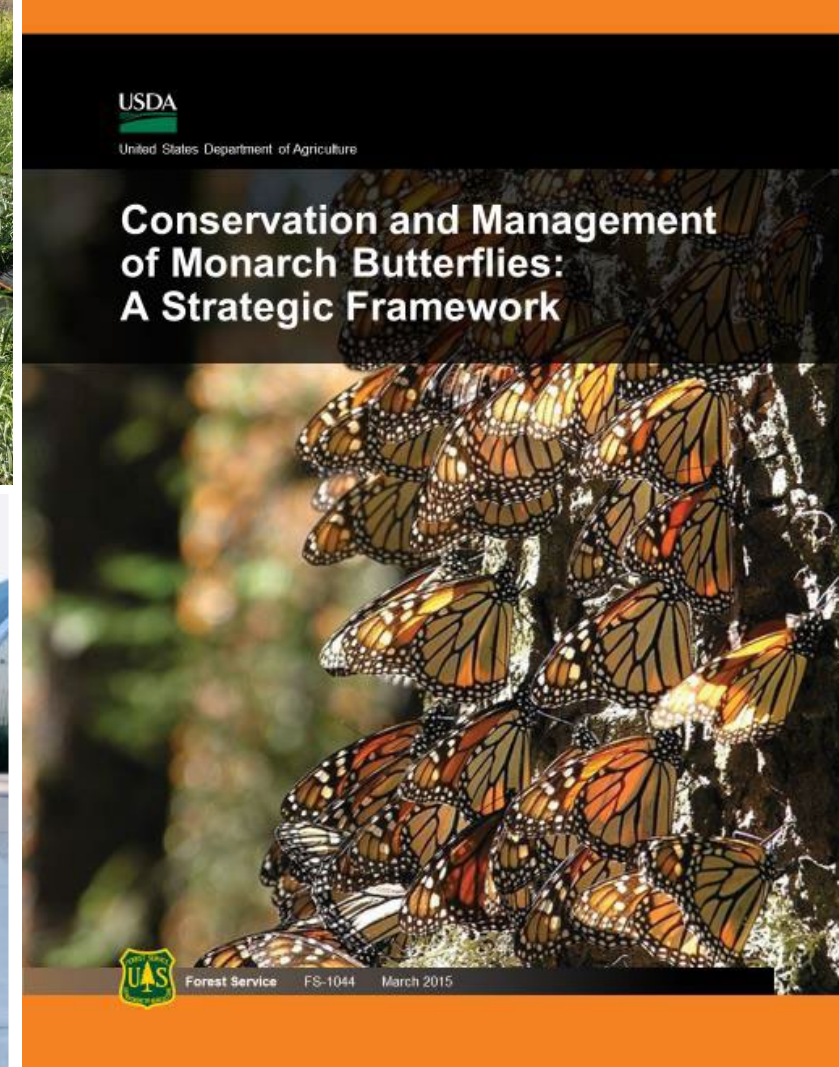
Forest Service
U.S. DEPARTMENT OF AGRICULTURE



The Forest (Service) is more than trees

U.S. Forest Service

- Landscape Restoration & Revegetation
- Wildlife & Habitat Conservation
- Research & Monitoring
- Nurseries & Seed Production
- Urban Ecosystems
- Community Science
- Outreach & Environmental Education
- Technical Exchanges & Study Tours
- Climate Change
- Community Engagement
- Public & Private Partnerships



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Forest Service
U.S. DEPARTMENT OF AGRICULTURE

Monarch Program

- Protecting & Restoring Habitat
- Supporting Educators & Communities
- Working at the International Level
- Building Networks along Flyways



Protecting Habitat & Supporting Research

- Support large-scale habitat management & conservation
- Develop best management practices that reduce threats to migratory species
- Support research & monitoring to promote science-based approaches to conservation
- Native production gardens produce seeds of milkweed, native grasses, & wildflowers
- Select native seed obtained from specialized plant nurseries from local provenance zones
- Native seed also collected from natural areas by permit
- Volunteers contribute time & labor throughout the year



File Photo: USDA Forest Service Jennifer Durkin



Supporting Educators & Communities along Flyways

- Engage urban, rural, & indigenous communities
- Support science-based education & conservation workshops for teachers, naturalists, & community members
- Provide technical support & resources to community-based NGOs
- Support community science programs to connect people with nature where they live



Working at the International Level

We provide technical support and resources for reforestation, watershed conservation, research, citizen science, monitoring, environmental education, leadership development and strengthening organizations.

Key partners include:

- Comisión Nacional de Áreas Naturales Protegidas
- Alternare, A.C.
- Fondo Mexicano para la Conservación de la Naturaleza
- Fondo de Conservación del Eje Neovolcánico
- Protección de la Fauna Mexicana, A.C.
- Universidad Michoacana de San Nicolás de Hidalgo
- The Morton Arboretum – Global Consortium for the Conservation of Oak
- WWF-Mexico
- Ecosistemica, A.C.
- Terra Peninsular, A.C.



25 Years of support to partners in Mexico





GCCO File Photo



Alternare File Photos

Conservation in the MBBR

- Support collaborations and activities at the local and regional levels with NGOs, academic organizations, & government agencies
- Community nurseries & reforestation
- Strengthening organizations & communities is fundamental

Conservation along the Migratory Flyway in Mexico

- Support organizations & programs through capacity building, environmental education, & training in monitoring
- Support groups that work in indigenous communities, *ejidos*, & urban areas
- Youth engagement & gender equity are important themes.
- Include themes such as water, public health, and education.
- Important Objective: Improving livelihoods.



