



## State of the Planet

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### Web Resources on Fisheries

To accompany  
**The Future for Fisheries**  
Daniel Pauly *et al.*  
*Science* **302**, 1359-1361 (2003)  
[\[Abstract\]](#) [\[Full text\]](#)  
(from the [State of the Planet](#) series)

- [Web Sites of Interest](#)
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### Web Sites of Interest on Fisheries

#### International and Governmental Organizations

#### [The National Fisheries Institute](#)

Web site of the "leading trade association for the fish and seafood industry" includes discussion of key [environmental](#) and [fisheries management](#) issues from an industry perspective.

#### [UBC Fisheries Centre](#)

Center based at the University of British Columbia focuses on and promotes the multidisciplinary study of fisheries.

### **[U.N. FAO Fisheries Department](#)**

Information-packed online hub of the [FAO's](#) fisheries effort. Includes a "Fisheries Information Center" with links to a variety of fisheries databases, copious literature on [management](#), [socioeconomic](#), and other dimensions of fisheries, the FAO [Code of Conduct For Responsible Fisheries](#), the full text of the FAO's biennial report on the [State of World Fisheries and Aquaculture](#), and much more. Highly recommended.

### **[Oceans and Law of the Sea](#)**

From the U.N. Division of Ocean Affairs and Law of the Sea, wealth of documents, [Internet links](#), and other resources related to the implementation of the U.N.'s LOS Convention.

### **[Marine and Coastal Programme](#)**

Site of the U.N.'s [UNEP World Conservation Monitoring Centre](#) program dealing with marine environments and their conservation.

### **[Intergovernmental Oceanographic Commission](#)**

A commission of [UNESCO](#) that provides U.N. member states a mechanism for global cooperation in the study of the oceans. Includes [OceanPortal](#), a directory of Web sites related to ocean data and information.

### **[National Marine Fisheries Service](#)**

Handsome, useful site of the NOAA service includes information on [sustainable fisheries and conserving marine habitat](#), as well as links to the sites of NOAA's eight [fisheries management councils](#).

### **[European Commission Directorate-General](#)**

Includes links to a variety of [research and modeling programs](#) such as [Ecopath](#).

### **[The Sea Around Us Project](#)**

Partnership of the [UBC Fisheries Centre](#) and the [Pew Charitable Trusts](#) focused on protection of marine ecosystems and sustainable fisheries.

### **[The Center for SeaChange](#)**

Organization focused on policy solutions to protect the oceans, by promoting the recommendations of the [Pew Oceans Commission](#) and the [U.S. Commission on Ocean Policy](#).

## **Other Useful Sites**

### **[AAAS Atlas of Population and Environment](#)**

Free online version of comprehensive reference on geographic relationships between population and environment; includes a section on [meat and fish](#) covering fisheries and aquaculture issues.

### **[FishBase](#)**

Global database with "all you ever wanted to know about fishes," developed by the [WorldFish Center](#), a research center focused on fisheries and aquatic resources for developing countries.

### **[Large Marine Ecosystems of the World](#)**

Useful portal to information about productivity, fisheries resources, environmental health, and other variables for 62 marine ecosystems; from the University of Rhode Island's [Natural Resources and Environmental Management](#) group.

### **[NetFish](#)**

## for Fisheries

Includes a nice collection of [fisheries-related links](#) and detailed information on the European Union's [Common Fisheries Policy](#).

## Scientific, Advocacy, and Industry Groups

### American Fisheries Society

The oldest and largest professional society representing fisheries scientists.

### Marine Conservation Biology Institute

A scientific and conservation advocacy organization. Site includes an extensive collection of [Web resources](#) related to marine conservation biology.

### Pacific States Marine Fisheries Commission

Consortium's Web site includes headquarters of its [Fisheries Economics Data Program](#), featuring [links of interest to fisheries economists](#).

Nicely designed database of links to fisheries-related Web sites, from [Netfisco Foundation](#), a nonprofit fisheries consulting group based in the Netherlands.

### Sustaining Marine Fisheries

Online edition of a 1999 report from the [Ocean Studies Board](#) of the National Research Council.

### Marine Biodiversity: Patterns, Threats and Conservation Needs

A 1997 report from the [Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection](#) (GESAMP), a consortium of U.N. organizations.

## Selected Previous *Science* Articles on Fisheries

### Science Special Issues

#### Special Issue: Human-Dominated Ecosystems

24 July 1997; v. 277, no. 5325

Includes several news and review articles of fisheries interest, along with other stories and papers on the biodiversity and ecosystem impacts of human activities.



#### **Equivalence in Yield from Marine Reserves and Traditional Fisheries Management**

Alan Hastings and Louis W. Botsford  
*Science* **284**, 1537-1538 (1999)  
[\[Abstract\]](#) [\[Full text\]](#)

#### **Principles for Sustainable Governance of the Oceans**

Robert Costanza *et al.*  
*Science* **281**, 198-199 (1998)  
[\[Abstract\]](#) [\[Full text\]](#)

#### **Fishing Down Marine Food Webs**

Daniel Pauly *et al.*  
*Science* **279**, 860-863 (1998)

## Other Science Articles

### Sustaining Fisheries Yields over Evolutionary Time Scales

David O. Conover and Stephan B. Munch  
*Science* **297**, 94-96 (2002)

[\[Abstract\]](#) [\[Full text\]](#)

### Bigger Populations Needed for Sustainable Harvests

Katie Greene  
*Science* **296**, 1229-1230 (2002)

[\[Summary\]](#) [\[Full text\]](#)

### Effects of Marine Reserves on Adjacent Fisheries

Callum M. Roberts *et al.*  
*Science* **294**, 1920-1923 (2001)

[\[Abstract\]](#) [\[Full text\]](#)

### Humans as the World's Greatest Evolutionary Force

Stephen R. Palumbi  
*Science* **293**, 1786-1790 (2001)

[\[Abstract\]](#) [\[Full text\]](#)

### Historical Overfishing and the Recent Collapse of Coastal Ecosystems

Jeremy B. C. Jackson *et al.*  
*Science* **293**, 629-637 (2001)

[\[Abstract\]](#) [\[Full text\]](#)

### Eutrophication, Fisheries, and Consumer-Resource Dynamics in Marine Pelagic Ecosystems

Fiorenza Micheli  
*Science* **285**, 1396-1398 (1999)

[\[Abstract\]](#) [\[Full text\]](#)

[\[Abstract\]](#) [\[Full text\]](#)

### Reversal of the Burden of Proof in Fisheries Management

Paul K. Dayton  
*Science* **279**, 821-822 (1998)

[\[Summary\]](#) [\[Full text\]](#)

## From the JSTOR Archive

### Achieving Sustainable Use of Renewable Resources

A. A. Rosenberg *et al.*  
*Science* **262**, 828-829 (1993)

[\[PDF\]](#) (0.6 MB)

**Note:** The high-quality PDF file above, which we are making available to all users, is from the *Science* Magazine archive developed by [JSTOR](#). Individual members of AAAS receive, as a member benefit, free access to the entire JSTOR *Science* Magazine collection. Coupled with the offerings of *Science* Online, that means access to every issue of *Science* ever published -- from the 1880 debut issue, all the way to this week's edition. For information, visit our [AAASMember.org](#) membership portal.

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