

Annotated Bibliography

Primary:

Article:

"Conservation of Forests." *Redding, California: Gannett Media Corp, August 28, 1903.*
<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/reports/august-28-1903-page-8/docview/2764495406/se-2>.

This article explains Gifford Pinchot's role and impact in the U.S. Forest Service and applicable policies. We used this source for a quote in our Water Rights section to show who Gifford Pinchot was, and how close his relationship with President Roosevelt was.

Hearst, William Randolph. "The Yosemite National Park." *The Examiner, October 3, 1890.*
<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/hnpuswest/historical-newspapers/october-3-1890-page-6-10/docview/2132281473/sem-2?accountid=35117>.

This article explains how Yosemite became a national park through the Yosemite Act in 1890. It helped explain the significance of Hetch Hetchy Valley's location within a national park. We used it as a quote in our Hetch Hetchy Valley section.

"House Disposes of Long List of Bills." *Daily Nevada State Journal (1874-1907), May 08, 1906.*
<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/historical-newspapers/may-8-1906-page-2/docview/3046821691/se-2>.

This article explains the House's legislative changes, including the Yosemite Recession Bill in 1906. We used it as reference material for our Environmental Responsibilities section to understand the Roosevelt administration's initial resistance to the Hetch Hetchy project.

"Improvements Under Way for Yosemite Park." *The San Francisco Examiner, August 3, 1919.*
<https://www.proquest.com/hnpuswest/docview/2132715445?sourcetype=Historical%20Newspapers>.

This source explains the improvements being added to Yosemite National Park by Steven Mather. We used this for a quote in the New Perspectives section to show how NPS mainly focused on human enjoyment during its early stages.

“John Muir Is Dead.” *Reno Evening Gazette*, December 24, 1914.

<https://www.proquest.com/historical-newspapers/december-24-1914-page-4-8/docview/2062092623/se-2>.

This source explains the public’s reaction to John Muir’s death, and his efforts on the preservation of our national parks. We used this information in our Environmental Responsibilities section to show John Muir’s legacy and influence.

"Lobbyist! Is Applied to Pinchot." *Reno Evening Gazette (1876-1983)*, December 03, 1913.

<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/historical-newspapers/december-3-1913-page-1-8/docview/2062067046/se-2>.

This article explains Pinchot’s involvement in securing San Francisco citizens’ rights to water. We used this article for a quote in our Water Rights section to illustrate how his conservatism positively influenced passing the Garfield Permit which helped create the Hetch Hetchy dam.

Ludlow, Lynn. “Tuolumne River.” *The San Francisco Examiner*, October 23, 1979.

<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/historical-newspapers/october-23-1979-page-6-66/docview/2169971964/se-2>.

This source is a detailed map that shows the entire Tuolumne River and Hetch Hetchy water system. We used it as a visual aid in the header throughout our website.

"Roosevelt Is Out for Hetch Hetchy." *The San Francisco Examiner (1902-)*, January 23, 1909.

<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/historical-newspapers/january-23-1909-page-11-22/docview/2149811509/se-2>.

This article shows Roosevelt’s changed stance on the Hetch Hetchy project. We used this source in our Water Rights section to show his eventual support for the O’ Shaughnessy dam construction over environmental responsibility for San Francisco’s development.

Roosevelt, Theodore. “Letter from Theodore Roosevelt to John Muir, 1903 Mar 14.” *Online Archive of California*, March 14, 1903.

<https://oac.cdlib.org/ark:/13030/kt3c6032vm/?brand=oac4&layout=metadata>.

This letter shows Roosevelt’s personal relationship with John Muir and their shared interest in the environment. It helped us understand their relationship and Roosevelt’s early support for environmental preservations for our Environmental Responsibilities section.

"Want Hetch-Hetchy Saved for a Park." *The San Francisco Examiner (1902-)*, September 03, 1907.

<https://www.ezproxy.sfpl.org/login?url=https://www.proquest.com/historical-newspapers/september-3-1907-page-12-22/docview/2132421137/se-2>.

This newspaper article explains the Sierra Club's opposition to the Hetch Hetchy project. We used this article in our Environmental Responsibilities section for an image to show that when John Muir was president of the Sierra Club, he tried to stop the Hetch Hetchy Valley project.

"Women Join in the Protest: Oppose San Francisco Plan to Get More Water." *Los Angeles Times*, January 21, 1910.

