

Primary Sources

**Allen, Mike S. “Managing Bass Fisheries with Size Limits.” *Bassresource.com*,
www.bassresource.com/fish_biology/selective_harvest.html.**

Mike Allen’s article describes a study in which game and fish officers examine the management of fisheries, particularly fisheries with slot limits. These are regulations that set a minimum and a maximum in which fish that are inside that measurable “slot” can be kept and others must be released. It also includes how catch and release plays a part in releasing those fish that do not make the size limit. This information was used to describe how catch and release can be used as a management technique on certain bodies of water.

“AnimalRightsUncompromised: Catch-and-Release Fishing.” *PETA*, 24 June 2010, www.peta.org/about-peta/why-peta/catch-and-release-fishing/.

People for the Ethical Treatment of Animals’ (PETA) article gives an opposing perspective on the possible negative effects of catch and release fishing. I used this article on my website to give both sides allowing me to describe why some people are against catch and release practices.

Bardos,Istvan.“FishingLegendBillDanceHelpsKidsLearnHowToFish.”localmemphis.com, WATN,6May2017,www.localmemphis.com/article/news/local/fishing-legend-bill-dance-helps-kids-learn-how-to-fish/522-fa355450-77f8-4538-94d0-144847a5bb80.

This video shows Bill Dance teaching kids how to fish and the importance of doing such for conservation and allowing the sport to continue. I used this on my “Bill Dance” page on my website to illustrate this.

“Bass after Being Released.” *Western Bass*, westernbass.com.

The fishing organization Western Bass’s photograph shows bass right after being released in a fishing tournament. I used this photo to show a bass right after a tournament, illustrating catch and release.

“Bass Being Released.” *National Parks Service*, nps.gov.

The National Parks Service photograph shows correct techniques being practiced by an angler when releasing a bass. On my website, this photo was used as a visual aid to display how effective catch and release can be when done properly.

“Bass in a Livewell.” *B.A.S.S.*, bass.com.

This picture shows bass in a livewell at a bass fishing tournament. This allowed me to illustrate the advancements of technology in the recreational fishing industry from crude handmade livewells to a livewell in almost every boat on the market today.

“Bill Dance Bass Fishing.” *Bill Dance Outdoors*, billdanceoutdoors.com.

Bill Dance Outdoors’ photograph shows Bill Dance bass fishing on one of his popular TV shows. I used this photo as a visual aid on my website on the Bill Dance Page.

“Bill Dance Holding a Bass.” *Bill Dance Outdoors*, billdanceoutdoors.com.

Bill Dance Outdoors’ photograph shows him holding a bass on one of his TV shows. On my website, I used this photo as a visual aid and to illustrate proper fish handling techniques.

Bryan, K. A. “An Investigation of Some Factors Influencing the Performance of a Recreational Trout Fishery.” *British Ecological Society*, 1982.

A study in the early 1980s by the British Ecological Society shows some of the natural and man-made factors that can influence the quality of a recreational fishery. This allowed me to describe how catch and release can be a major factor in the amount and quality of fish that come out of a recreational fishery.

**“Catch and Release Fishing.” *National Parks Service*, U.S. Department of the Interior,
www.nps.gov/subjects/fishing/catch-and-release-fishing.htm.**

This website article describes the proper way, according to the National Parks Service, to pick up, handle, and release a fish causing the least amount of stress as possible. This allowed me to describe how awareness of catch and release has spread, through the National Parks Service encouraging anglers to implement catch and release techniques.

“Catch&Release...HowItAllBegan.” *BillDanceOutdoors*,www.billdanceoutdoors.com/bills-blog__2.php?p=406.

Bill Dance is one of the best known and most influential bass fishermen of all time. This article lists many of his “catch and release tips” that he uses to ensure a healthy release. It allows me to demonstrate the influence of Bill Dance on the industry of recreational fishing.

**“Catch and Release: The Way It Was Intended - FLW Fishing: Articles.” *FLW Fishing*,
www.flwfishing.com/news/2000-05-01-catch-and-release-the-way-it-was-intended.**

Fishing League Worldwide’s article describes the way catch and release became integrated into their tournament format and the changes they have implemented to better fish health. This information was used on the Link to Today Page of my website to describe some of the other tournament formats and how they implement catch and release.

Clymer, Adam. "Learning Not to Let Go: Hatchery's Salmon Are Fair Game on Ireland's Northwest Coast." *New York Times*, 2011, pp. SP 8-SP 8.

Adam Clymer's gave a perspective from a fisheries biologist on anglers keeping fish and how it can be beneficial in some situations. He also describes how it can be difficult for anglers to adapt to keeping these fish. This provided me with an example to use on my website of anglers having to adjust to keeping fish for the benefit of a fishery.

