

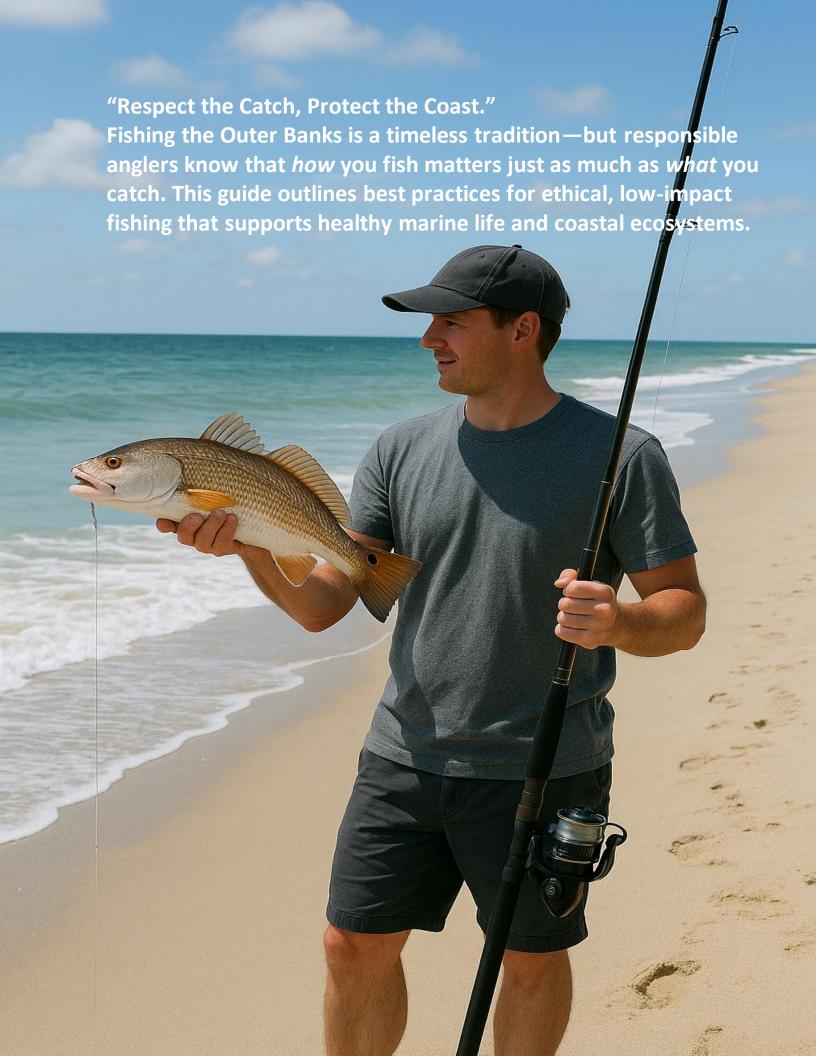
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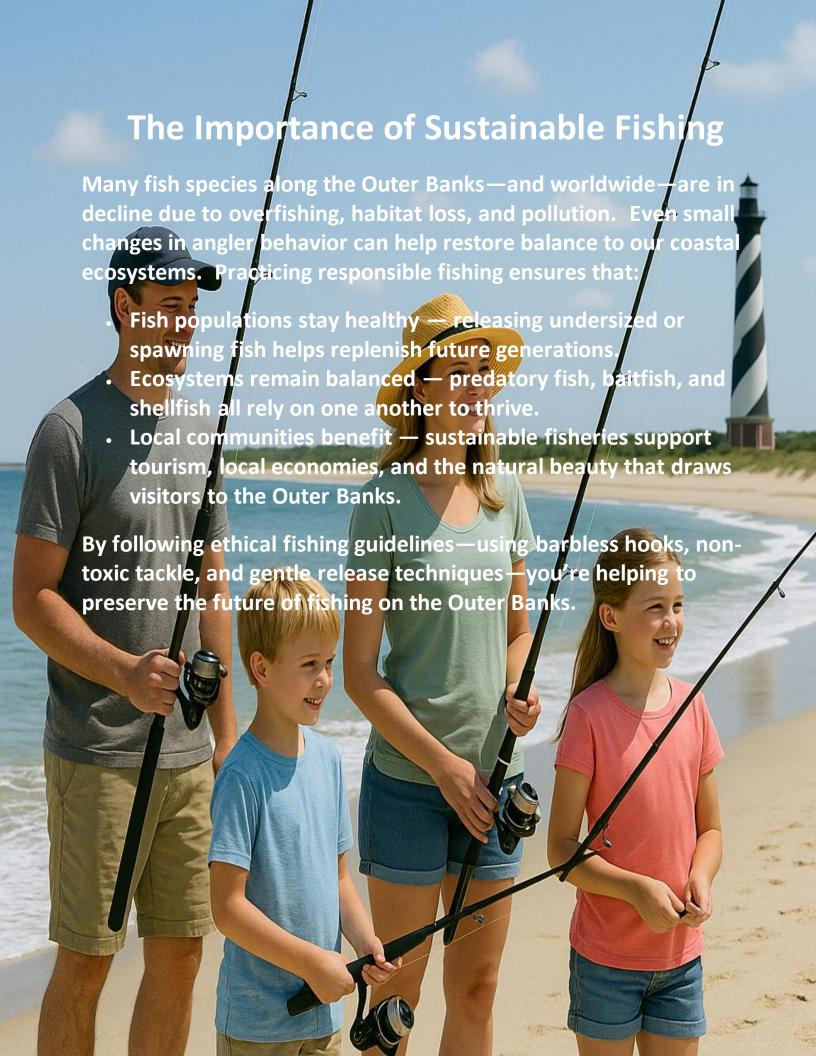
This pamphlet was created by the Outer Banks Coastal Conservation (OBCC), a nonprofit organization whose mission is to foster environmental stewardship and a deeper connection to the Outer Banks of North Carolina through outreach, education, and conservation efforts.