<https://www.proquest.com/hnpuswest/docview/159431285/fulltextPDF/3BF3F278BF4660PQ/1?accountid=35117&sourcetype=Historical%20Newspapers>.

This newspaper article shows women's groups opposed to the Hetch Hetchy dam and Garfield Permit. We used this source in the Victories and Conflicts to show opposition of the dam from different Women's groups.

Books:

Gilbert, Grove Karl, Richard Lewis Humphrey, John Stephen Sewell, and Frank Soulé. *The San Francisco Earthquake of April 18, 1906 and Their Effects on Structures and Structural Materials*. Washington: Government Printing Office, 1907.

<https://pubs.usgs.gov/bul/0324/report.pdf>.

This government report reviews the damage from the 1906 San Francisco earthquake. We used this source for images and a quote to provide context on how the earthquake impacted the city's water infrastructure and explain why San Francisco needed a secure water source like Hetch Hetchy.

Grunsky, Carl Ewald, Marsden Manson. *Reports on the Water Supply of San Francisco, California, 1900 to 1908, Inclusive*. San Francisco, CA: Press of Britton & Rey, 1908.

https://www.loc.gov/resource/gdcmassbookdig.reportsonwatersu00sanf/?sp=42&st=pdf&r=-0.405%2C-0.09%2C1.809%2C1.809%2C0&pdfPage=17%20_.

This source discusses San Francisco's search for a new water source. It supported our Hetch Hetchy Valley section by explaining why San Francisco chose Hetch Hetchy as a preferred water source, and why the federal government rejected San Francisco's request in 1905.

Muir, John. *Our National Parks*. Boston, New York: Houghton, Mifflin and Company, 1901.

<https://archive.org/details/nationalparksour00muirrich/mode/2up>.

John Muir's book talks about the value and beauty of our national parks. We used it in our Environmental Responsibilities section to show John Muir's dedication to preserving Yosemite and other natural areas.

Olmsted, Frederick Law. *Frederick Law Olmsted Papers: Subject File, -1952; Parks; Yosemite Valley, Calif., 1863 to 1891. 1863. Manuscript/Mixed Material.* <https://www.loc.gov/item/mss351210370/>.

This article shares Frederick Law Olmsted's view on national parks, and how the Yosemite grant to California may hurt the environment. We used this source for a quote in our Hetch Hetchy Valley section to show how some people in the mid 1800s were already concerned that too many visitors at the national parks may negatively impact the environment.

Pinchot, Gifford. *The Fight for Conservation.* New York, Doubleday, Page & company, 1910. <https://www.loc.gov/item/10019948/>.

This source shows Gifford Pinchot's conservation philosophy. We used this source in our Water Rights section for a quote to show Pinchot's views on sustainable resource management and his influence on conservation.

Schussler, Hermann. *The Water Supply of San Francisco, California, before, during and after the Earthquake of April 18th, 1906, and the Subsequent Conflagration.* New York: M.B. Brown Press, July 23, 1906. <https://archive.org/details/watersupplyofsan00schu/page/18/mode/2up>.

This source explains San Francisco's increased need for water due to population growth. We used this source for a quote and tables in our Hetch Hetchy Valley Section to show San Francisco's urgent need for a reliable water source far away from a fault zone.

Wright, George M., Joseph S. Dixon, and Ben H. Thompson. *Fauna of the National Parks of the United States a Preliminary Survey of Faunal Relations in National Parks.* Washington: Government Printing Office, 1933. https://www.nps.gov/parkhistory/online_books/fauna1/fauna.htm.

This source introduces the first NPS survey conducted by George Wright and his colleagues. We used this image in our New Perspectives section to show how George Wright introduced park management techniques at NPS using the scientific method.

Images:

***An Act To Establish a National Park Service, and for Other Purposes.* Image. 1916. Library of Congress (c64s1ch408).**

<https://maint.loc.gov/law/help/statutes-at-large/64th-congress/session-1/c64s1ch408.pdf>.

This source discusses the creation and purpose of the National Park Service. We used a quote from this source in our Victories and Conflicts section to show the reason the National Park Service was established.

Bain News Service, Publisher. *Gifford Pinchot*. Image. [No Recorded Date] Library of Congress (2014684970). <https://www.loc.gov/item/2014684970/>.