"Competition and Conservation: Bass Tournaments Popularize a Fishery." *Natural Resources News*, news.maryland.gov/dnr/2018/03/30/competition-and-conservation/.

The Maryland Department of Natural Resources's website showed how the rapid growth and popularity of catch and release fishing tournaments directly correlate to the health of individual fish and the body of water as a whole. I used this information to explain the impact of catch and release and the growth of the sport over the last 30 years.

Ditton, Robert B. "Recreational Fishing as Tourism." *Human Dimensions*, 2002.

This report by Robert B. Ditton describes the frequency that anglers travel to different states to fish, while also including a great deal of other industry specific information. This information was useful by allowing me to show how big of a market recreational fishing has grown into for me to compare with the evolution of catch and release techniques on my Link to Today Page.

“Fishing.”*PETA*,24June2010,www.peta.org/issues/animals-in-entertainment/cruel-sports/fishing/.

PETA’s article has an opposing viewpoint to catch and release, making the case that recreational fishing is an act of animal abuse and cruelty. This information was used on my website to describe techniques that are detrimental to fish health.

Fleming, Deirdre“**Why Catch-and-Release Is Killing, Not Conserving, Maine Fisheries.**”
PressHerald,11Aug.2019,www.pressherald.com/2019/08/11/why-catch-and-release-is-killing-maine-fisheries/.

Deirdre Fleming’s article includes a primary source study that displays that catch and release to a certain extent can be harmful with a large population of fish with small amounts of food and space. This allowed me to explain how important state game and fish departments are to setting the regulations to allow for optimal recreational opportunities.

“FLWCatchandRelease.lakerecord.net/2018/07/19/the-possibility-of-bass-and-flw-moving-to-catch-weigh-release-tournaments/”

The article by Fishing League Worldwide discusses how the FLW Tournament Series might change the current bass fishing tournament format to benefit the health of the fish. I used this as a link to today on my website by showing that the sport is always evolving to take better care of the fish.

Gardner, Allen. "Proper Catch & Release." *The Hatch and the Catch*. com, 0AD, the catch and the hatch.com/proper-catch-release/.

This photograph shows a trout being released. I used this picture on the homepage of my website showing proper catch and release techniques.

Gilliland, Gene, et al. "KEEPING BASS ALIVE: A Guidebook for Anglers and Tournament Organizers." *B.A.S.S.*, 2002, nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=22195&inline.

Author and bass fisherman Gene Gilliland gives tactics and tips on how tournament organizers adjust for the healthiest fish release possible. He also includes information to help anglers increase a fish's chance of survival. I used this information to compare the practices of the early catch and release tournaments with those of today.

Grisswell, Robert and William, J Liss. “Values Associated with Management of Yellowstone Cutthroat Trout in Yellowstone National Park.” Wiley for Society for Conservation Biology, 1995.

This study on the Management of Yellowstone Cutthroat Trout in Yellowstone National Park was useful to me because it represents a well known recreational fishery that was very successful in implementing various catch and release practices to protect the native fish. It also describes that in some cases killing certain fish, for example invasive species, is more beneficial for the environment. I used some of this information on my website to describe how catch and release has changed to become more effective since the 1940s.

Hoover, Chad. “How a Catch, Photo and Release Tournament Works | Kayak Bass Fishing.” *You Tube*, YouTube, 1 Feb. 2019, www.youtube.com/watch?v=noP_ECByNpc.

Chad Hoovers’ video on how a catch, photo, and release (CPR) tournament works and describes an increasingly popular way to participate in fishing tournaments while allowing for a quicker and healthier release for the fish. This information was used to describe another way the recreational fishing industry has adapted to promote current catch and release tactics.

**“HowtoCatch&ReleaseFish(Safely&Responsibly).”*AnglingUnlimited,anglingunlimited.com*
*/fishing/catch-release-properly/.***

Angling Unlimited’s article describes, in detail, the best technique to properly release a fish. I used this information to explain proper release techniques and how effective catch and release is not detrimental to the health of the fish. This information was used on my Link to Today Page to illustrate some of the newest and effective practices.

**“HowtoSafelyCatchandRelease.”*NationalParksService,U.S.DepartmentoftheInterior,www.*
*nps.gov/subjects/fishing/how-to-safely-catch-and-release.htm.***

The National Parks Service describes techniques that anglers can use to help improve the odds that a released fish will survive. This information was made widely available to fishermen, most often in National Parks, to better inform fishermen on updated catch and release practices. I used this source to gather pictures for my website demonstrating some of the newest techniques in catch and release.

