

**COMPREHENSIVE
CONSERVATION
PLANS FOR
NATIONAL WILDLIFE
REFUGES**

PURPOSE

**Develop a Management Plan
for Refuges Dealing with:**

- Wildlife Management**
- Habitat Management**
- Public Use**
- Law Enforcement**
- Land Use**
- Management of Adjacent Land**
- Compatibility of the Public
Use With Refuge's Mission**

**COMPREHENSIVE
CONSERVATION
PLANNING
STEPS**

1. PREPLANNING

- Establish Vision and Goals**
- Determine Planning Area**
- Assemble Available Data**
 - Wildlife Populations**
 - Vegetative Communities**
 - Geology and Soils**
- Identify Data Gaps**

2. INITIATE PUBLIC INVOLVEMENT AND OUTREACH

- Federal Register Notices**
- Letters to Interested Parties**
- Press Releases**
- Public Forums**
- Invitations for Comments**

3. IDENTIFY THE ISSUES

- **Biology Issues**
 - **Threatened and Endangered Species**
 - **Other Trust Species and Priority Species**
 - **Habitat Requirements**
- **Land Management Issues**
 - **Burning**
 - **Water Control**
 - **Forest Management**
 - **Agriculture**

- **Public Use Issues**
 - **Hunting**
 - **Fishing**
 - **Wildlife Observation**
 - **Wildlife Photography**
 - **Environmental Interpretation**
 - **Environmental Education**
- **Law Enforcement Issues**
 - **Safety**
 - **Access and Trespass**
- **Research**
 - **Monitoring**
 - **Data Collection**
 - **Applied Technology**

- **Human Resources**
 - **Staffing Needs**
 - **Volunteer Program**
 - **Friends Groups**
 - **Coastal Wildlife Refuge Society**
 - **Partners**

4. DEVELOP AND ANALYZE ALTERNATIVES

- Based on:

- Public Input**
- Staff Recommendations**
- Best Available Scientific Data**
- Subject Matter Experts**

5. PREPARE DRAFT PLAN

- Determine Compatibility
e.g., Beach Access vs.
Loggerhead Sea Turtle
Nesting**
- Review Internally**
- Review By Public at Public Forums**

6. PREPARE AND ADOPT FINAL PLAN

- Public Comment Analysis**
- Public Comment Response**
- Environmental Assessment**
- Internal Review**
- Public Notice in Federal Register**

7. IMPLEMENT PLAN MONITOR RESULTS EVALUATE RESULTS

- Analyze Effects of Plan**
- Monitor Wildlife**
- Monitor Vegetation**
- Evaluate Public Use Impacts**
- Evaluate Law Enforcement**

8. REVIEW AND REVISE PLAN

-Analyze Results of Monitoring

-Revise Plan to Improve Results

e.g., Alter Frequency of

Burning or Timing of Water

Management to Change

Effects

-Revise Plan to Reflect Budget

Constraints

-Maintain Public Involvement

**PEA
ISLAND
NATIONAL
WILDLIFE
REFUGE**

BASIS FOR ESTABLISHMENT

**ESTABLISHED IN 1938 BY EXECUTIVE ORDER 7894 AS A
REFUGE AND WINTERING AREA FOR MIGRATORY BIRDS AND
OTHER WILDLIFE**

**PRESIDENTIAL PROCLAMATION 2284 CLOSED THE 25,700
ACRES TO MIGRATORY BIRD HUNTING**

HABITAT

5254 ACRES BARRIER ISLAND

- 1750 ACRES SALT MARSH**
- 166 ACRES SOUNDSIDE ISLANDS**
- 940 ACRES MAN-MADE IMPOUNDMENTS**
- 177 ACRES SALT FLATS AND PONDS**
- 260 ACRES SAND RIDGE/GRASSLAND**
- 518 ACRES BARRIER DUNE**
- 242 ACRES OCEAN BEACH**
- 649 ACRES MARITIME SCRUB/SHRUB**
- 60 ACRES SAND ISLAND SHOALS**
- 3.55 ACRES OREGON INLET GROIN**

20,446 ACRES PAMLICO SOUND

OTHER LAND USES

ADMINISTRATIVE

- 8.4 ACRES OF REFUGE FACILITIES**

EASEMENTS

- 158 ACRES HIGHWAY RIGHT OF WAY**
- 79 ACRES POWERLINE RIGHT OF WAY**

IN-HOLDINGS

- 10 ACRES OWNED BY DARE COUNTY PLUS OLD COAST GUARD STATION OWNED BY STATE**

HABITAT MANAGEMENT

ACTIVE

- 940 ACRES OF IMPOUNDMENTS WITH WATER MANAGEMENT**
- 1500 ACRES OF PRESCRIBED FIRE IN MARSH AND MARITIME SHRUB ON A THREE-YEAR ROTATION**
- IMPOUNDMENT DIKE MAINTENANCE**

PASSIVE

- NC DOT MITIGATION PONDS**
- NC DOT WETLAND MITIGATION SITE**
- SALT FLATS**

WILDLIFE, FISH & PLANTS

MIGRATORY BIRDS

- WATERFOWL**
- SHOREBIRDS**
- WADING BIRDS**
- LAND BIRDS**

MARINE MAMMALS

THREATENED & ENDANGERED SPECIES

- PIPING PLOVER**
- SEA TURTLE**
- SEABEACH AMARANTH**

INTER-JURISDICTIONAL FISH

WILDLIFE MANAGEMENT

POPULATION MONITORING

- SHOREBIRDS**
- WATERFOWL**

SEA TURTLE MONITORING

- NESTING**
- STRANDINGS**

MARINE MAMMAL STRANDINGS

PROTECTION OF BIRD NESTING SITES

- PIPING PLOVER**
- TERNS**
- AMERICAN OYSTERCATCHER**

MONITORING EFFECTS OF DREDGING & DISPOSAL

WILDLIFE EDUCATION ACTIVITIES

TEACHER WORKSHOPS

SCHOOL PROGRAMS

OUTDOOR INTERPRETIVE PROGRAMS

VISITOR CENTER

KIOSKS

REGULAR PROGRAMS

TRAILS

WILDLIFE DEPENDENT RECREATION

WILDLIFE OBSERVATION

FISHING

WILDLIFE PHOTOGRAPHY

CRABBING

OYSTERING

CLAMMING

NON-WILDLIFE DEPENDENT ACTIVITIES

PICNICKING

SWIMMING

SUNBATHING

SURFING