This source is an image of Gifford Pinchot, the “Father of Forestry.” We used this image in our Water Rights section to explain who Gifford Pinchot was and how he influenced the approval of the Hetch Hetchy project.

Branson, Isaac Reichelderfer. *Yosemite against corporate greed; shall half of Yosemite national park be destroyed by San Francisco? A thesis against it*. Image. 1909. Library of Congress (09020253). <https://www.loc.gov/resource/gdclccn.09020253/?sp=4>.

This is a book against the creation of Hetch Hetchy Dam. We used this source in our Victories and Conflicts section to show opposition for the Garfield Permit and how some people felt that San Francisco was using the nation's Yosemite for their own good.

Chaffee, Horace. *Hetch Hetchy Reservoir - Middle Portion, Showing Kolana Rock, Looking East*. Photograph. May 01, 1924. San Francisco Public Library (PUC-9258). https://digitalsf.org/islandora/object/islandora%3A152723?solr_nav%5Bid%5D=7fc1a4b37aeca5f196b8&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=15.

This image shows Hetch Hetchy Reservoir after the dam was completed. We used this in our Thesis section to contrast the natural beauty of Hetch Hetchy Valley with what it looked like after the dam was constructed.

Chaffee, Horace. *Upper Hetch Hetchy Valley before the Dam*. Photograph. June 17, 1913. San Francisco Public Library (PUC-1494). https://digitalsf.org/islandora/object/islandora%3A152681?solr_nav%5Bid%5D=7fc1a4b37aeca5f196b8&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=5.

This image shows Hetch Hetchy Valley before the dam was built. We used this image in our Thesis section to show the valley’s natural landscape and the environmental impact of the dam.

Curtis, C.C. *General Noble Tree*. Photograph. 1892. California State Library. https://delivery.library.ca.gov:8443/delivery/DeliveryManagerServlet?dps_pid=IE278670.

This image shows the logging of a redwood tree in Kings Canyon National Park, which outraged environmentalists and led to the formation of environmental groups. We used this image in our Hetch Hetchy Valley section to show why the federal government needed California to take care of preserved areas like Yosemite National Park.

Early Intake, Construction of Hetch Hetchy. Photo. June 9, 1924. San Francisco Public Library (PUC-9298).

https://digitalsf.org/islandora/object/islandora%3A152701?solr_nav%5Bid%5D=8be801c61310e18af24c&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=0

This is a photo of how Hetch Hetchy Dam was built. We used this source in the Aftermath section to show the dam construction process.

Hanson, Warren D. *San Francisco Water and Power: A History of the Municipal Water Department and Hetch Hetchy System. Photographic Record. 1985. Internet Archive (1157188221).*

<https://archive.org/details/sanfranciscowate1985hans/page/24/mode/2up>

This is a historical record of the Hetch Hetchy System published in 1985. We used this source in Victories and Conflicts section for an image of the Hetch Hetchy system to show why the Raker Act required San Francisco to build roads and trails, emphasizing the balance between providing rights to water and public access rights as part of the agreement.

He's Good Enough for Me. Drawing. October 30, 1914. Forest Service (12).

<https://www.fs.usda.gov/greatestgood/images/gallery/cartoons/Cartoons/photos/photo12.shtml>

This image is a political cartoon which shows how Theodore Roosevelt approved Hetch Hetchy and sided with the conservationist Gifford Pinchot instead of John Muir, approving the Dam. We used this image in our Water Rights section to show how Roosevelt felt pressure to support San Francisco and help approve the Garfield Permit.

Hetch Hetchy Dam at Night. Image. June 6, 1922. San Francisco Public Library (PUC-7826).

https://digitalsf.org/islandora/object/islandora%3A152696?solr_nav%5Bid%5D=07289bd9a186a9a3e4bc&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=16

This image shows construction of the Hetch Hetchy Dam at night. We used this in our Aftermath Section to show the completion of the dam.

Hetch Hetchy Dam. Precast Porous Concrete Blocks for Drainage Wells. Rock Crushing Plant in the Background. Image. November 20, 1921. San Francisco Public Library

(AAZ-2241).

https://digitalsf.org/islandora/object/islandora%3A219180?solr_nav%5Bid%5D=6390154927a3b758d02e&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=15.

This construction image shows the scale of the Hetch Hetchy Dam project. We used it in the Aftermath section to show the engineering involved in creating the reservoir.