Hughes, Robert M. “Recreational Fisheries in the USA: Economics, Management Strategies, and Ecological Threats.” *SpringerLink*, Springer Japan, 28 Oct. 2014, link.springer.com/article/10.1007/s12562-014-0815-x.

Hughes’ report describes some of the major fish management strategies, including implementing catch and release rules, that are commonly used across the country. He also mentions some of the natural and manmade threats to fisheries. I used this information to describe how management techniques have changed over time to continually reduce the unintentional mortality rates of fish.

Johnson, T H, and T C Bjornn. “EVALUATION OF ANGLING REGULATIONS IN MANAGEMENT OF CUTTHROAT TROUT.” *Idaho Fish and Game*, 1978.

This study describes how implementing regulations can affect bodies of water and the fish they contain. This information was used on my website to describe how regulation changes are specific to each body of water because of other factors like the number of anglers, size of fish, other species of fish, etc.

“KEEPEMWET FISHING.” *KEEPEMWET FISHING*, www.keepemwet.org/#movement.

This website gave information on the “KEEP EM WET” organization and how they are pushing for anglers to minimize fish exposure to the air as well as using rubber mesh nets to protect the fish. I used this information to provide an example on my website of an organization that is spreading awareness to conserve and protect natural resources.

“Keeping Bass Alive.” *Bassmaster*, www.bassmaster.com/tips/keeping-bass-alive.

Bassmaster’s article allowed me to explain more of the practices that are being used by professional bass fishermen to ensure the health of their fish and allow them to later be released. It also allowed me to mention some of the possible techniques that could be implemented in the near future.

“Keep Your Catch Alive Patch.” *Bassmaster*, 0AD, www.bassmaster.com/tips/keeping-bass-alive
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This picture shows the patch that was given to Bass Anglers Sportsman Society (B.A.S.S.) members to support the Keep Your Catch Alive campaign. This was used as a visual aid on my website.

Kelley, Nick. “Catch and Release with the World’s Best Bass Fishermen.” *Outside Online*, 10 July 2019, www.outsideonline.com/2318076/catch-and-release-worlds-best-bass-fisherman.

Nick Kelly’s article gave a detailed description of a typical bass fishing tournament and the practices of professional bass fishermen. This information was used on my website to illustrate the techniques professional bass fishermen are using to keep fish alive.

Lamb, Craig. "B.A.S.S. Historical Timeline." *Bassmaster*, www.bassmaster.com/news/bass-historical-timeline-0.

This timeline on Bassmaster's tournament history was very useful in describing significant events during the history of the B.A.S.S. organization. This includes things such as the first allowed catch and release tournament or the first Bassmaster Classic that catch and release was used in. This information was used to describe the early history of B.A.S.S. and how the organization has developed over time.

Landres, Peter. "The Wilderness Act and Fish Stocking: An Overview of Legislation, Judicial Interpretation, and Agency Implementation." Springer, June 2001.

This website focuses on more recent legislation that has had an impact on catch and release fishing. This source was used to explain some of the laws in place that directly affect catch and release. I used it on my Link to Today Page as lawmakers become increasingly aware and concerned with the conservation of fisheries.

Landsman, Sean. Personal Interview. 08 October 2019.

I conducted a personal interview with Sean Landsman, a masters candidate in Environmental and Interdisciplinary Science at Carleton University in Ontario, who described some of the factors biologists are looking for in order to determine regulations and how catch and release has changed in the public eye over time. I used this information as statistics on my Link to Today page as well as to describe catch and release from a scientists perspective.

Lennox, Robert. Personal Interview. 27 October 2019.

My interview with Robert Lennox, a researcher at the Laboratory of Freshwater Ecology and Inland Fisheries (LFI) in Norway, was very useful in describing catch and release fishing outside of the United States. He was helpful because he suggested other professionals to contact in regards to the topic such as renowned angler Joan Wulff.

Maynard, George A, et al. "Post Tournament Release Movements of Black Bass in Lake Champlain." Lake Champlain Research Institute , Oct. 2013.

This study describes the movements of black bass after a tournament release in Lake Champlain, Michigan. This report was useful by allowing fisheries professionals to recommend improvements that can be made for future tournaments, for example where to release fish in a well populated bass fishery.

Monahan, Phil. “Podcast: When You Catch and Keep, with Steven Rinella, A.k.a. the MeatEater.” *OrvisNews*, 31 Aug. 2018, news.orvis.com/fly-fishing/podcast-catch-keep-st-even-rinella-k-meateater.

Monahan, an author at Orvis, and Rinella, a popular hunting and fishing author and podcast host, discuss how keeping some fish in conjunction with catch and release fishing can result in healthier and larger fish populations. The podcast also gave me an example of a fisherman's perspective on effective management practices and resource conservation.

