

Bibliography

Primary Sources

Books

Carson, Rachel Louise. *Silent Spring*. Hamish Hamilton, 1962.

This is the book that Rachel Carson wrote, which in its publication, resulted in the whole DDT debacle. The book spoke out against the use of DDT and claims that, against popular belief, humans do indeed have an effect of their environment. The book soared to the top of the bestseller list very quickly after its publication. Multiple quotes were used from this book.

Cartoon

Vallianatos, Evaggelos. "Ruthless Power and Deleterious Politics: From DDT to Roundup." *Organic Consumers Association*, 16 July 2015, <https://www.organicconsumers.org/news/ruthless-power-and-deleterious-politics-ddt-roundup>.

This is a political cartoon that was originally published in a children and family magazine, showing how chemical companies advertised heavily to those vulnerable to it. The cartoon depicts a girl, an apple, a potato, and a variety of farm animals dancing and singing in praise of the pesticide DDT.

Pictures

"About Rachel Carson." *Rachel Carson Council*, <https://rachelcarsoncouncil.org/about-rcc/about-rachel-carson/>.

An image of Carson looking through a microscope, showing her love for science.

Carson. "Under the Sea-Wind. A Naturalist's Picture of Ocean Life by Rachael L. Carson on James Cummins Bookseller." *James Cummins Bookseller*, Oxford University Press, <https://www.jamescumminsbookseller.com/pages/books/55335/rachael-l-carson/under-the-sea-wind-a-naturalists-picture-of-ocean-life>.

A picture of the second-edition printing of Under the Sea Wind by Rachel Carson. The book is for sale for \$200.

Carson, and Rachel L. Carson. "THE EDGE OF THE SEA by Rachel L. Carson on TBCL The Book Collector's Library." *TBCL The Book Collector's Library*, Staples Press Ltd., <https://www.tbclrarebooks.com/pages/books/31604/rachel-l-carson/the-edge-of-the-sea>.

The first-edition copy of Carson's third book, The Edge of the Sea.

Chapters, All, and All Chapters. "25. The Cold War." *THE AMERICAN YAWP*, 7 June 2013, <http://www.americanyawp.com/text/25-the-cold-war/>.

A picture of an atomic bomb going off from a distance.

“GM Foods: A Moment of Honesty.” *Fieldquestions*, 9 Apr. 2019,
fieldquestions.com/2015/07/29/gm-foods-a-moment-of-honesty/.

A picture of a young child being directly sprayed with DDT.

Griswold, Eliza. “How ‘Silent Spring’ Ignited the Environmental Movement.” *The New York Times*, The New York Times, 21 Sept. 2012,
<https://www.nytimes.com/2012/09/23/magazine/how-silent-spring-ignited-the-environmental-movement.html>.

A picture depicting young Carson reading to her dog, Candy, showing how a love of reading and nature was part of her life since childhood.

Lear, Linda. “Rachel Carson, The Life and Legacy.” *Rachel Carson, The Life and Legacy*,
<https://www.rachelcarson.org/>.

Picture of Rachel Louise Carson.

“Photograph of Rachel Carson Testifying before Congress, 1963.” *Photograph of Rachel Carson Testifying before Congress, 1963 | Environment & Society Portal*,
<http://www.environmentandsociety.org/mml/photograph-rachel-carson-testifying-congress-1963>.

A picture of Carson testifying before Congress the day after the CBS show on her book aired.

“RACHEL CARSON'S SILENT SPRING, A BOOK THAT CHANGED THE WORLD.” *Silent Spring on Television | Environment & Society Portal*,
<http://www.environmentandsociety.org/exhibitions/silent-spring/silent-spring-television>.

A picture of Carson interveiwing with CBS for the documentary that will air about her book, Silent Spring.

Schlanger, Zoë “PFAS Compounds Are the New DDT.” *Quartz*, Quartz, 6 Sept. 2018,
qz.com/1381593/the-ddt-of-this-generation-is-contaminating-water-all-over-the-us-and-australia/.

A picture of a crop duster plane spraying a herd of sheep with DDT.

“Silent Spring, Rachel Carson, 1962.” *National Museum of American History*,
https://americanhistory.si.edu/collections/search/object/nmah_1453548.

Silent Spring’s original cover.

“The Atomic Bomb and the End of World War II.” *The Atomic Bomb and the End of World War II: A Collection of Primary Sources*, National Security Archives, 5 Aug. 2005,
nsarchive2.gwu.edu/NSAEBB/NSAEBB162/index.htm.

This is a picture of the mushroom cloud created by the Hiroshima atom bomb. This picture helped me to visualize the foundation of the Cold War fear and the factors that affected the public's reaction to *Silent Spring*.

“The DDT Story.” *Pesticide Action Network*, <https://www.panna.org/resources/ddt-story>.

A picture of a plane spraying crops with DDT.

The Editors of Encyclopaedia Britannica. “Paul Hermann Müller.” *Encyclopædia Britannica*, Encyclopædia Britannica, Inc., 7 Nov. 2019, <https://www.britannica.com/biography/Paul-Hermann-Muller>.