John Muir, 1838-1914. Photograph. 1912. Library of Congress (2004673176).
<https://www.loc.gov/item/2004673176/>.

This is a photograph of John Muir, a famous preservationist. We used it in the Environmental Responsibilities section to introduce John Muir.

John Muir Drawings: Yosemite National Park - Valleys - Hetch Hetchy - Valley Floor. Drawing. 1874. Scholarly Commons (JMD 229).
<https://scholarlycommons.pacific.edu/jmd/229/>.

This drawing illustrates John Muir's depiction of Hetch Hetchy Valley. We used this source in our Hetch Hetchy Valley Section to show John Muir's love for nature and natural beauty, particularly in The Sierra Nevada and Yosemite National Park.

King of the Forest Reserve. Drawing. Forest Service (8).
<https://www.fs.usda.gov/greatestgood/images/gallery/cartoons/Cartoons/photos/photo8.shtml>.

This is a cartoon to express thoughts about Gifford Pinchot and his conservationist philosophy, based on his powers as Chief of the Forest Bureau. We used this source in Water Rights section to show Pinchot might have power to influence the Hetch Hetchy Project

Look at Your Water Bill-and Vote for Hetch Hetchy. Drawing. November 11, 1908. Library of Congress (85066387).
<https://chroniclingamerica.loc.gov/lccn/sn85066387/1908-11-11/ed-1/seq-1/>.

This article discusses San Francisco's expensive water rates from Spring Valley Water Company and promotes Hetch Hetchy as a solution. We used this as an image in our Victories and Conflicts section to show support for the Raker Bill from San Franciscans.

New-York Tribune. The Day President Roosevelt Enters His Fifteenth Year. Newspaper. Oct. 27, 1907. Chronicling America: Historic American Newspapers. Library of Congress.
<https://chroniclingamerica.loc.gov/lccn/sn83030214/1907-10-27/ed-1/seq-17/>.

This newspaper article talks about Roosevelt's achievements in his fifteenth year as president. We used it in the Water Rights section for an image of Roosevelt during his conservation-focused presidency.

San Francisco History Center. *O'Shaughnessy Dam Releasing Water. Photographs. 1919-1923. San Francisco Public Library (AAZ-2248).*
https://digitalsf.org/islandora/object/islandora%3A219184?solr_nav%5Bid%5D=7fc1a4b37aeca5f196b8&solr_nav%5Bpage%5D=0&solr_nav%5Boffset%5D=16

The O'Shaughnessy dam and the Hetch Hetchy reservoir supply San Francisco and the Bay area with water and power but also brought environmental consequences and controversy. We used this image on the Homepage.

The Committee on Public Lands United States Senate Sixty-Third Congress First Section on H.R. 7207. *Hetch Hetchy Reservoir Site. Text Image. 1913. Museum of the City of San Francisco. Access October 23, 2024.*
<http://www.sfmuseum.org/hetch/hetchy10.html>

This document shows the conditions set by the Raker Bill for San Francisco to use Hetch Hetchy Valley. We used this in our Victories and Conflicts section to show the legal process that allowed the dam to be constructed.

The United States Congress. House. Committee On The Public Lands, Frank W Mondell, Herbert Parsons, and Sylvester Clark Smith. *Granting Use of Hetch Hetchy to the City of San Francisco. Image. 1909. Library of Congress (09035276).*
<https://www.loc.gov/item/09035276/>

These images show Garfield's permit that granted use of Hetch Hetchy Valley to San Francisco. We used it in our Water Rights section to show the federal government's role in the project and San Francisco's victory in obtaining rights to Hetch Hetchy.

The U.S. House of Representatives. *H.R. 15522, An Act to Establish a National Park Service, Engrossed August 5, 1916. Image Record. August 5, 1916. National Archives (RG46).*
<https://www.archives.gov/legislative/features/national-park-service/nps.html>

This is an original image of the National Park Service (NPS) Organic Act of 1916. We used this source in our Victories and Conflicts section to show why congress decided to make the NPS.

The U.S. House of Representatives. *H.R. 7207, The Raker Bill. Photographic Records. August 5, 1913. National Archive (RG233).*
<https://www.archives.gov/legislative/features/hetch-hetchy/hr7207.html>

This is an image of the Raker Act, an act proposed by John Raker to grant San Francisco access to Hetch Hetchy Valley. We used it in our Victories and Conflicts section to show San Francisco's victory through the Raker Act.