Monahan, Phil, director. *OrvisNews*. *OrvisNews*, 9 Dec. 2019, news.orvis.com/fly-fishing/video-lee-wulff-and-curt-gowdy-catching-huge-labrador-brook-trout.

This video shows Lee Wulff and Curt Gowdy fly fishing for brook trout in 1986 Minipi River, Labrador. Wulff also describes how the brook trout are an important natural resource that need to be preserved. Lee Wulff then describes how he thought about preserving fish and presented the idea to others. I used this information to describe why Lee Wulff thought catch and release was important and how he thought he could fix it.

“Ray Scott Looking at a Bass.” *Bassmaster*. [bassmaster.com](https://www.bassmaster.com)

This photograph shows Ray Scott looking at a bass through a tank at the Florida National, bass fishing tournament, in 1972. I used this photo to show the very first catch and release tournament.

Roger A. Barnhart (1989) Symposium Review: Catch-and-Release Fishing, a Decade of Experience, North American Journal of Fisheries Management, 9:1, 74-80, DOI: 10.1577/1548-8675(1989)009<0074:SRCARF>2.3.CO;2

This 1989 article by Roger Barnhart describes how anglers must begin to adapt to an increasing number of catch and release regulations on many fisheries. In my website I used this information to describe an overview of catch and release practices in the 1980s and used that to compare to today.

Roth, Curtis J, et al. “Effects of Air Exposure During Simulated Catch-and-Release Angling on Survival and Fitness of Yellowstone Cutthroat Trout.” American Fisheries Society, 2018.

This study found the amount of time that a fish was exposed to air by an average catch and release fisherman and compared it to the time it takes to begin to have negative effects on fish health. I used this study to describe how anglers are effectively using data to improve their catch and release tactics.

Roth, Curtis J, et al. “Fight and Air Exposure Times of Caught and Released Salmonids from the South Fork Snake River.” Elsevier, 2018.

Curtis Roth’s study describes the short and long term effects of air exposure during a release on a fish. I used this study to show that when done correctly catch and release angling, including with air exposure, has little to no negative effects on the population of fish.

Reidel, Mike, et al. "Wild Trout Two." Trout Unlimited and Federation of Fly Fishermen, 1979.

This article describes a meeting of Trout Unlimited in the late 1970s and how they implemented the things that were needed to make a successful trout fishery and what other factors can influence a fishery such as watersheds, pollution, etc. I used this information on my website to show the concern of more and more recreational fishermen throughout the mid-twentieth century.

Sealock, Jason. "My Reaction to Dead Bass after Big Fishing Tournaments."

wired2fish.Com, 2 June 2015, www.wired2fish.com/opinions/my-reaction-to-dead-bass-after-big-fishing-tournaments/.

This article written by Jason Sealock describes an incident in 2015 where many dead bass were found washed up dead after a catch and release tournament and how there were numerous factors that contributed to the unsuccessful release of these fish. I used this as an example to show that catch and release is not a perfect practice, but that anglers do try to take care of these fish.

Schramm, Hal, and Gene Gilliland. “Achieving High Survival of Tournament-Caught Black Bass: Past Efforts and Future Needs and Opportunities.” JSAFWA, 2015.

This study looks at the unintentional mortality rate of tournament caught fish caused by the growth in popularity of catch and release tournaments in the 1970s and 1980s. This information was used to describe how catch and release tournaments and practices have evolved to protect the fish. I used this information on my website to describe how the unintentional mortality rate has decreased due to better technology and techniques.

Shock, Brian. Personal Interview. 14 Mar. 2020.

My interview with Brian Shock was also very helpful as he is a guide on the San Juan River which is catch and release only trout water. Shock was very knowledgeable about how the proper care of fish has contributed to the quantity and quality of fish in the San Juan River. I used the information from this interview on my website to give a fishing guide’s perspective on how catch and release has changed and how it can continually be improved for the future.

Smith, Ben. Outdoor Journalist. Personal Interview. Email. 22 Mar. 2020.

My interview with Ben Smith was also very informative with the Link to Today Page as he has a blog about fishing and gave me examples of how catch and release fishing regulations have changed over time.

The Outdoor Foundation. “2018 Special Report on Fishing.” I, 2018, PDF.

The “2018 Special Report on Fishing” describes the growth of fishing, methods of fishing, perceptions of fishing, and the future of fishing. These statistics were very useful in creating a link to today on my website from the public view of fishing in general.

Thompson, P E. “Fishing Is Fun.” University of Idaho Library , May 1958.

