

PUBLIC LIBRARY OF YOUNGSTOWN AND MAHONING COUNTY

**MAHONING RIVER PROJECT**

A Selected Bibliography Of Circulating Materials For  
Secondary Students And Adults  
**2002**

**AIR POLLUTION**

*Air Pollution Technology.* Dean E. Painter. Reston: Reston Publishing Co., Inc., 1974.

Comprehensive historical overview of the types, sources, and methods for analyzing air pollution. Includes tables, charts, formulas, photographs and diagrams. Written for the advanced high school-college level student. Primarily useful for historic content.

*Handbook of Hazardous Waste Incineration.* Calvin R. Brunner. Blue Ridge Summit, PA: TAB Books, 1989.

Exhaustive, highly technical information on the incineration of hazardous waste. This book attempts to describe responsible disposal of these substances.

*Industrial Air Pollution Control.* Kenneth Noll. Ann Arbor: Ann Arbor Science Publishers Inc., 1973.

Technical book covering specific practices for reducing air pollution in a variety of industries: metallurgical, power generation, raw material processing, and chemical and wood products. Tables, diagrams, charts, extensive bibliography. Primarily useful for historic information.

*Pollution (Current Controversies)* Charles P. Cozic, ed. San Diego: Greenhaven Press, Inc., 1994.

Useful for debaters and those writing position papers, this discusses whether air pollution is a serious problem or not, and if corporations are reducing or increasing the problem. It also covers the Environmental Protection Agency and recycling.

*What's in the Air: Natural and Man-made Air Pollution.* Stephen Blewett with Mary Embree. Ventura, CA: Seaview, 1998.

Covers health effects, smog regulations, and historical air pollution events. Includes information on the Monongahela River Valley incident in 1948, which caused illness in seven thousand people and the deaths of twenty.

## ANIMALS

***Birding in Ohio.*** 2nd ed. Tom Thomson, et. al. Bloomington, IN: Indiana University Press, 1983, 1994.

Divides Ohio's counties by region and discusses specific birds to look for by area. Includes Mill Creek Park, Kyle Woods, Mosquito Creek and other nearby locations.

***The Complete Tracker: Tracks, Signs, and Habits of North American Wildlife.*** Len McDougal. New York: Lyons and Burford, 1997.

Deer, raccoon, foxes, wolves, rabbits and other mammals whose tracks are found near rivers and lakes are described here.

***Guide to the Mammals of Ohio.*** Jack L. Gottschang. Columbus, OH: Ohio State University Press. 1981.

Includes opossum, moles, shrews, bats, rabbits, rodents, foxes, wolves, mink, deer, etc. Has color photos and appendices that include a key to the skulls of the animals. Scientific names are used.

***How to Stay Cool.*** Members of the Wildlife Task Force of Animal Charity. Youngstown, OH: Animal Charity, 1988.

What to do when animals are found outside of their natural habitats or creating a problem within it, such as beaver dams. Humorous question –and– answer format.

***Mammals of the Great Lakes Region.*** Allen Kurta. Ann Arbor: The University of Michigan Press, 1995.

Deer, raccoon, rabbits, beavers, foxes and other mammals frequently spotted near Ohio's rivers are described here, along with their habitats and characteristics.

***Ohio's Wildlife Resources.*** Ron Cochran. Columbus, OH: Ohio Department of Natural Resources, 1960.

Historical information about Ohio's fishes, amphibians, reptiles, birds and mammals. Well-illustrated. Includes checklists of animal distribution.

***Salamanders of Ohio. Bulletin of the Ohio Biological Survey, v.7, no. 2.*** Ralph A. Pflingsten and Floyd L. Downs, eds. Columbus, OH: College of Biological Sciences, Ohio State University, 1989.

Comprehensive guide to Ohio's salamanders, including maps, photographs of species, and descriptions. Mentions Little Beaver Creek and other wild areas in Ohio, with large color photographs.

## AQUATIC ANIMALS

*At the Water's Edge: Nature Study in Lakes, Streams, and Ponds.* Alan M Cvancara. New York: John Wiley and Sons, 1989.

Extensive section about animals both in and near the water, including beavers, birds, fish, insects and many others.

*Fishes of Ohio.* Milton B. Trautman. Columbus, OH: The Ohio State University Press, 1957.

Exhaustive catalog of Ohio's fishes. Has maps and black and white illustrations.

*Wetlands.* Marilyn Lisowski and Robert A. Williams. New York: Franklin Watts, 1997.

Includes project instructions such as "How to Inventory Wildlife" and "How to Make an Animal Cast."