We believe that small stories can spark big change. That is why we have made this book available as a free resource for parents, teachers, and community members.

All materials in this pamphlet may be freely downloaded, shared, printed and used for educational or nonprofit purposes.





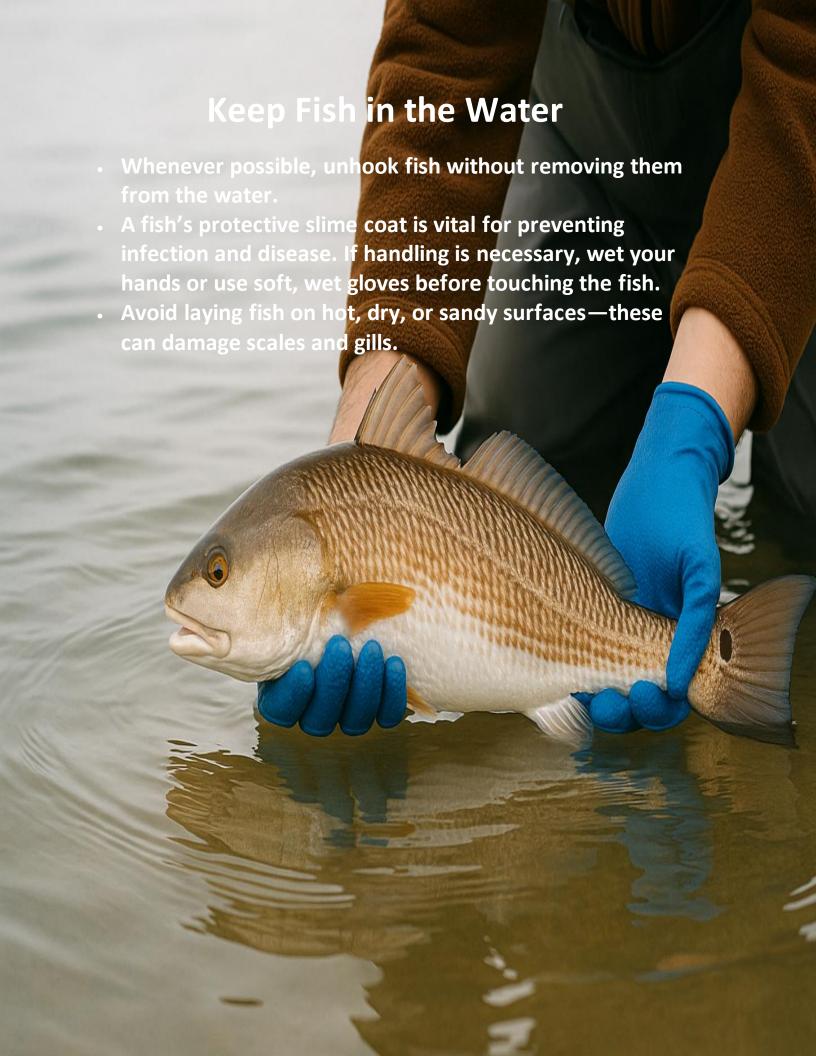


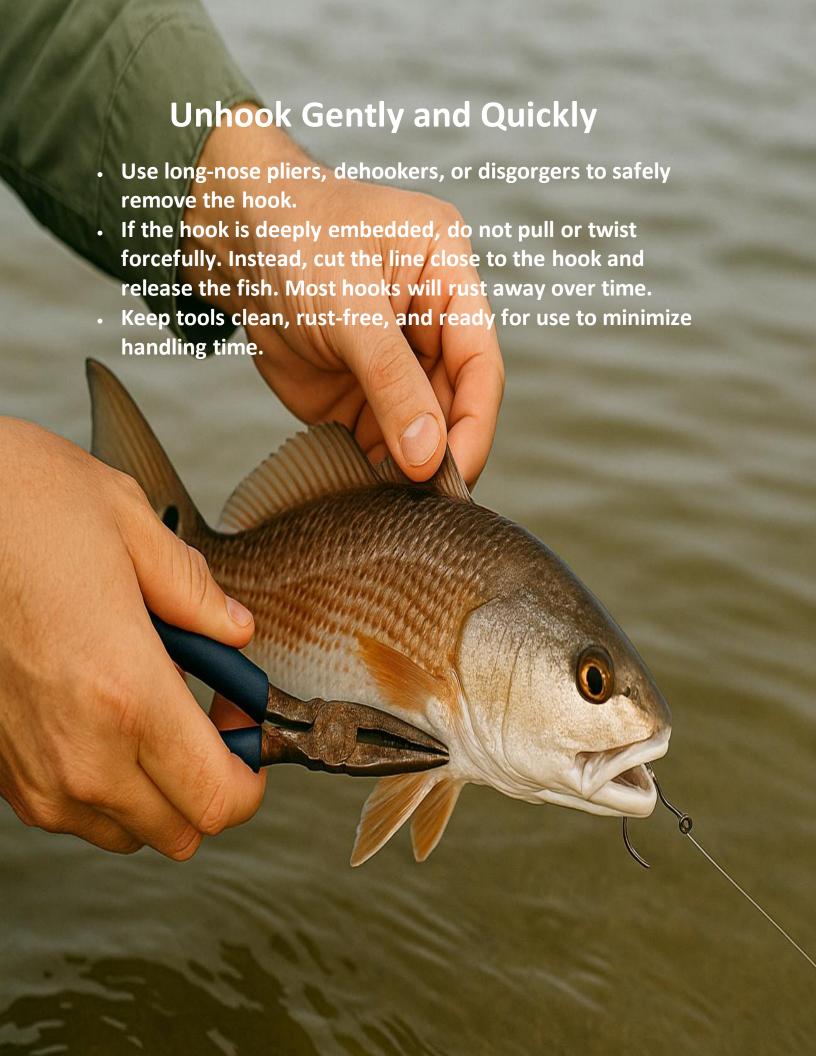
Use Fish-Friendly Gear

- Choose circle or barbless hooks. Circle hooks are more likely to catch fish in the lip rather than deep in the throat, reducing injury and making removal easier.
- Pinch barbs flat if using standard hooks—this makes release smoother and less stressful for the fish.
- Select the right tackle for your target species. Avoid oversized gear that can cause unnecessary harm.
- Avoid tackle made with toxic metals. Do not use gear containing lead or mercury, such as some sinkers, lures, or older fishing weights. These heavy metals can poison fish, birds, and other wildlife if lost in the water. Replace them with non-toxic alternatives made from steel, tin, tungsten, or bismuth.