The U.S. Senate. *Petition from San Francisco Swedish Clubs Supporting the Raker Bill. Photographic Record. 1913. National Archives (7268081).* <https://catalog.archives.gov/id/7268081>.

This is a petition from San Francisco Swedish Clubs. We used this for a quote in the Victories and Conflicts section to show that different people from racial and cultural backgrounds raised their voices to support the Raker Bill.

The U.S. Senate. *Petition from the Society for the Preservation of National Parks against Granting San Francisco the Hetch Hetchy Valley. Document File. June 27, 1913. National Archives Catalog (7268060).* <https://catalog.archives.gov/id/7268060>.

This is a petition from a group of preservationists. We put a quote from this source in the Victories and Conflicts section to show how many people believed all of Yosemite should belong to the whole nation, and that San Francisco should find another water source.

The U.S. Senate. *Petition from the University of Oklahoma Against the So-Called Hetch Hetchy Bill (H.R. 7207). Textual Record. December 1913. National Archives Catalog (7268075).* <https://catalog.archives.gov/id/7268075>.

This petition from the University of Oklahoma illustrates the academic arguments against the Raker Act. We used an image from this source in our Victories and Conflicts section to show intellectual opposition to the project.

The U.S. Senate. *Protest Against Diversion of Waters from Lands Requiring Irrigation. Photographic records. May 30, 1913. National Archives Catalog (7268067).* <https://catalog.archives.gov/id/7268067>.

We used a quote from this document to show how some farmers and citizens in California opposed the dam because it affected their legal water rights. They worried that diverting water to San Francisco would affect their livelihoods and ability to irrigate farmland. We used it in our Victories and Conflicts Section to show how groups in California other than environmentalists opposed the Hetch Hetchy project.

The U.S. Senate. *San Francisco Examiner 'Petition to the Senate of the United States' Supporting the Raker Bill. Textual Record. 1913. National Archives Catalog (7268086).* <https://catalog.archives.gov/id/7268086>.

There were many people who supported the Raker Act in San Francisco, and this is an image of a signed petition by California residents that shows their support. We used this source for an image and a quote in our Victories and Conflicts section.

The U.S. Senate. *Telegram from the Executive Board of the San Francisco District of the California Federation of Women's Clubs Supporting the Raker Bill.* Image. Dec. 2, 1913. National Archives Catalog (7268072). <https://catalog.archives.gov/id/7268072>.

This telegram shows San Francisco Women's Clubs support for the Raker Bill. We used a quote from this source in the Victories and Conflicts section to show how San Francisco desperately needed clean water, and why residents believed the dam was needed for their survival. They lacked fire protection and experienced health risks from using other water sources with worse quality.

The U.S. Senate. *Telegram from the San Francisco Council No. 615, Knights of Columbus, Supporting the Raker Bill.* Textual Record. December 2, 1913. National Archives Catalog (7268080). <https://catalog.archives.gov/id/7268080>.

This record shows how the Knights of Columbus, a catholic organization, supported the Raker Act. We used this source for an image in our Victories and Conflicts section to show that even religious groups shared their opinions about the Raker Act.

Underwood & Underwood, Copyright Claimant. *Theodore Roosevelt and John Muir on Glacier Point, Yosemite Valley, California, IN. California Yosemite Valley, ca. 1906.* Photo. 1903. Library of Congress (93503130). <https://www.loc.gov/item/93503130/>.

This source is an image of Theodore Roosevelt and John Muir in Yosemite. We used it in our Environmental Responsibility section to show their friendship and mutual commitment to environmental preservation before their disagreements.

United States National Park Service, and Robert Sterling Yard. *The National Parks Portfolio.* Image. 1917. Library of Congress (17026917). <https://www.loc.gov/item/17026917/>.

This image is from The National Parks Portfolio published in 1917. We used this image in our Victories and Conflicts section to show one of the first major works of the National Park Service, showing its role in protecting the rights of future generations to enjoy national parks, like Yosemite.

Wolfskill, Matt Ashby. *Hetch - Hetchy Valley, Sierra Nevada Mts., Calif.* Image. 1911. Library of Congress (2007660475). <https://www.loc.gov/pictures/item/2007660475/>.

This image shows Hetch Hetchy Valley before the O'Shaughnessy Dam. We used it in our Hetch Hetchy Valley section to show what the area looked like before the dam was constructed.