*Wetlands: The Web of Life.* Paul Rezendes and Paulette Roy. San Francisco, CA: Sierra Club, 1996.

Heavily illustrated with many full-page color photographs, this book has a chapter on rivers and the wildlife found in and around them.

*Wild Ohio.* Art Weber. Minoqua, WI: North Word Press, Inc., 1995.

Mentions Little Beaver Creek and other wild areas in Ohio, with large color photographs.

## BRIDGES

*Bridges.* Steven A. Ostrow. New York: Metro Books, 1997.

Beautifully illustrated oversize book with everything from stone arch to steel truss and suspension bridges. Worldwide in scope.

*Bridges and Their Builders.* David B. Steinman. New York: G. P. Putnam's Sons, 1941.

Excellent history of bridges from primitive to iron to steel. Many black and white illustrations.

*Roads, Bridges, and Tunnels: Modern Approaches to Road Engineering.* Michael Overman. New York: Doubleday and Sons, 1968.

Several chapters are on bridges, detailing materials, foundations and construction. Has the world's "top ten" bridges.

***Tower and the Bridge: The New Art of Structural Engineering.*** David P. Billington. New York: Basic Books, 1983.

Discusses the artistic aspects of bridge design. Epilogue is titled "The Idea of Structure as Art." Extensive notes and index.

***The Covered Bridges of Ohio: An Atlas and History.*** Miriam Wood. Columbus, OH: Old Trail Printing Co., 1993.

Comprehensive and well illustrated, this book shows covered bridges all over the state, including one over the West Branch of the Mahoning River. Shows the different types of construction involved, as well.

## CANALS

***Canal Days in America: The History and Romance of Old Towpaths and Water Ways.*** Harry Sinclair Drago. New York: Clarkson N. Potter, Inc., 1972.

Has chapters on both the Pennsylvania and Ohio canals, as well as several chapters on the Erie Canal. Many other river canals are also featured. Heavily illustrated with black and white photographs and drawings.

***Canals and Their Architecture.*** Robert Harris. New York: Frederick A. Praeger, Publishers, 1969.

Well-illustrated guide to the geography and construction of canals. Many appendices, including a list of the principle water routes in the United States.

***Historic Highways of America: Great American Canals I & II.*** Archer Butler Hulbert. Cleveland, OH: The A.H. Clark Company, 1902-05; reprint, New York: AMS Press, 1971. Vol. 13 & 14 of Historic Highways series.

Historic information on Ohio and Pennsylvania canals, including maps. Vol. II is on the Erie Canal.

***Ohio Canal Era: A Case Study of Government and the Economy, 1820-1861.*** Harry N. Scheiber. Athens, OH: The Ohio University Press, 1969.

Comprehensive history of Ohio Canals during the time period, focusing more on the politics and economics of canals than on their physical structure.

***A Photo Album of Ohio's Canal Era, 1825-1913.*** Jack Gieck. Kent, OH: The Kent State University Press, 1988.

Many black and white photographs detailing the rise and fall of canals in Ohio, including an appendix that lists the physical data and table of distances of public-funded canals of Ohio.

## **CAREERS**

***Careers for Environmental Types & Others Who Respect the Earth.*** Michael Fasulo. Lincolnwood, IL: VGM Careers Horizons, 2002.

A broad overview of environmental career fields with references to more detailed information sources.

***Careers in the Environment.*** Michael Fasulo. Lincolnwood, IL: VGM Career Horizons, 2000.

Provides information on several fields of environmental careers, including detailed descriptions of education requirements, salary statistics, major employers and job settings.

***Green at Work: Finding a Business Career that Works for the Environment.*** Susan Cohn. Washington, D. C.: Island Press, 1995.

Includes profiles of people working in green jobs and a resource directory listing environmental publications and organizations. Briefly details the environmental policies of several companies.

***New Complete Guide to Environmental Careers.*** Bill Sharp. Washington, D. C.: Island Press, 1993.

Describes several fields of environmental jobs, including education required for each and possible areas of employment.

***Opportunities in Environmental Careers.*** Odom Fanning. Lincolnwood, IL: VGM Career Horizons, 1996.

Discusses the new environmentalism, education options and institutions and descriptions of professions. Includes names and addresses of organizations to contact for additional information.

## **CARTOGRAPHY**

***Mapping.*** David Greenwood. Chicago: The University of Chicago Press, 1964.

Aimed toward the amateur, this work is informal and easy to understand. Covers how to interpret and apply maps. Includes a section about making and collecting maps.

