

# Copper River International Migratory Bird Initiative



# Winging Northward

## *A Shorebird's Journey*



**Electronic  
Field Trip  
May 8, 2002  
1:00-2:30 PM ET  
GRADES 4 - 8**

Paul Fusco, Photography

LIVE FROM CORDOVA, ALASKA'S  
COPPER RIVER DELTA  
AND FROM SINALOA, MEXICO



BROADCAST LIVE BY  
SATELLITE AND WEBCAST

Produced by the Prince William Network in Collaboration with the USDA Forest Service, the U.S. Fish and Wildlife Service, and the Western Hemisphere Shorebird Reserve Network

**MONTHLY ON-LINE STUDENT ACTIVITIES-INTERACTIVE-LIVE  
INTERDISCIPLINARY-CORRELATED TO NATIONAL STANDARDS**  
**A FREE ELECTRONIC FIELD TRIP FOR YOUR CLASSROOM!**

# Winging Northward: *A Shorebird's Journey*

Copper River Delta, Alaska



Sinaloa, Mexico



**PREPARING FOR FLIGHT** May 6, 2002 • 1:00pm -1:30pm ET  
**LIVE FLIGHT** May 8, 2002 • 1:00pm - 2:30pm ET

Get ready to take flight along side migrating shorebirds for an exciting trip to the Copper River Delta in the Chugach National Forest near Cordova, Alaska. Millions of shorebirds return to the spectacular wetlands of the Copper River Delta to rest and refuel on their long journey to the breeding grounds in western and northern Alaska.

Shorebirds are truly ambassadors to our world. Migrating to Alaska from many places, such as Mexico, Central and South America, Japan, Hawaii, and the West Coast of the United States, some shorebirds fly as many as 10,000 miles one way. However, shorebird numbers are declining and scientists are concerned about their future.

How can you bring the shorebird excitement into your classroom? *Winging Northward: A Shorebird's Journey* is a free electronic field trip that brings the birds to you! Your students will be fascinated by shorebird adaptations, their wetland habitat, and their migration flyways across international lines. No matter where they live, students will learn how public and private lands, whether a neighborhood park or national forest, provide wetland habitat and how students can help protect them in the United States and around the globe.

## PROGRAM TOPICS CORRELATED TO NATIONAL STANDARDS



### Shorebirds

Students will learn how shorebirds are adapted to live in wetland habitats and are an important part of the wetland environment.

### Wetlands

Shorebirds depend on healthy, abundant chains of wetland habitats. Students will also learn why wetlands are important to humans and how humans protect and affect wetland habitats. Wetlands are found in many places including neighborhood parks, farms, national forests and wildlife refuges in the United States and around the world.

### Migration

Students will learn that the success of a shorebird's journey depends on wetlands for wintering, migration stopovers, and nesting habitat.

### The International Connection

Your class will see how they are a part of the international connection between shorebirds, migration and wetland habitats. There are no borders to wetland and shorebird conservation. Even urban and suburban dwellers can help protect wetlands.



**WINGING NORTHWARD: A SHOREBIRD'S JOURNEY** is available by C-Band satellite and as a webcast and is free of charge to all educational institutions. To receive satellite coordinates and support materials, including an extensive study guide with pre- and post flight activities, you must register on-line at [www.pwnet.org](http://www.pwnet.org). Click on Electronic Field Trips and complete form. You will receive email confirmation of your registration. For additional information call: 800-609-2680.

## TWO WAYS TO RECEIVE PROGRAM: BY SATELLITE AND INTERNET WEBCAST

### Prince William Network

Prince William County Public Schools  
Box 389  
Manassas, Virginia 20108

**FREE**  
**To all Educational**  
**Institutions**

**Register On-Line: [www.pwnet.org](http://www.pwnet.org)**

Communication Solutions by **NEXTEL**

NON-PROFIT  
ORGANIZATION  
U.S. Postage  
**PAID**  
PERMIT NO. 58  
MANASSAS, VA 20108

Produced by the Prince William Network in Collaboration with the USDA Forest Service, the U.S. Fish and Wildlife Service and the Western Hemisphere Shorebird Reserve Network  
Special thanks to Ducks Unlimited, Pacific Northwest Research Station, U.S.D.A. Forest Service International Programs