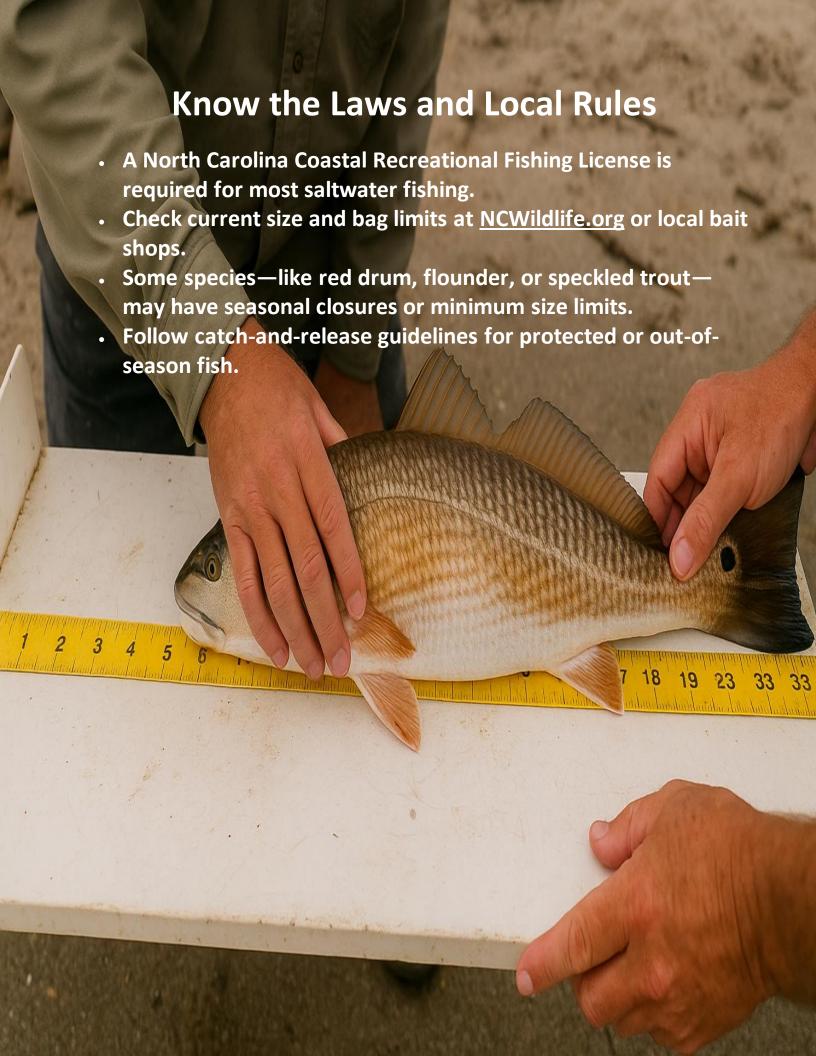
Essential Gear for Sustainable Fishing

- Barbless or circle hooks easier to remove, cause less harm
- Rubber landing nets protect scales and fins.
- Dehooking tools and pliers reduce handling time.
- Wet gloves or hands protect the fish's slime coating.
 - Measuring board quickly check size limits.