***Mapping of Ohio: The Delineation of the State of Ohio through the Use of Manuscript Maps, Printed Maps, and Plats, Sketches and Plans from Original Map Makers with a Narrative Which Describes Each Map from Contemporary Sources.*** Thomas H. Smith. Kent, OH: Kent State University Press, 1977.

By examining early maps of Ohio, one can see how the territory developed. Text tells how maps were made and provides much Ohio history.

***Maps, a Visual Survey and Design Guide.*** Michael Southworth. Boston, MA: Little Brown, 1982.

Discusses interconnections among maps, map users and the real world. Broad range of types of maps and map techniques.

***Maps and Compasses.*** Percy W. Blandford. Blue Ridge Summit, PA: Tab Books, 1992.

Basic map reading with examples and explanations of signs and symbols, map colors, road symbols and much more. Explains map-making, special maps and nautical and waterway maps. In depth use of compasses.

## **CLIMATE**

***The Change in the Weather: People, Weather and the Science of Climate.*** William K. Stevens. New York: Delacorte Press/Random House, 1999.

A serious look at the science of climatic change and the link between the fate of humanity and the climate. Extremes in weather are becoming increasingly commonplace in an ever-warming world.

***An Introduction to Climate.*** Glenn T. Trewartha and Lyle H. Horn. New York. McGraw-Hill, 1980.

Standard text for study at the college level. Focuses on climatic classification, world patterns of climates, and departures from the world pattern on individual continents.

***Laboratory Earth: The Planetary Gamble We Can't Afford to Lose.*** Stephen H. Schneider. New York: Basic Books/Perseus Books Group, 1997.

Discusses humanity's role in global climatic change.

***Weather and Climate of the Great Lakes Region.*** Val L. Eichenlamb. Notre Dame, Indiana: University of Notre Dame Press, 1979.

A study of the unique effect the Great Lakes have on the climate of the region.

## **DAMS**

***Hoover Dam: An American Adventure.*** Joseph E. Stevens. Norman, OK: University of Oklahoma Press, 1988.

Known as “the most famous dam in the world” and “the great pyramid of the American West”, the Hoover Dam was begun in 1931 to harness the Colorado River. This book thoroughly recounts its history.

***Rivers in Harness: The Story of Dams.*** Allan H. Cullen. Philadelphia: Chilton Books, 1962.

Famous dams of America are profiled. Shows construction photos and explains how and why dams are built.

## **FLOODS**

***Floods.*** William G. Hoyt and Walter B. Langbein. Princeton, NJ: Princeton University Press, 1955.

General account of flooding and a history of major floods in the United States.

***Living on Flood Plains and Wetlands: A Homeowner's High Water Handbook.***

Maureen Gilmer. Dallas, TX: Taylor Pub. Co., 1995.

Conditions that cause flooding and how to deal with them.

## **GEOLOGY**

***Geology of the Great Lakes.*** Jack Luin Hough. Urbana, IL: University of Illinois Press, 1958.

Stages in the development of the Great Lakes.

***Ohio in the Making; a Brief Geological History of Ohio.*** Arthur R. Harper.

Columbus, OH: College of Education, Ohio State University, 1948.

Geologic periods and glaciations of Ohio.

***Ohio's Natural Heritage.*** Michael B. Lafferty. Columbus, OH: Academy of Science, 1979.

Detailed maps of Ohio's landscape and water resources.

## **HISTORIC PRESERVATION**

***Early Homes of Ohio.*** I. T. Frary. New York: Dover Publications, 1970.

Photographs showing dwellings with details of historic significance.

***Historic Buildings of Ohio.*** Walter C. Kidney. Pittsburgh, PA: Ober Park Associates, 1972.

Photographs and drawings of Ohio buildings from a survey done by the National Parks Service.

***What Style Is It?*** John S. Poppeliers, Allen Chambers, and Nancy B. Schwartz.

Washington, DC: The Preservation Press, National Trust for Historic Preservation, n.d.

Representative photos and drawings of architectural styles and details.

## HYDROLOGY

*Shaping of America's Heartland: The Landscape of the Middle West.* Betty Flanders Thomson. Boston: Houghton Mifflin, 1977.

The role water played in forming the Midwest.

*Water.* United States. Dept. of Agriculture. Washington, DC: United States Government Printing Office, 1955.

The 1955 edition of the *Yearbook of Agriculture* detailing the sources and uses of water.

## LOCAL HISTORY

*On Doing Local History: Reflections on What Local Historians Do, Why and What It Means.* Carol Kammen. Nashville, TN: American Association for State and Local History, 1986.