A picture of the scientist who discovered DDT, Paul Muller.

Theresa. “Rachel Carson.” *Old Pittsburgh Photos and Stories / The Digs*, 8 Jan. 2015, <https://newsinteractive.post-gazette.com/thedigs/2012/09/27/rachel-carson/>.

A picture of Rachel Carson writing, showing that side of her personality.

“Vintage Book THE SEA AROUND US 3rd Printing 1951 Rachel Carson.” *EBay*, <https://www.ebay.com/itm/Vintage-Book-THE-SEA-AROUND-US-3rd-Printing-1951-Rachel-Carson-/292371107482>.

The third printing of Carson's second book, *The Sea Around Us*. The book is for sale for \$65.

WordPress.com. “DDT and the Rise and Fall of Polio.” *IDSENT*, 12 Aug. 2015, <https://idsent.wordpress.com/2015/07/23/ddt-and-the-rise-and-fall-of-polio/>.

A picture depicting a man spraying a pool full of children and families with DDT spray, showcasing the trust that society put in the chemical industry.

Documents

Anderson, Seth. “No Flies on Me Thanks to DDT - Black Flag.” *Flickr*, Yahoo!, 4 Feb. 2019, <https://www.flickr.com/photos/swanksalot/46978564681>.

This is an advertisement saying that DDT is the only way to protect your children from the danger that insects present.

Conis, Elena, et al. “DDT Disbelievers: Health and the New Economic Poisons in Georgia after World War II.” *DDT Disbelievers: Health and the New Economic Poisons in Georgia after World War II - Southern Spaces*, <https://southernspaces.org/2016/ddt-disbelievers-health-and-new-economic-poisons-georgia-after-world-war-ii/>.

A newspaper clipping with a warning about the health effects of DDT, published shortly after Rachel Carson published *Silent Spring*. This is when the barrier of public ignorance began to weaken.

Gale Ambassadors. "The Roots of 'Ecocriticism': Exploring the Impact of Rachel Carson's 'Silent Spring.'" *The Gale Review*, Gale, 21 Dec. 2017, <https://review.gale.com/2017/12/21/the-roots-of-ecocriticism-exploring-the-impact-of-rachel-carsons-silent-spring/>.

A newspaper clipping saying that Rachel was right, there is a danger in the misuse of pesticides. She successfully broke the barrier that pesticides created.

Jones, Thomas C. "Biomagnification." *Golabz*, <https://www.golabz.eu/lab/biomagnification>.

This poster advertises a DDT product, specifically "PESTROY DDT." The manufacturers claim that it is a "Safe, sure and speedy" method of exterminating bugs. This shows that although DDT is a neurotoxin and a carcinogen, it was still advertised as safe.

"Learning to Do Historical Research: Sources Government Documents." *Government Documents - Learning Historical Research*, <https://www.williamcronon.net/researching/govtdocs.htm>.

Rachel Carson's printed testimony on the harmful effects of pesticides like DDT. This helped me understand her exact beliefs by showing me her exact statement to congress.

"Protect Your Children Against Disease-Carrying Insects!" *Science History Institute Digital Collections*, <https://digital.sciencehistory.org/works/mg74qm295>.

This is an advertisement for children's wallpaper that is laced with DDT, showing the trust that families put in the chemical industry.

"RACHEL CARSON'S SILENT SPRING, A BOOK THAT CHANGED THE WORLD." *Silent Spring - Exhibition Overview | Environment & Society Portal*, <http://www.environmentandsociety.org/exhibitions/silent-spring/overview>.

A newspaper clipping from right after the publishing of *Silent Spring* in which the headline is "Silent Spring now Noisy Summer," showing the controversy that the book created.

Staff. "Metabolic Syndrome Caused by DDT." *Food Exposed*, 31 July 2014, <http://foodexposed.co.za/metabolic-syndrome-caused-by-ddt/>.

An ad for DDT use as a household product, showing the widespread use.

Video

Samsonov, Anna. *YouTube*, YouTube, www.youtube.com/watch?v=8nriVjC0H8I&feature=youtu.be.

This is a short video clip from the CBS special on Rachel Carson. From this clip, I learned more about the gap between the beliefs of the "modern" scientist and the beliefs of Rachel Carson.

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“About Rachel Carson.” *Rachel Carson Council*, <https://rachelcarsoncouncil.org/about-rc/about-rachel-carson/>.

A short biography about Rachel Carson from the Rachel Carson Council, stating several specifics about her degrees and her late works.

“College Eight Becomes Rachel Carson College.” *UC Santa Cruz News*, 15 Sept. 2016, <https://news.ucsc.edu/2016/09/rachel-carson-college.html>.

A news article from 2016 about a college that has been renamed the “Rachel Carson College” in honor of her work with the environment, showing the long-term effects of her beliefs and the change they brought.