Yosemite Grant Act 38th Congress, 1st Session, Public Law 159. Image. June 30, 1864.
National Archives Catalog (12007292). <https://catalog.archives.gov/id/12007292>.

This is a legal document where President Lincoln granted Yosemite Valley and Mariposa Tree Grove to California. We used this source in our Hetch Hetchy Valley section to show the Yosemite land grant to California, its purpose, and California's responsibilities with their new land. This might have led up to the Hetch Hetchy controversy.

Yosemite National Park. Cascades Diversion Dam Removal. Text. June, 2005. Calisphere.
<https://calisphere.org/item/ark:/86086/n2kk9bck/>.

This text shows the removal of the Cascades Dam by the National Park Service as it violated the Tuolumne Wild and Scenic River Act. We used this source for an image in our New Perspectives section to show the National Park's actions to balance human rights to water and environmental responsibility.

Journals:

Berrey, Henry. "Draining Hetch Hetchy: A Water and Power Struggle." *Yosemite* 49, no. 4. (Fall 1987). <https://www.yosemite.ca.us/library/yosemite/49-4.pdf>.

This article discusses the conflicts between Hodel and San Francisco about undamming O'Shaughnessy Dam. We used this information in our Aftermath section to show how controversy arose again after completion of the dam.

Will, Craig A.. "COLLAPSE! Why do the Salmon Continue to Disappear from Our Mother Lode Rivers?" *Sierra Nature Notes* 9. (February 2010). https://sierranaturenotes.yosemite.ca.us/Salmon_Collapse_Will_20100125.html.

This source provided an image of dead salmon along a California riverbank which we used in our Aftermath section to show the real environmental impact of dams. The image helps show how the construction of dams along the Tuolumne River disrupt salmon spawning routes and lead to their population decline.

Zachariasen, Kerry. "Hodel's Motivation for His Hetch Hetchy Proposal." *U.C. Davis Environmental Law Society* 12. (January 1988). <https://environs.law.ucdavis.edu/archives/12/1/hodels-motivation-his-hetch-hetchy-proposal>.

This article shows the motives behind Secretary Hodel's proposal to undam Hetch Hetchy. This source also mentioned San Francisco's mayor Dianne Feinstein's response to Hodel's idea. We used this source in our Aftermath section to show the ongoing

controversy around the dam even after several decades passed since the completion of the dam.

Secondary:

Book:

A History of the Municipal Water Department & Hetch Hetchy System. San Francisco Water and Power. San Francisco, San Francisco Public Utilities Commission. 2005.
https://www.sfpuc.gov/sites/default/files/about-us/HH_historybook-2005.pdf

This comprehensive history shows the development of Hetch Hetchy and how it affected the water supply. We used this source in our Aftermath Section to show the completion of the dam and the long-term consequences of the project.

Britting, Susan et al. *National Forests in the Sierra Nevada: A Conservation Strategy*. San Francisco: Sierra Forest Legacy, August 27, 2012.
https://www.sierraforestlegacy.org/Resources/Conservation/Biodiversity/SN_Consevation_Strategy.pdf

This source is for a report of the ecosystem in the Sierra Nevada. We used a quote from it in our Aftermath section to show the current status of ecosystems with endangered species in the Sierra Nevada which includes the Hetch Hetchy dam area.

Habitat Restoration Plan for the Lower Tuolumne River Corridor. Arcate, California. McBain & Trush. March, 2000.
<https://tuolumnerivertac.com/Documents/tuolplan2.pdf>

This source shows the efforts to restore Tuolumne River's ecosystem. We used it in our New Perspective section to show the efforts made by nonprofit organizations, committees, and state and federal governments to restore Tuolumne River.

Hanak, Ellen, Jay Lund, Ariel Dinar Brian Gray, Richard Howitt, Jersey Mount Peter Moyle, and Barton "Buzz" Thompson. *Managing California's Water From Conflict to Reconciliation*. San Francisco, Public Policy Institute of California, 2011.
https://www.ppic.org/wp-content/uploads/content/pubs/report/R_211EHR.pdf

This source explains the general water management problems in California and gives suggestions on how to address them. We used it for a quote in the Aftermath section to show how the dam is damaging the Tuolumne river ecosystem.