Ideas for researching and writing a local history with suggestions for projects.

*Underfoot: an Everyday Guide to Exploring the American Past.* David Weitzman. New York: Scribner, 1976.

Places to look and items to consider for a local history.

## MAHONING COUNTY (Ohio) – HISTORY

*History of Ohio: The Rise and Progress of an American State.* E. O. Randall. Vol. 4. New York: Century History Company, 1912.

Remarks on Youngstown and Mahoning County's mineral resources. History of early aspects of iron ore and limestone and the first furnace on the banks of Yellow Creek.

*Heritage to Share: The Bicentennial History of Youngstown and Mahoning County, Ohio: Youngstown and Mahoning County, Ohio, from Prehistoric Times to the National Bicentennial Year.* Howard Aley. Youngstown, OH: Bicentennial Commission of Youngstown and Mahoning County, Ohio, 1975.

A thorough and readable account of the history of Youngstown and Mahoning County to 1975. Well-organized into six parts, further divided into chapters, then headings. Many facts that do not appear in other histories. Illustrations, maps, tables.

*History of the Western Reserve.* Harriet Taylor Upton. Chicago, IL: The Lewis Publishing Company, 1910.

Three-volume set covers the history of the Western Reserve. The sections about Mahoning County recount the importance of the Salt Lick, early settlers and commerce and industry. Biographies of prominent citizens and their portraits.

***Western Reserve: The Story of New Connecticut in Ohio.*** Harlan Hatcher. Indianapolis, IN: Bobbs-Merrill, 1949.

Contains historical information about Mahoning County. Also, compliments Mill Creek Park, the enterprising spirit of the people and the natural resources.

***Youngstown: An Intimate History.*** George Higley. Youngstown, OH: n.p., 1953.

Honors the early settlers and gives a brief biography of 21 recognizable local families. Large focus on steel. Black and white photographs.

## **MAHONING VALLEY**

***Mahoning Memories: A History of Youngstown and Mahoning County.*** Frederick J. Blue. Virginia Beach, VA: The Donning Company, 1995.

Discusses the history of the Mahoning Valley from prehistoric times, when Native Americans either lived here or traveled to the Valley for its salt springs. The explorers and settlers, also, appreciated the mineral that can preserve food and season it. Events leading up to contemporary times show economic ups and downs. Many black and white photos and portraits give life to the history.

***These Hundred Years: A Chronicle of the Twentieth Century as Recorded in the Pages of the Youngstown Vindicator.*** Youngstown, OH: Vindicator Printing Company, 2000.

An overview of every day life in Youngstown and the Mahoning Valley. Book is broken down by decade featuring news and random events. Many photographs clarify the past. Interesting lists of goods and their prices from each decade.

***Visions of the Valley.*** Carol DeFrank. Montgomery, AL: Community Communications, 1996.

Arranged in two parts. Part 1, "Visions of the Valley", and Part 2, "Mahoning Valley Enterprises". Part 1 honors the Valley's ethnicity, arts, education and recreation. Part 2 showcases the business and financial aspects of the area.

## **MILL CREEK PARK**

***Green Cathedral: History of Mill Creek Park, Youngstown, Ohio.*** John C. Melnick. Youngstown, OH: Youngstown Lithography, 1976.

A detailed account of the Mill Creek area and Mill Creek Park itself. Copious illustrations.

***Legacy of Mill Creek Park: The Biography of Volney Rogers.*** Bridgett M. Williams. Youngstown, OH: Youngstown Lithographing Co., 1992.

An insightful chronicle of the life and work of Volney Rogers, the forward-thinking father of Mill Creek Park. Traces the history of the Park from Rogers' dream to its present splendor.

## OHIO PLANTS

***Gardening Book for Ohio.*** Denny McKeown. Franklin, TN: Cool Springs Press, Inc., 2000.

Easy-to-understand gardening book with focus on plants, vines and trees that will grow in Ohio. Map of Ohio with USDA cold-hardiness zones indicated. Color photographs of plants.

***Ohio Gardening Guide.*** Jerry Minnich. Athens, OH: Ohio University Press, 1995.

Complete gardening guide for Ohio. Describes in detail the state's soils. Ohio weather is taken into account when choosing plants. Sections on annuals, perennials, bulbs, lawns, shrubs and trees.

***National Audubon Society Field Guide to North American Trees, v. 1 - Eastern Region.*** Elbert Luther Little. New York: Knopf, 1980.

Well-illustrated guidebook covering 364 species of eastern American trees. Photographs are organized in various ways in order to help identify a specific tree. Once identified, one can turn to an informative text.