Paul Thompson’s article describes an attempt in the late 1950s to implement catch and release as well as how it was viewed at that time. This information was used to describe one of the earliest times catch and release was attempted to be introduced in bass fishing.

“Tom Mann Wins the 1972 Florida National.” *Bassmaster*, bassmaster.com.

This photograph shows Tom Mann holding up the trophy for winning the Florida National. This photo was used as a visual aid on my website to show the winner of the first catch and release bass fishing tournament.

**“Watch 'Silent Scream': Unheard Victims in the Kitchen.” *PETA*, 26 Feb. 2020,
www.peta.org/features/silent-scream/.**

This video by PETA depicts a fish screaming for help even though it cannot be heard. I included this source on my opposing view page to expand upon that viewpoint.

Wie, David Van. "Catch and Release." *Dartmouth Alumni Magazine*, dartmouthalumnimagazine.com/articles/catch-and-release.

The excerpt from David Van Wie's book describes small portions of several trips of largely catch and release anglers and their viewpoints on fish management and catch and release fishing practices. This information was used to show how more fishermen are beginning to practice catch and release.

Wired2Fish Editors • Nov 3. "Al Lindner's Open Letter to Tournament Organization." *wired2fish.Com*, Nov. 2010, www.wired2fish.com/tournament-fishing/al-lindners-open-letter-to-tournament-organization/.

Al Lindner, one of the most well known fishermen in history, describes in a letter how regulations can affect a fisheries fish size and population with proper management. This is a link today as more fisheries are trying to increase both fish size and numbers using management techniques, including catch and release.

Wulff, Lee. "Gone Fishin'." *BEINECKE RARE BOOK & MANUSCRIPT LIBRARY*, 0AD, beinecke.library.yale.edu/article/gone-fishin.

"Gone Fishin'" is a photograph that shows Lee Wulff releasing a fish in 1977. This photo was used to show how invested Wulff was in promoting catch and release.

Wulff, Lee. “Handbook of Freshwater Fishing.” *Midcurrent*, 0AD, midcurrent.com.

This photograph shows Lee Wulff’s book “Handbook of Freshwater Fishing”, the first publication that advocated for the practise of catch and release. I used this as a visual aid on the Lee Wulff Page on my website to show one of the biggest factors causing catch and release to become more popular in the 1940s and beyond.

Wulff, Lee. “Lee Wulff Fly Fishing.” *Midcurrent*, midcurrent.com.

This is a photograph of Lee Wulff fly fishing in 1943. This photo was used as a visual aid on the Lee Wulff Page of my website.

1972BassmasterClassic.YouTube,YouTube,0AD,www.youtube.com/watch?v=kCCjnPabaO

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This video was very interesting because it allowed me to see the beginning of catch and release by watching the second annual Bassmaster Classic “the Super Bowl of bass fishing” and the first one where catch and release was practiced. I used this video on my website to display how catch and release has evolved to better protect fish health.

Secondary Sources

**Allen, Mike S. “Managing Bass Fisheries with Size Limits.” *Bassresource.com*,
www.bassresource.com/fish_biology/selective_harvest.html.**

Mike Allen’s article describes a study in which game and fish officers examine the management of fisheries, particularly fisheries with slot limits. These are regulations that set a minimum and a maximum in which fish that are inside that measurable “slot” can be kept and others must be released. It also includes how catch and release plays a part in releasing those fish that do not make the size limit. This information was used to describe how catch and release can be used as a management technique on certain bodies of water.

Arlinghaus, Robert, et al. “Understanding the Complexity of Catch-and-Release in Recreational Fishing: An Integrative Synthesis of Global Knowledge from Historical, Ethical, Social, and Biological Perspectives.” Taylor and Francis Group, 2007.

This research describes catch and release fishing from a different perspective including historical, social, ethical, and biological viewpoints from around the globe. This information was very useful in describing how the public’s perception has changed over time to be more understanding towards catch and release and the positive impact it can have. I used this information to describe how the view on catch and release is looked at has changed over time.

Arlinghaus, Robert, Cooke, Steven J., Lyman, Jon, Policansky, David, Schwab, Alexander, Suski, Cory, Sutton, Stephen G. and Thorstad, Eva B.(2007)'Understanding the Complexity of Catch-and-Release in Recreational Fishing: An Integrative Synthe

This study mentions many of the factors that can affect a recreational fishery and how it changes management tactics on a fishery. I used this information to describe how these factors can affect fish health.

BARKER, ERIC Lewiston Tribune. "Studies: Catch-and-Release, Photos Not Hurting Fish." *The Billings Gazette*, 15 Mar. 2019, billingsgazette.com/outdoors/studies-catch-and-release-photos-not-hurting-fish/article_6c3b8cae-f80e-583f-9a0c-35995a0d7909.html.