“EPA Finalizes Affordable Clean Energy Rule, Repeals Clean Power Plan.” *Renewable Energy World*, 9 Sept. 2019, <https://www.renewableenergyworld.com/2019/06/20/epa-finalizes-affordable-clean-energy-rule-repeals-clean-power-plan/#gref>.

An article discussing the EPA involvement in current events, an image of the EPA logo was used in the website.

Griswold, Eliza. “How ‘Silent Spring’ Ignited the Environmental Movement.” *The New York Times*, *The New York Times*, 21 Sept. 2012, <https://www.nytimes.com/2012/09/23/magazine/how-silent-spring-ignited-the-environmental-movement.html>.

An article about Rachel Carson from New York Times, describing what her legacy brought about, including the establishment of Earth Day and the Environmental Protection Agency (EPA).

Lear, Linda. “Rachel Carson, The Life and Legacy.” *Rachel Carson, The Life and Legacy*, <https://www.rachelcarson.org/>.

This is an article describing Rachel Carson’s life and her contributions to society. I learned that Carson was interested in ecology and the environment long before that was even a defined science. Society didn’t have an option for people like Carson yet.

Lear, Linda. “Rachel Carson's Biography.” *Rachel Carson, Biography*, <https://www.rachelcarson.org/Bio.aspx>.

This is a biography of Rachel Carson in which Linda Lear states that “Embedded within all of Carson's writing was the view that human beings were but one part of nature distinguished primarily by their power to alter it, in some cases irreversibly.” This is what really made Carson’s book, Silent Spring, so controversial.

Lepore, Jill. "The Right Way to Remember Rachel Carson." *The New Yorker*, The New Yorker, 9 July 2019, <https://www.newyorker.com/magazine/2018/03/26/the-right-way-to-remember-rachel-carson>.

In this article, the author describes the public's reaction to the publication of Carson's book The Sea Around Us. In many letters mailed to the publisher and to Carson herself, her book was described as one of the best books ever published.

Michals, Debra. "Rachel Carson." *National Women's History Museum*, <https://www.womenshistory.org/education-resources/biographies/rachel-carson>.

This article describes in detail Rachel Carson's life and the timing of each of her books. The author sums up her accomplishments with "Carson received medals from the National Audubon Society and the American Geographical Society, and induction into the American Academy of Arts and Letters."

"Rachel Carson." *PBS*, Public Broadcasting Service, <https://www.pbs.org/wgbh/americanexperience/films/rachel-carson/>.

This article describes the effects of Carson's book Silent Spring. This book was the first of its kind, the first time anyone had challenged the common belief that humans never had any effect on the environment. The book also sparked a huge debate over whether Carson or the pesticide companies were right.

"Rachel Carson and the Legacy of Silent Spring." *The Guardian*, Guardian News and Media, 26 May 2012, www.theguardian.com/science/2012/may/27/rachel-carson-silent-spring-anniversary.

In this article, there are several great points about the way Silent Spring affected the world. One of Rachel Carson's famous quotes was used. "Thus, the chemical war is never won, and all life is caught in its violent crossfire."

Cartoons

"RACHEL CARSON'S SILENT SPRING, A BOOK THAT CHANGED THE WORLD." *Personal Attacks on Rachel Carson | Environment & Society Portal*, <http://www.environmentandsociety.org/exhibitions/silent-spring/personal-attacks-rachel-carson>.

A political cartoon labeled "Never underestimate the power of a woman" and showing how Rachel Carson used her writing to put the chemical companies right.

Pictures

Alternatives to DDT." *UN Environment Programme*, UN Environment Programme, www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/persistent-organic-pollutants/alternatives-ddt.

A picture of the DDT molecule with its full name, dichloro diphenyl trichloroethane.

Books

Ignotofsky, Rachel. *Women in Science: 50 Fearless Pioneers Who Changed the World*. Ten Speed Press, 2018.

This is a relatively short book about famous women in various science fields, with one chapter devoted to Rachel Carson. From this book, I learned that Carson spent her free time researching the effects of the pesticide DDT and learned from her research that its use was destroying almost every aspect of the natural world. She used her research as evidence in her protest against the chemical companies.

Swaby, Rachel. *Headstrong: 52 Women Who Changed Science--and the World*. Broadway Books, 2015.

This is a longer book about the most important women working in science and their discoveries. From this book, I learned about the public's reaction to the publishing of Carson's book. When Silent Springs reached society, Carson was labeled as a spinster and hysterical, a crazy woman who didn't know what she was talking about;

Video

PBS, Public Broadcasting Service, <https://www.pbs.org/wgbh/americanexperience/films/rachel-carson/#part01>.

This is a film about Rachel Carson's life and her journey to the publishing of Silent Springs. I learned from this film that although the book was controversial, directly going against the ubiquitous belief that mankind could control nature, it shot straight to the top of the bestseller list.

Newspaper

"Clipping from The Gazette." *Newspapers.com*,
https://www.newspapers.com/clip/26096452/the_gazette/.

A newspaper article from The Gazette about how Rachel Carson was correct in her research and her writing, published 50 years after Carson died.