***Wildflowers of Ohio.*** Robert L. Henn. Bloomington: Indiana University Press, 1998.

Beautiful color photographs of Ohio's many wildflowers are sorted by the color of the bloom. Author discusses threatened and endangered wildflowers.

## ORAL HISTORY

***Like It Was: A Complete Guide to Writing Oral History.*** Cynthia Stokes Brown. New York: Teachers & Writers Collaborative, 1988.

Gives instructions for planning, interviewing, transcribing, and editing oral histories.

***Oral History: An Introduction for Students.*** James Hoopes. Chapel Hill, NC: The University of North Carolina Press, 1979.

Emphasizes the importance of oral history as a significant part of historical research.

***Oral History from Tape to Type.*** Cullom Davis. Chicago: American Library Association, 1977.

Instructional manual plus workbook. Various illustrations and exercises. Contains glossary and rules of style for editing.

***History for the Local Historical Society.*** Willa K. Baum. Nashville: American Association for State and Oral Local History, 1975.

Considered a classic in the field. Not just for historical societies, but also for individual historians. Photographs, examples and forms. How to preserve oral history tapes.

***Touching Tomorrow: How to Interview Your Loved Ones to Capture a Lifetime of Memories on Video or Audio.*** Mary LoVerde. New York: Simon & Schuster, 2000.

Special guide to encourage one to record or videotape family members. Examples of ways to persuade interviewees. Includes 200 questions to ask participants.

## **RIVERS**

***America by Rivers.*** Tim Palmer. Washington, D.C.: Island Press, 1996.

Describes the rivers of America in all their remaining glory and tarnished beauty, coupled with a narrative tour of the whole of America's river system.

***Beaver and Mahoning Rivers, Pennsylvania and Ohio.*** United States. Congress. House. Committee on Rivers and Harbors. Washington: U.S. Government Printing Office, 1941.

Hearings on the subject of improving the Beaver and Mahoning Rivers.

***Endangered Rivers and the Conservation Movement.*** Tim Palmer. Berkeley: University of California Press, 1986.

This is the first book to tell the story of river conservation in America.

***Ohio.*** Richard Elwell Banta. N.Y.: Rinehart, 1949.

Details historical information about the Ohio River.

***River to the West; Three Centuries of the Ohio.*** Walter Havighurst. New York: Putnam, 1970.

Blends a portrait of the Ohio River and its people from the time of the Indians to the 1970s.

## **RIVER TRANSPORTATION**

***Land, Air, Water: Transportation and Ohio.*** Columbus: State Library of Ohio, 1979.

Examines the fascinating transportation heritage of Ohio.

***Ohio: A Bicentennial History.*** Walter Havighurst. New York: Norton, 1976.

Depicts the history of early modes of river transportation in Ohio, including barges, riverboats and steamships.

***Ohio, The Beautiful and Historic.*** Charles Edwin Hopkins. Boston: L. C. Page and Company, 1931.

Provides insight as to how the river transportation system first developed in Ohio.

***Paddle Steamer: An Illustrated History of Steamboats on the Mississippi and its Tributaries.*** Ken Watson. New York: Norton, 1985.

Illustrates how the steamboat era formed a trade network, which was so influential in America's expansion, growth and development as a nation.

***Water Trails West.*** Western Writers of America. Garden City, NY: Doubleday, 1978.

Text provides a history of rivers, lakes and canals evoking the majestic American waterways. Cites information about the Erie Canal and river transportation in the Great Lakes Region.

## **RIVER VALLEY**

***Archaeology of the Lower Ohio River Valley.*** Jon Muller. Orlando: Academic Press, 1986.

Describes the archaeology of the Ohio River Valley and provides the only available compilation of material for this region that takes into account the considerable amount of archaeological research done since World War II.

***Images of the Ohio Valley: A Historical Geography of Travel, 1740 to 1860.*** John A. Jakle. New York: Oxford University Press, 1977.

Deals with the early Ohio River Valley landscape, not so much as it was, but more as it was thought to be.

***Ohio River Handbook and Picture Album; Consisting of Pictorial Incidents, with Random Notes and Comments Relating to the Ohio River and Its Environs and Statistics, Charts and Information on the Ohio River and Its Tributaries.*** Benjamin Franklin Klein. 4<sup>th</sup> ed., rev.; Cincinnati: Young, 1958.

Provides extensive historical accounts about the Ohio River Valley.