Hetch Hetchy Restoration Study. California Department of Water Resources (DWR), July 17, 2006.
https://cawaterlibrary.net/wp-content/uploads/2017/11/hetch_hetchy_restoration_study_report.pdf

This study reviews the history of Hetch Hetchy and the impact of undamming it. We quoted this source in our Aftermath section to show how California governor Arnold ordered the state to study the cost and consequences of undamming Hetch Hetchy Dam.

McCutchen, Henry E. *A History of Science in the National Park Service*. National Park Service and Northern Arizona University. August 19 , 1992. <https://npshistory.com/publications/nr-general/nps-sci-history-1992.pdf>.

This article shows the history and purpose of the National Park Service. We quoted this source in our New Perspectives section to show how the NPS focused on scientific methods to manage the parks.

Normand, Anna E. *Dam Removal and the Federal Role Congressional Research Service*, October 27, 2021. <https://crsreports.congress.gov/product/pdf/R/R46946/2>.

This is a report explaining the removal of dams in the United States with details about the process, number of dams removed, and federal involvement. We used this source in our New Perspectives section for a quote to show details about the NPS's removal of the Cascades Dam in Yosemite as an example of river restoration to balance environmental needs with citizens' rights to water.

***Program Environmental Impact Report: 5.3 Tuolumne River System and Downstream Water Bodies*. City and County of San Francisco. San Francisco Planning Department: Oct. 30, 2008. https://archives.sfplanning.org/documents/7941-2005.0159E_vol3_sec5-3_wsip_final_peir.pdf.**

This is a report for the San Francisco Public Utilities Commission's Water System Improvement Program. We used this source in the New Perspectives section for a graph and two tables to show governmental agencies monitoring environmental impact in the Tuolumne river, including Hetch Hetchy dam.

Rosekrans, Spreck and Ryan Laws. *Keeping Promises, Providing Access to Hetch Hetchy Valley, Yosemite National Park*. Restore Hetch Hetchy. 2021. <https://hetchhetchy.org/wp-content/uploads/2021/04/Keeping-Promises-Providing-Public-Access-to-Hetch-Hetchy-Valley-Yosemite-National-Park-RHH-2021.pdf>.

This report by Restore Hetch Hetchy shows how San Francisco was not following the Raker Act, specifically the agreement where they would provide public access to Hetch Hetchy. We used this source for a quote and image in our Aftermath section to show controversy around the dam.

***Tuolumne Wild and Scenic River Final Comprehensive Management Plan and Environmental Impact Statement*. Yosemite, California, February 2014.**

<https://www.rivers.gov/apps/sites/rivers/files/documents/plans/tuolumne-plan-eis.pdf>

This is a document on the Wild and Scenic River Acts for the Tuolumne River. We used this source in our New Perspectives section for a quote and an image of the Tuolumne River to show NPS's efforts in following through with environmental laws and collaborating with government and nonprofit organizations.

Journals:

Mclain, Jeffery S. "Managing the Tuolumne River for Salmonids: Assessment of the 1995 Settlement Agreement." *California Fish and Game* 96, no. 3 (2010): 173-187. <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=47305&inline=1>.

This article reviews efforts to manage the salmon population in the Tuolumne river. We used it for a graph in the Aftermath section to show the decline of salmon populations from 1954 to 2004.

Song, Cuihong, Kevin H. Gardner, Sharon J.W. Klein, Simone Pereira Souza, e, WeiWei Mo. "Cradle-to-Grave Greenhouse Gas Emissions from Dams in the United States of America." *Elsevier* 90 (July 2018): 945-956. <https://doi.org/10.1016/j.rser.2018.04.014>.

This source explains the greenhouse gas emissions of dams. We used this source in our Aftermath section to explain how hydropower is not as clean as commonly believed.

Wu, Haipeng, Jin Chen, Jijun Xu Guangming Zeng, Lianhai Sang, Qiang Liu , Zhengjie Yin, Juan Dai, Dacong Yin Jie Liang, Shujing Ye. " Effects of Dam Construction on Biodiversity: A Review." *Changjiang River Scientific Research Institute* 221 (June 1, 2019): 480-489. <https://www.sciencedirect.com/science/article/abs/pii/S0959652619306845?via%3Dihub>.

This source explains how dams impact ecosystems. We used an image and a quote in the Aftermath section to show how dams can negatively affect biodiversity.

Video:

"Hear Environmental Leader on Tuolumne Salmon." Video File, 1:16. Youtube. Posted by The Modesto Bee. 2022. https://www.youtube.com/watch?v=n1SWH8c0K_0.

