

# Sharks

## In Perspective: From Fear to Fascination

### Fact Sheet

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#### Shark Information Web Sites

There are thousands of shark websites on the World Wide Web. Provided below is a list of websites that provide a solid introductory background to a variety of shark topics. This list should not be considered as all inclusive, nor should the listing of any site here be considered an endorsement of it, or its information, by the U.S. Department of Commerce, NOAA, the National Marine Fisheries Service, or NOAA's National Sea Grant College Program or any of their sub-agencies.

#### **NOAA FISHERIES**

– an annotated reference site of links

[www.nmfs.noaa.gov/sharks](http://www.nmfs.noaa.gov/sharks)

Sharks are a valuable part of marine ecosystems and NOAA Fisheries is committed to conserving shark populations. Sharks are vulnerable to overfishing because they are long-lived, take many years to mature, and only have a few young at a time. Recovery from overfishing can take years or decades for many shark species. Therefore, sharks need protection and NOAA Fisheries is conducting research, implementing regulations domestically, and pursuing international conservation to ensure that those shark populations that are healthy remain so and those shark populations that are overfished recover. The following Web sites provide information on a variety of shark-related topics. They can all be reached by visiting the NOAA Fisheries Shark Website at: [www.nmfs.noaa.gov/sharks](http://www.nmfs.noaa.gov/sharks)

#### **Research/Science**

NMFS Apex Predators Program in Narragansett, RI - biology, migration, habitat, tagging  
<http://www.nefscsharks.nmfs.gov/>

NMFS Shark Assessment Program in Juneau, AK – biology, ecosystem modeling  
<http://www.fakr.noaa.gov/oil/sharks.htm>

NMFS Shark Research in LaJolla, CA – biology, population assessment, genetics, habitat, tagging  
<http://swfsc.nmfs.noaa.gov/frd/HMS/Large%20Pelagics/Sharks/main%20.htm>

American Elasmobranch Society - professional society of shark researchers, managers  
<http://www.flmnh.ufl.edu/fish/Organizations/AES/aes.htm>

American Fisheries Society – policy statement on management of sharks and their relatives  
<http://www.fisheries.org/fisheries/archive/FISHMarch09-13.pdf>

Mote Marine Laboratory Center for Shark Research – research, education, and conservation  
<http://www.mote.org/~rhueter/sharks/shark.phtml>

University of Florida - biology, attacks, data collection, fishery descriptions  
<http://www.flmnh.ufl.edu/fish/Sharks/sharks.htm>

Moss Landing Marine Lab - biology, migration, tagging, fishery descriptions  
<http://color.mlml.calstate.edu/groups/ich/bajacamp.htm>

## **Tagging**

NMFS Apex Predators Program in Narragansett, RI  
<http://www.nefscsharks.nmfs.gov/>

## **Attacks**

International Shark Attack File  
<http://www.flmnh.ufl.edu/fish/Sharks/ISAF/ISAF.htm>

## **Domestic Management**

U.S. NPOA report - National Plan of Action for the Conservation and Management of Sharks  
<http://www.nmfs.noaa.gov/sfa/Final%20NPOA.February.2001.pdf>

NMFS Atlantic Highly Migratory Species (Sharks, Tunas, Billfish, Swordfish) page – Atlantic management of sharks, fishing regulations  
<http://www.nmfs.noaa.gov/sfa/hmspg.html>

NMFS Southeast Fisheries Science Center – fishery observer programs, stock assessments, logbook programs  
<http://199.242.233.4/Sustainable%20Fisheries/SustainableTabs.htm>

NMFS Southwest Regional Office Highly Migratory Species page - Pacific management of sharks  
<http://swr.nmfs.noaa.gov/fmd/hms.htm>

NMFS Southwest Fisheries Science Center - fisheries research, links to NMFS field offices  
[http://swfsc.nmfs.noaa.gov/fish\\_res.htm](http://swfsc.nmfs.noaa.gov/fish_res.htm)

University of Florida commercial shark fishery observer program -  
<http://www.flmnh.ufl.edu/fish/Sharks/csop/csop.htm>

## **International Management**

NMFS International Fisheries Division page - international agreements, NOAA Fisheries initiatives

<http://www.nmfs.noaa.gov/international.htm>

FAO IPOA - International Plan of Action for the Conservation and Management of Sharks

<http://www.fao.org/fi/ipa/manage.asp>

ICCAT - International Commission for the Conservation of Atlantic Tunas, shark bycatch data

<http://www.iccat.es/>

ICES - International Council for the Exploration of the Sea - shark research, data collection

<http://www.ices.dk/>

NAFO - Northwest Atlantic Fisheries Organization - shark research, data collection

<http://www.nafo.ca/>

APEC - Asia-Pacific Economic Cooperation - shark research, data collection, shark survey

<http://www.apec.org/>

## **Identification**

Guide to Sharks, Tunas & Billfishes of the Atlantic and Gulf of Mexico

– *COMING SUMMER 2002* A Field Guide to the Sharks Commonly Caught in Commercial Fisheries of the Southern United States

<http://www.aoml.noaa.gov/general/lib/shark.html>

## **General Education**

Tales of Whales, Turtles, Sharks, and Snails: An elementary level education handbook

<http://www.graysreef.nos.noaa.gov/tw.html>

NMFS Apex Predators Program in Narragansett, RI - biology, migration, habitat, tagging

<http://www.nefscsharks.nmfs.gov/>

University of Florida - biology, attacks, data collection, fishery descriptions

<http://www.flmnh.ufl.edu/fish/Sharks/sharks.htm>

Mote Marine Laboratory Center for Shark Research – research, education, and conservation

<http://www.mote.org/~rhueter/sharks/shark.phtml>

National Aquarium in Baltimore, MD

<http://www.aqua.org/animals/conservation/ssave.html>

**The following websites are not currently on the NOAA Fisheries Shark Website, but contain scientifically reliable information:**

Australia's Commonwealth Scientific and Industrial Research Organization – CSIRO  
<http://www.csiro.au/index.asp>

California State University, Long Beach California, Dr. Chris Lowe's Shark Research  
[www.csulb.edu/web/labs/sharklab](http://www.csulb.edu/web/labs/sharklab)

Canadian Shark Research Laboratory  
[www.mar.dfo-mpo.gc.ca/science/shark/english/index.htm](http://www.mar.dfo-mpo.gc.ca/science/shark/english/index.htm)

International Union for Conservation of Nature and Natural Resources (IUCN)  
Shark Specialist Group  
<http://www.flmnh.ufl.edu/fish/Organizations/SSG/SSGDefault.html>

The Panama City Laboratory Shark Population Assessment Group  
[www.sefspanamalab.noaa.gov/shark\\_pg.html](http://www.sefspanamalab.noaa.gov/shark_pg.html)