***Ohio Valley in Colonial Days.*** Berthold Fernow. Albany, NY: J. Munsell's Sons, 1890.

Covers historical information of the Ohio River Valley during the 18<sup>th</sup> century.

***That Dark and Bloody River: Chronicles of the Ohio River Valley.*** Allan W. Eckert. New York: Bantam Books, 1995.

Narrative history of events that were critical in shaping the history of the Ohio River Valley.

## **SCIENCE EXPERIMENTS**

***More Science Experiments on File: Experiments, Demonstrations and Projects for School and Home.*** New York: Facts on File, 1991.

Loose-leaf binder filled with science projects for grades 3-12. Five main sections including Earth Science, Biology, Physical Science, Chemistry and Physics. Subject index included.

***Science Experiments on File: Experiments, Demonstrations and Projects for School and Home.*** New York: Facts on File, 1989.

Loose-leaf binder filled with science projects for grades 6-12. Four main sections including Earth Science, Biology, Physical Science/Chemistry and Physics. Includes subject index.

***Science Projects about Weather.*** Robert Gardner and David Webster. Hillside, NJ: Enslow Publishers, 1994.

Many of these weather projects contain excellent science fair ideas. Materials used can be easily found around home or school.

## **SOIL CONSERVATION**

***Manual on Conservation of Soil and Water.*** Washington, D.C.: Peace Corps, Information Collection and Exchange, 1982.

Handbook explains the causes, processes and consequences of soil erosion and depletion. Also describes soil and water conservation practices which help prevent further erosion.

***Our Soils and Their Management: Increasing Production through Environmental Soil and Water Conservation and Fertility Management.*** Roy Luther Donahue. 6<sup>th</sup> ed. Danville, IL. Interstate Publishers, 1990.

The central thrust of the text is soil, water, fertility and management with emphasis on new technologies of soil and land use.

***Saving Our Soil: Solutions for Sustaining Earth's Vital Resources.*** James Glanz. Boulder: Johnson Books, 1995.

Looks to such topics as soil quality and other insightful topics that impact the search for healthy soil.

***Soil Conservation.*** Norman Hudson. Fully revised and updated, 3<sup>rd</sup> ed. Ames, IA: State University Press, 1995.

A teaching text for all interested with the concern of soil erosion.

***Soil Science: Principles and Practices.*** Robert L. Hausenbiller. 3<sup>rd</sup> ed. Dubuque, IA: W. C. Brown, 1985.

Deals with fundamental, chemical, physical, and biological properties of soil and the relation of these properties to soil classification and use.

## **STEEL INDUSTRY**

***And the Wolf Finally Came: The Decline of the American Steel Industry.*** John P. Hoerr. Pittsburgh, PA: University of Pittsburgh Press, 1988.

Looks intimately at the causes and effects of the decline of one of America's basic industries.

***50 Years in Steel, the Story of the Youngstown Sheet and Tube Company.***

Youngstown Sheet and Tube Company. Youngstown, OH: Author, 1950.

Insightful look at how a local steel company grew, expanded and developed in Mahoning County.

***Iron and Steel in the Twentieth Century.*** Bruce E. Seely, Editor. New York: Facts on File Publications, 1994.

Provides an historical perspective of steel companies in the industry into the mid 1980s.

***Steel Mill.*** Eve Stwertka. New York: Watts, 1978.

Discusses the manufacturing of steel and introduces research implemented by steel plants.

***Steel Phoenix: The Fall and Rise of the U.S. Steel Industry.*** Christopher Hall. New York: St. Martin's Press, 1997.

Attempts to cover the steel industry between 1970 and 1995, a period when the industry saw drastic changes.

## **STREAM WATER MONITORING AND WATER COLLECTING AND TESTING**

***Clean Water: The Citizen's Complete Guide to Water Quality and Water Pollution Control.*** Kenneth M. Vigil. Portland, OR: Columbia Cascade Pub. Co., 1996.

Summarizes many of the important topics concerning water quality and water pollution.

***Drinking Water Hazards: How to Know If There Are Toxic Chemicals in Your Water and What To Do If There Are.*** John Cary Stewart. Hiram, OH: Environgraphics, 1990.

Focuses on water contaminants, water's vulnerability to pollution and its overall quality.

***Guide to Ohio Streams.*** Randall E. Sanders, ed. Columbus, OH: Streams Committee, Ohio Chapter of the American Fisheries Society in Partnership with Ohio Environmental Education Fund, Ohio Dept. of Natural Resources, Ohio Environmental Protection Agency, 2000.

Complete field guide to Ohio wildlife, coupled with information about understanding, protecting and restoring our natural resources. Specific mention of the Mahoning River should be noted.