This video shows the Tuolumne River Trust, a non-profit organization attempting to protect salmon populations. We used this source for a video in our New Perspective Section to show public efforts after the construction of the Hetch Hetchy Dam.

"Hetch Hetchy: To Restore or Not." Video File, 9:39. YouTube. Posted by KQED, November 4, 2011. https://www.youtube.com/watch?v=_Z7_wf28UCs.

This video explores the debate over whether the Hetch Hetchy Dam should be removed. We used it in our Aftermath section to show the controversy continues today.

Websites:

"Animated Fish Gifs." Fishing Planet Earth. Accessed December 1 2024. <https://www.angelfire.com/home/lake/earth/fpe.html>.

This website includes information about fish, as well as animated graphics. We used three animated fish graphics from this website on our navigation toolbar to inspire thinking about human responsibility towards fish habitats.

Clark, Roger. "Second Dam Project Would Flood Sacred Site Near Grand Canyon." Grand Canyon Trust. September 30, 2019. Accessed February 18, 2025. <https://www.grandcanyontrust.org/blog/second-dam-project-would-flood-sacred-site-near-grand-canyon/>.

This source includes information about the plan to make a dam system in the Salt Trail Canyon near the Grand Canyon. We used this source for an image of the dam system to show a modern day debate over dams similar to Hetch Hetchy relating to human rights to water and environmental responsibility.

"Fish Passage Improvement: An Element of CALFED's Ecosystem Restoration Program." *California Department of Water Resources*. Last modified June 16, 2005. Accessed November 22, 2024. <https://cawaterlibrary.net/document/bulletin-250-fish-passage-improvement-an-element-of-calfeds-ecosystem-restoration-program/>.

This website discusses the challenges dams pose to migratory fish. We used it in our Aftermath section to show how dams contribute to fish population decline in the Tuolumne river area.

Gan, Nectar. "China's Three Gorges Dam is One of the Largest Ever Created. Was it Worth It?" CNN style. Last modified July 31, 2020. Accessed October 20, 2024. <https://www.cnn.com/style/article/china-three-gorges-dam-intl-hnk-dst/index.html>.

We learned about the controversy surrounding China's Three Gorges Dam. We used this information in our Aftermath section to show how dams can cause human habitat loss.

"Hetch Hetchy System." *Bay Area Water Supply & Conservation Agency (BAWSCA)*. Accessed October 14, 2024. <https://bawsca.org/water/supply/hetchhetchy>.

This source explains the Hetch Hetchy Dam system and how it supplies water to San Francisco. We used it in our Aftermath section for an image and quote of the dam system, showing how Hetch Hetchy provides water to multiple counties.

"Our Campaign." *Restore Hetch Hetchy*. February 2, 2025. <https://hetchhetchy.org/our-campaign/>.

This source explains the goal of Restore Hetch Hetchy to get more access to Yosemite's twin and restore its natural beauty. We used this source for an image of Interior Secretary Hodel and former San Francisco Mayor Diane Feinstein in the Aftermath section.

Schenk, Marian Albright. "Stephen T. Mather, Founding Director of the National Park Service." Photo. 1916. Berkeley Historical Plaque Project. Accessed October 23, 2024. <https://berkeleyplaques.org/e-plaque/stephen-t-mather/>.

This source is an image of Stephen Mathers, a conservationist who became the first director of the National Park Service (NPS). We used this source for an image in our New Perspective section.

Whitlock, Janet L. "Notice of Application for Preliminary Permit for the Navajo Nation Salt Trail Canyon Pumped Storage Project." Grand Canyon Trust. November 29, 2019. Accessed February 18, 2025. https://www.grandcanyontrust.org/sites/default/files/resources/Salt_Trail_Canyon_Pumped_storage_DOI_comments.pdf.

This source explains modern-day plans to build Pumped Storage in the Salt Trail Canyon near the Grand Canyon. We used this source for a quote in New Perspectives on current governmental and non-governmental efforts to balance human rights to water and environmental responsibility.

"Yosemite Legends: George Meléndez Wright." Yosemite Conservancy. Accessed October 23, 2024. <https://yosemite.org/yosemite-legends-george-melendez-wright/>.

This article is about George Wright. We used this image for a portrait of George Wright in our New Perspectives section.