The Lewiston Tribune cites studies to argue that when done properly, catch and release practices are not as harmful to fish as many people believe. This information was used on my website to provide data supporting catch and release.

***Bassmaster*, www.bassmaster.com/conservation-news/report-shows-anglers-have-115-billion-annual-impact-united-states.**

This article discusses how the industry of sport fishing has grown and how catch and release has contributed to this. The information on the Bassmaster website was used as statistics of the growing popularity and the challenges it can present if fish populations are not properly taken care of due to a lack of knowledge of catch and release.

**Bryant, Charles W. "Should Fishermen Always Catch and Release?" *HowStuffWorks*,
HowStuffWorks,24Nov.2008,adventure.howstuffworks.com/outdoor-activities/fishing/fish-conservation/responsible-fishing/catch-and-release.htm.**

Charles Bryant's article asks the question "Should Fishermen Always Catch and Release?" and looks at different situations releasing fish or keeping fish can be beneficial. This information was used to provide a different viewpoint describing that some fish should be kept in order to maintain the health of a fishery. I used this information on the Opposing Views Page of my website to show how keeping some fish can be beneficial.

Bryant, Nelson. "Lee Wulff, 86, an Outdoorsman Who Transformed Sport Fishing." *The New York Times*,TheNewYorkTimes,30Apr.1991,www.nytimes.com/1991/04/30/obituaries/lee-wulff-86-an-outdoorsman-who-transformed-sport-fishing.html.

Nelson Bryant's article on the noted fly fisherman, Lee Wulff, allowed me to include the beginnings of modern day catch and release fishing techniques into my website. It showed how catch and release can adapt different techniques with different fish species.

Bryant,Nelson."TOSAVEFLYFISHING'SJOYS." *TheNewYorkTimes*,TheNewYorkTimes,4Apr.1983,www.nytimes.com/1983/04/04/sports/to-save-fly-fishing-s-joys.html.

The New York Times' article describes the beginning of catch and release practices with fly fishing anglers and how those early practices have evolved into the practices that we have today. This allowed me to show the impact of current day practices.

Bryant, Nelson. "Wood, Field and Stream." *The New York Times*, The New York Times, 3 Feb.1970,www.nytimes.com/1970/02/03/archives/woodfield-and-stream-environmental-defense-fund-warns-pollution.html.

The New York Times article allowed me to describe Lee Wulff, one of the early leaders of catch and release practices. It also detailed how Wulff was outspoken about conservation of the outdoors from the 1940s on.

"CatchandReleaseIsNoFunfortheFish." *EarthIslandJournal*,www.earthisland.org/journal/index.php/articles/entry/catch_and_release_is_no_fun_for_the_fish/.

Earth Island Journal's article makes the argument that catch and release can conflict with some people's ethical ideals because catch and release fishing "hurts" fish. This information was used in my website on the Opposing Views Page to explain others views on catch and release.

"CatchingandReleasing." *Bassmaster*,www.bassmaster.com/dave-precht/catching-and-releasing.

Dave Precht's article on the first catch and release bass fishing tournament shows how much the sport and industry has grown since the beginning to current day. It also has information on the effectiveness of catch and release fishing. This information was used on the Link to Today Page to compare tournaments today, illustrate different tournament platforms, and describe how the health of the fish has become the top priority.

“Catching, but Not Releasing.” *The New York Times*, *The New York Times*, www.nytimes.com/roomfordebate/2010/08/08/should-fly-fishers-catch-and-always-release/the-fish-feel-little-pain.

The New York Times’ article delves into the topic of catch and release fishing with fly fishermen showing how it can be used as a tool to remove invasive species and allow native species populations to grow. It allowed me to incorporate ways catch and release was used as a management technique.

Dean, Debra. “Are We Overdoing Catch and Release?: The Ultimate Bass Fishing Resource Guide @LLC.” *Bass Resource*, 2 Feb. 2002, www.bassresource.com/fishing/catch_and_release_bass.html.

Debra Dean’s article takes the angle that in many places people are practicing catch and release fishing too much, resulting in unhealthy fish populations. This information was incorporated into my website by giving information on how some anglers are taking catch and release to an extreme level, inadvertently creating unhealthy fisheries.

Dfg.webmaster@alaska.gov. "Ancient Indications of Angling and Ethics, Alaska Department of Fish and Game." *Ancient Indications of Angling and Ethics, Alaska Department of Fish and Game*, www.adfg.alaska.gov/index.cfm?adfg=wildlifeneews.view_article&articles_id=89.

