



IUCN-SSC Marine Turtle
Specialist Group

Research and
Management
Techniques

About
Membership
Projects
Resources

Research and Management Techniques for the Conservation of Sea Turtles

1. Overview

- An Introduction to the Evolution, Life History, and Biology of Sea Turtles (A. B. Meylan and P. A. Meylan)
- Designing a Conservation Program (K. L. Eckert)
- Priorities for Studies of Reproduction and Nest Biology (J. I. Richardson)
- Priorities for Research in Foraging Habitats (K. A. Bjorndal)
- Community-Based Conservation (J. G. Frazier)

2. Taxonomy and Species Identification

- Taxonomy, External Morphology, and Species Identification (P. C. H. Pritchard and J.A. Mortimer)

3. Population and Habitat Assessment

- Habitat Surveys (C. E. Diez and J. A. Ottenwalder)
- Population Surveys (Ground and Aerial) on Nesting Beaches (B. Schroeder and S. Murphy)
- Population Surveys on Mass Nesting Beaches (R. A. Valverde and C. E. Gates)
- Studies in Foraging Habitats: Capturing and Handling Turtles (L. M. Ehrhart and L. H. Ogren)
- Aerial Surveys in Foraging Habitats (T. A. Henwood and S. P. Epperly)
- Estimating Population Size (T. Gerrodette and B. L. Taylor)
- Population Identification (N. FitzSimmons, C. Moritz and B. W. Bowen)

4. Data Collection and Methods

- Defining the Beginning: the Importance of Research Design (J. D. Congdon and A. E. Dunham)
- Data Acquisition Systems for Monitoring Sea Turtle Behavior and Physiology (S. A. Eckert)
- Databases (R. Briseño-Dueñas and F. A. Abreu-Grobois)
- Factors to Consider in the Tagging of Sea Turtles (G. H. Balazs)
- Techniques for Measuring Sea Turtles (A. B. Bolten)
- Nesting Periodicity and Internesting Behavior (J. Alvarado and T. M. Murphy)
- Reproductive Cycles and Endocrinology (D. Wm. Owens)
- Determining Clutch Size and Hatching Success (J. D. Miller)
- Determining Hatchling Sex (H. Merchant Larios)
- Estimating Hatchling Sex Ratios (M. Godfrey and N. Mrosovsky)
- Diagnosing the Sex of Sea Turtles in Foraging Habitats (T. Wibbels)
- Diet Sampling and Diet Component Analysis (G. A. Forbes)
- Measuring Sea Turtle Growth (R. P. van Dam)
- Stranding and Salvage Networks (D. J. Shaver and W. G. Teas)

- Interviews and Market Surveys (C. Tambiah)

5. Reducing Threats

- Reducing Threats to Turtles (M. A. G. Marcovaldi and C. A. Thomé)
- Reducing Threats to Eggs and Hatchlings: In Situ Protection (R. H. Boulon, Jr.)
- Reducing Threats to Eggs and Hatchlings: Hatcheries (J. A. Mortimer)
- Reducing Threats to Nesting Habitat (B. E. Witherington)
- Reducing Threats to Foraging Habitats (J. Gibson and G. Smith)
- Reducing Incidental Catch in Fisheries (C. A. Oravetz)

6. Husbandry, Veterinary Care, and Necropsy

- Ranching and Captive Breeding Sea Turtles: Evaluation as a Conservation Strategy (J. P. Ross)
- Rehabilitation of Sea Turtles (M. Walsh)
- Infectious Diseases of Marine Turtles (L. H. Herbst)
- Tissue Sampling and Necropsy Techniques (E. R. Jacobson)

7. Legislation and Enforcement

- Grassroots Stakeholders and National Legislation (H. A. Reichart)
- Regional Collaboration (R. B. Trono and R. V. Salm)
- International Conservation Treaties (D. Hykle)
- Forensic Aspects (A. A. Colbert, C. M. Woodley, G. T. Seaborn, M. K. Moore and S. B. Galloway)

About

Vision & Mission

Structure

History

Members

Policies

Member List

Regions

Projects

Burning Issues

Red Listing

Regional Reporting

Resources

Assessments

Publications

Regional Reports