File Photo: Los Ecochavos – CONANP RBSGG & Profaua. A.C.

Building Networks along Flyways

Working Together is Key!

Conservation partners extend along the flyways throughout the United States, Mexico, & Canada

- Multi-stakeholder partnership network unites government agencies, academic institutions, NGO's, private landowners, communities, & volunteers
- Habitat enhancement for monarchs & pollinators
- Community Science: Monitoring for monarchs & pollinators
- Outreach, education, & capacity Building



File Photo: USFS, Natasha Hadden Ashley NF

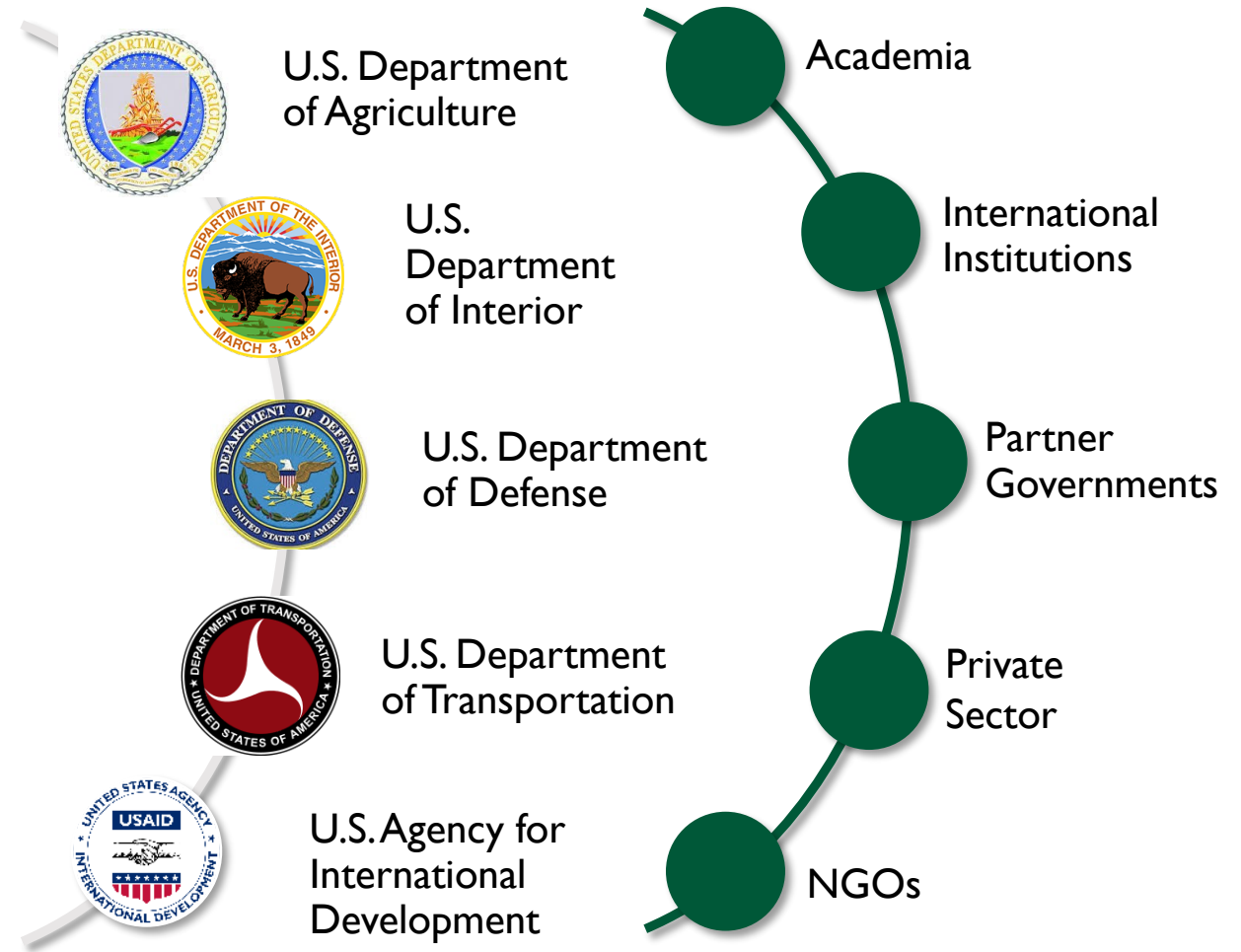


Building Networks along Flyways

Our Partners

We collaborate with international institutions, non-governmental organizations, universities, and private companies to:

- Build technical capacities
- Strengthen institutions and governance
- Develop best practices & promote cooperation between multi-sector stakeholders
- Enhance international cooperation & sharing of information



DoD Cooperation on Monarch Butterfly Conservation

Eastern & Western Monarch Flyways

Advance a coordinated and comprehensive approach for DoD's participation and leadership in monarch conservation

1. Monarch Joint Venture
2. The Xerces Society for Invertebrate Conservation
3. UIC – Rights of Way as Habitat Working Group
4. Washington State University
5. University of California - Davis
6. James Madison University
7. California Association of Resource Conservation Districts (CARCD)
8. Environment for the Americas



Contact Information

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