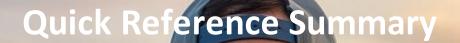












Action

Use circle or barbless hooks

Avoid gear with lead or mercury

Keep fish wet

Handle gently

Cut the line if deep-

hooked

Revive before release

Follow size and season

rules

Why It Matters

Reduces injury and improves survival after release

Prevents heavy-metal poisoning in wildlife

Protects slime coat and prevents stress

Avoids scale or fin damage

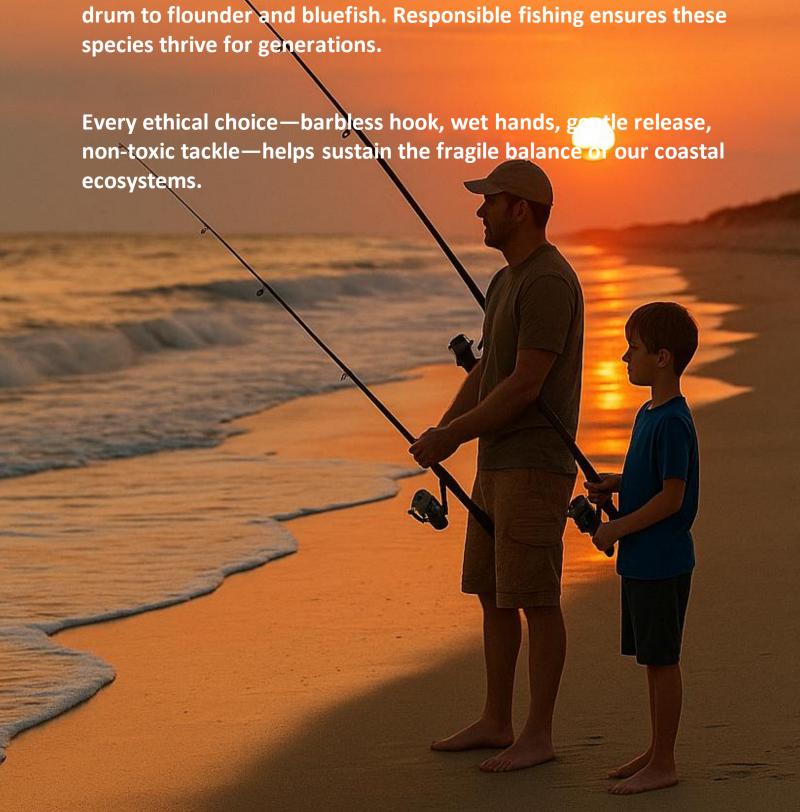
Prevents internal injuries

Ensures fish survival

Keeps fish populations sustainable



The Outer Banks' sounds, inlets, and nearshore waters are nursery grounds for countless species—from speckled trout and drum to flounder and bluefish. Responsible fishing ensures these species thrive for generations.



Responsible Fishing Facts Did You Know?

Fish can die from stress even after release. Excessive handling or keeping a fish out of water for more than 30 seconds can cause fatal stress. Always minimize air exposure.

Lead and mercury are toxic to wildlife. Lost sinkers and lures containing heavy metals can poison seabirds, turtles, and fish. Choose eco-safe weights made from tin, tungsten, steel, or bismuth instead.

The Outer Banks is a nursery for many fish species. Juvenile flounder, drum, and speckled trout grow in local estuaries and sounds. Gentle catch-and-release practices help keep these populations strong.

Monofilament fishing line never truly disappears. It can take 600 years to decompose. Always recycle line at local collection bins—many are found near OBX piers and marinas.

Time of day and temperature matter. Fish released in cooler morning or evening waters have a better survival rate than those caught under hot midday sun.

Undersized fish are the future of the fishery. Species like flounder and red drum must reach maturity before spawning. Releasing small fish helps ensure sustainable catches for everyone.

Wet hands save fish lives. A fish's slime layer acts as a natural armor against parasites and bacteria. Dry hands or towels can strip this protection away.

Healthy dunes = healthy fisheries. Coastal vegetation and living shorelines filter runoff, protect habitats, and maintain water quality that fish need to survive.

Never discard bait, hooks, or packaging. Even "biodegradable" plastics can release toxins and harm wildlife. Always pack out what you bring in.

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