***How to Save a River: A Handbook for Citizen Action.*** David M. Bolling. Washington, D.C.: Island Press, 1994.

Tips for ordinary people having the commitment to preserve a river or a stream.

***Laboratory Manual for Chemicals and Bacterial Analysis of Water and Sewage.***

Frank Richard Theroux. 3<sup>rd</sup> ed., rev. and enl.; New York: McGraw-Hill, 1943.

Contains directions for making the chemical determinations for the control of water and sewage plants, analysis of polluted water and the examination of industrial wastes.

***Living Waters: How to Save Your Local Stream.*** Owen D. Owens. New Brunswick, NJ: Rutgers University Press, 1993.

Written for trying times when streams have been dammed, polluted, sedimented and dredged. Its purpose is to advocate conservation, preservation and restoration of the natural environment.

***Protecting Water Quality.*** Gary E. McCuen. Hudson, WI: Gary E. McCuen, 1986.

Offers an introduction to the water crisis as well as suggested solutions.

***Water Is Everybody's Business: The Chemistry of Water Purification.*** Abraham S. Behronan. Garden City, NY: Doubleday, 1968.

Addresses the water supply problem while focusing on water purification and analysis.

***Water Quality Indicators Guide: Surface Waters.*** Charles R. Terrell, et al.

Washington, D.C.: U.S. Dept. of Agriculture, Soil Conservation Service, 1992.

Aids in finding water quality solutions to problems from sediment, animal wastes, nutrients, pesticides and salts.

***Water Measurement Manual: A Manual Pertaining Primarily to Measurement of Water Irrigation Projects.*** United States. Bureau of Reclamation. 2<sup>nd</sup> ed.; Washington, D.C.: GPO, 1967.

Text written specifically to help measure irrigation, as well as municipal and industrial waters.

## WATER CONSERVATION

***Environmental Quality and Water Development.*** Charles Remington Goldman. San Francisco, W. H. Freeman, 1973.

Provides historical information about the Great Lakes and views about conservation.

***Last Oasis: Facing Water Scarcity.*** Sandra Pastel. New York: W. W. Norton, 1992.

Author expresses concerns about the continuing water scarcity problems and suggested solutions.

***Our Natural Resources and Their Conservation.*** Harry B. Kircher. 7<sup>th</sup> ed.; Danville, IL: Interstate Publishers, 1992.

Helps the reader to realize the rich heritage of our natural resources.

***Tapped Out: The Coming World Crisis in Water and What We Can Do about It.*** Paul Simon. New York: Welcome Rain, 1998.

Outlines potential problems of our water supplies and provides specific ideas for remedying the situation.

***Water Wars: The Fight To Control and Conserve Nature's Most Precious Resource.*** Olga Cossi. New York: New Discovery Books, 1993.

Discusses water scarcity, sources, uses and shortages and what individuals can do to secure cleaner water.

## WATER POLLUTION

***Algae in Water Supplies: An Illustrated Manual on the Identification, Significance, and Control of Algae in Water Supplies.*** C. Mervin Palmer. Washington: U.S. Dept. of Health, Education, and Welfare, 1962.

Heavily illustrated guide to the different types of algae found in water. Technically written, including an extensive glossary and genus and species index.

***Disposal of Spent Sulfate Pickling Solutions.*** Ohio River Valley Water Sanitation Commission. n.p.: Ohio River Valley Sanitation Commission, 1952.

Technical report with many graphs, charts, and diagrams prepared by the Steel Industry Action Committee outlining the problems and treatment methods for sulfuric acid pickling solutions used in steel-making.

***Is Our Water Safe to Drink? A Guide to Drinking Water Hazards and Health Risks.*** J. Gordon Millichap, M.D. Chicago: PNB Publishers, 1995.

Discusses waterborne diseases, including bacterial, viral and parasitic, as well as substances found in water such as lead, fluoride, pesticides and radiation. Also includes mention of well water, bottled water, color, odor, taste and hardness, and a glossary of terms and list of acronyms.

***The ORSANCO Story: Water Quality Management in the Ohio Valley under an Interstate Compact.*** Edward J. Cleary. Baltimore: The Johns Hopkins Press, 1967.

Historical information from the Ohio River Valley Water Sanitation Commission (ORSANCO) including information on Youngstown and the Mahoning River. Includes appendices.

***Our Poisoned Waters.*** Edward F. Dolan. New York: Dutton, 1997.

One chapter is on endangered rivers, and another talks about poisoned rivers, lakes and wetlands.