This website was very useful as it includes a timeline that shows early examples of fish management in place much earlier than was previously recognized. I was then able to explain these early fish management techniques and how they, over time, evolved into the catch and release practices we have today.

"Doug Hannon Dead at 66." *Bassmaster*, www.bassmaster.com/news/doug-hannon-dead-66.

"Drop That." *Los Angeles Times*, Los Angeles Times, 9 Sept. 2003, www.latimes.com/archives/la-xpm2003-sep-09-os-catch9-story.html.

Bassmaster's article on the late Doug Hannon, one of the leaders of the implementation of catch and release fishing in the 1960s and 1970s, describes how he advocated for the technique and how it was perceived by the anglers of that time. This allowed me to add the evolution of catch and release practices on my website.

Dudgeon, Ally. “The Sport of Fishing Is Growing Rapidly.” *Https://Www.keyc.com*, 26 June 2019, www.keyc.com/2019/06/26/sport-fishing-is-growing-rapidly/.

Dudgeon’s article allowed me to describe the rate at which American sport fishing is growing and how this could affect the population and health of more and more fish around the country. It also allowed me to show the importance of educating anglers on correct practices for catch and release.

Fleming, Deirdre “Why Catch-and-Release Is Killing, Not Conserving, Maine Fisheries.” *PressHerald*, 11 Aug. 2019, www.pressherald.com/2019/08/11/why-catch-and-release-is-killing-maine-fisheries/.

Deirdre Fleming’s article includes a primary source study that displays that catch and release to a certain extent can be harmful with a large population of fish with small amounts of food and space. This allowed me to explain how important state game and fish departments are to setting the regulations to allow for optimal recreational opportunities.

Henderson, Brody “Catch and Release Conundrum.” *Meat Eater Hunting*, www.themeateater.com/hunt/general/the-catch-and-release-conundrum.

This article by Brody Henderson discusses ethics surrounding catch and release fishing and the problems that many people have against releasing fish. Using this source allowed me to explain the recent controversy against catch and release tactics.

Hodge, Larry. “Catch-and-Release: Have We Gone Too Far?” *Short Reports - Catch and Release-Too Far?*, tpwd.texas.gov/fishboat/fish/didyouknow/inland/catchrelease.phtml.

This article by Larry Hodge takes a unique angle by describing some of the negative effects that can occur by releasing too many fish. Hodge’s article allowed me to provide balance in my project by including the negative effects of catch and release.

Hicks, Mark. “‘The 50-Year Evolution’ of Tournament Bass Fishing.” *Game & Fish*, *Game & Fish*, 2 Feb. 2017, www.gameandfishmag.com/editorial/50-year-evolution-of-tournament-bass-fishing/192993.

Outdoor journalist Mark Hicks’ article describes the evolution of tournament bass fishing along with the implementation of catch and release fishing into the tournament fishing format. This information was used to describe how different tournament platforms have adapted different catch and release techniques while continually working to improve the health of fish.

“Hook Injury from Catch-and-Release Can Reduce Fish Feeding.” *News*, 16 Nov. 2018, news.ucr.edu/articles/2018/10/09/hook-injury-catch-and-release-can-reduce-fish-feeding.

This article describes one of the main arguments against catch and release fishing and negative impacts. A fish that is released after being caught can have a decreased chance of being able to feed and survive. I used this information on the Opposing Views Page to show that there are some drawbacks to catch and release, especially when done improperly.

Hughes, Robert M. “Recreational Fisheries in the USA: Economics, Management Strategies, and Ecological Threats.” *SpringerLink*, Springer Japan, 28 Oct. 2014, link.springer.com/article/10.1007/s12562-014-0815-x.

Hughes’ report describes some of the major fish management strategies, including implementing catch and release rules, that are commonly used across the country. He also mentions some of the natural and man made threats to fisheries. I used this information to describe how management techniques have changed over time to continually reduce the unintentional mortality rates of fish.

Leeuw, Dionys. “Can Nature Conservation Justify Sport Fishing?” Summer, 2012.

Dionys Leeuw’s article on sport fishing describes how many anglers believe that catch and release is practiced without any negative impacts on the environment. I used this information to show how many anglers have fully committed to catch and release practices.

“MinimumLength,SlotLimitsandYourFishRuler | YakGearBlog.” *YakGear*, 7 June 2018, yakgear.com/minimum-length-slot-limits-and-your-fish-ruler/.

This article describes one of the most common ways to regulate fisheries today, slot limits. With a slot limit a fish over or under a certain length can be kept but fish smaller or larger than those two lengths must be released. This information was used on my website to describe slot limits and how they are used to regulate a fishery.

Mongillo, Paul E. “A Summary of Salmonoid Hooking Mortality.” Fish Management Division Washington Department of Game, 1984.

Paul Mongillo’s summary describes a study that is evaluating different types of fishing tackle that can be used to cause the least amount of hooking mortality. I used this to describe how the particular method in which the fish is caught can affect the mortality of a fish.

Montgomery, Robert. "Report Shows U.S. Anglers Have \$115 Billion Annual Impact."

Robert Montgomery's article provided information on how much of a financial impact that anglers have in the U.S. This information gave me a link to today by showing the impact \$115 billion anglers spend on the sport, can have.

Mueller, Gene. "In Old Europe, No Catch and Release?" *The Washington Times*, The Washington Times, 1 Aug. 2008, www.washingtontimes.com/blog/inside-outside/2008/aug/1/old-europe-no-catch-and-release/.

Gene Mueller describes the almost non-existent catch and release practices in Europe. This was useful to describe perception of catch and release practices around the world, anglers, and the fisheries they are affecting.

Orvis. "Classic Essay: Fly Fishing, Mindfulness, and the Art of Letting Go." *Orvis News*, 10 June 2019, news.orvis.com/fly-fishing/classic-essay-fly-fishing-mindfulness-art-letting-go.

This article describes how since the mid 1800s fly fishermen have led the way in terms of catch and release practices and as well as many of the ways they accomplish this and how it has evolved over time. I used this source to describe how fly fishermen have led the way to continue conserving fish.

Pister, Edwin P. “Wilderness Fish Stocking: History and Perspective.” Springer, 2001.

Edwin Pister’s article gives a detailed explanation on the history of fish stocking and how catch and release anglers views are different from anglers previously. This allowed me to describe how anglers' perspectives have changed over time, becoming more accepting of catch and release.

“Production Begins on Films ‘Lee Wulff: A Remarkable Life’ and ‘Joan Wulff: Pioneer Woman.’”

idCurrent, midcurrent.com/people/production-begins-on-films-lee-wulff-a-remarkable-life-and-joan-wulff-pioneer-woman/.

The article on the famous fly fishing couple Joan and Lee Wulff contained information on the beginnings of catch and release in the 1950s and 1960s. This information was used to show the effect of these practices continuing to the present day.

Sass, Greg G, et al. “Effects of Catch-and-Release Angling on a Largemouth Bass (Micropterus Salmoides) Population in a North Temperate Lake, 2001–2005.” Elsevier, 2005.

This article addresses the effects of catch and release on largemouth bass to and how catch and release can affect the management and the overall conservation of the fish. I used this as an example of how fish can be affected by these practices and how it translated to fish population and health.

Schweitzer, Dennis L, and Charles T Cushwa. “Special Report: A National Assessment of Wildlife and Fish.” Wiley, 1978.

Dennis Schweitzer and Charles Cushwa’s article along with a primary source study that was used to describe how early studies realized that catch and release fishing would be important in monitoring and manipulating fish populations. This source allowed me to explain how catch and release is a fisheries conservation tool.

Siepkner, M J, et al. “A Review of the Effects of Catch-and-Release Angling on Black Bass, Micropterus Spp.: Implications for Conservation and Management of Populations.” Blackwell, 2007.

This article describes recent findings on air exposure, fishing tackle, the weigh in procedure and how they affect the conservation and population management of black bass. This information was used to describe the evolution that has occurred that benefits the health of the fish on the Ray Scott Page of my website.

Smith, Ben. Outdoor Journalist. Personal Interview. Email. 22 Mar. 2020.

My interview with Ben Smith was also very informational with the Link to Today Page as he has a blog about fishing and gave me examples of how catch and release fishing regulations have changed over time.

Wydoski, Richard S. “Catch and Release Fishing as a Management Tool.” University of Idaho Library, 1977.

Richard Wydoski’s article describes how because of an increased demand for “quality fisheries”, catch and release has become a management tool for these fisheries. I used this information to describe how catch and release has evolved from more of a restriction on anglers to a conservation tool.

Wulff, Joan. Personal Interview. Phone. 10 Mar. 2020.

Joan Wulff was one of the best interviews that I had as she not only was able to describe to me the importance of what Lee Wulff did for catch and release but as a renowned angler in her own right and all that she has done advocating for catch and release. I used this information on the Lee Wulff Page of my website.

Zink, Bob. “The Science behind Catch and Release.” *Outdoornews*, 18 June 2016, www.outdoornews.com/2015/04/24/the-science-behind-catch-and-release/.

Bob Zink’s article describes how catch and release varies with many different factors including species of fish, fishing method, fishing equipment, etc. This information was used to describe some of the different ways that fish can be affected upon release on the Opposing Views Page.