***Ohio Water Firsts. ( v. 1 & 2) Ohio Water Titans. (v. 3)*** Sherman L. Frost, et. al. Columbus, OH: Water Resources Foundation of Ohio, Inc., 1985, 1997, 1999.

Excellent history of major and minor water sources in the state. The third volume briefly profiles the people who have been important in Ohio's water history.

***Treatment of Industrial Effluents.*** A. G. Callely, C.F. Forster, D.A. Stafford, eds. New York: John Wiley and Sons, 1976.

Details the types of water contamination from many different industries, including papermaking, pharmaceutical, farm and food, textile, coke ovens, dairy and petrochemical. Now dated, this is primarily useful for history.

***Water Pollution.*** Kathlyn Gay. New York: Franklin Watts, 1990.

Explains the basics of the water cycle, groundwater, wastewater problems, sources of pollution, protective measures and wetlands. Includes a glossary of terms and a list of organizations.

## **WATER POWER**

***Harnessing Water Power for Home Energy.*** Dermot McGuigan. Charlotte, VT: Garden Way Publishing Company, 1978.

Concentrates on the generation of electricity from waterpower, from small mountain streams to wide valley rivers. Includes directory and bibliography.

## **WATER RESOURCES DEVELOPMENT**

***Managing Water Quality: Economics, Technology, Institutions.*** Allen V. Kneese and Blair T. Bower. Baltimore: Johns Hopkins Press, 1968.

Discusses best methods for achieving consistent water quality, which government agencies should be responsible and what levels of water quality our nation should seek to maintain. Includes case studies from the Ohio, Potomac and Delaware river basins.

***Rivers of Empire: Water, Aridity and the Growth of the American West.*** Donald Worster. New York: Pantheon Books, 1985.

An interesting look at the history and development of the American West, as a modern hydraulic society based on, shaped by and completely dependent upon its dams, reservoirs and canals.

***Technology in American Water Development.*** Edward A. Ackerman and George O. G. Lof. Baltimore: Johns Hopkins Press, 1959.

A detailed study conducted in 1958 relating technology to water development in the United States. Includes charts, graphs and photographs.

***Water: A Natural History.*** Alice B. Outwater. New York: Basic Books, 1996.

Coming full circle, an environmental engineer discovers that a complex ecological system has long kept American water remarkable clean. While human engineering can depollute water, only these ecologically interacting natural systems can create healthy waterways.

***Water -- Or Your Life.*** Arthur H. Carhart. Philadelphia: Lippincott, 1959.

A look at our country's early attempts at dealing with water development issues. Includes formation of government departments such as the Army Engineers and the Bureau of Reclamation.

## **WATERSHEDS**

***The River Basin: An Introduction to the Study of Hydrology.*** David Ingle Smith and Peter Stopp. Cambridge, England: Cambridge University Press, 1978.

Meant as an introductory college text, this book describes how to study the water cycle within a river basin.

***Rivers and Lakes.*** Lawrence Pringle. Alexandria, VA: Time-Life Books, 1985.

Excellent introduction for the layperson to the lake and river systems of the world. Many color photographs and illustrations.

## **WEATHER**

***Skies of Fury: Weather Weirdness around the World.*** Patricia Barnes-Svarney and Thomas E. Svarney. New York: Simon and Schuster/Touchstone, 1999.

Discusses weather extremes around the world. Fully illustrated with photographs, records and facts.

***Skywatch East: A Weather Guide.*** Richard A. Keen. Golden, CO: Fulcrum Publishing, 1992.

Covers area north from Canada, across the Great Lakes and east from a border defined by the Mississippi to the Gulf Coast. Includes detailed descriptions of weather events such as cyclones, fronts, thunderstorms, hail, tornados and hurricanes.

***Thunder in the Heartland: A Chronicle of Outstanding Weather Events in Ohio.*** Thomas W. Schmidlin and Jeanne Appelhans Schmidlin. Kent, OH: Kent State University Press, 1996.

Account of 200 Ohio weather events from 1790 to 1996 -- extremes of rain, snow, storms and temperature. First person accounts accompanied by statistics, photographs and maps.

***The Weather Handbook.*** Alan Watts. Dobbs Ferry, New York: Sheridan House, 1999.

Written to allow the layperson to combine information gathered from the weather forecasts and personal observations to obtain a correct assessment of the immediate and future weather situation wherever they may be located. Excellent diagrams and color photographs.

***The Weather Sourcebook: Your One-Stop Resource for Everything You Need to Feed Your Weather Habit.*** Ronald L. Wagner. Old Saybrook, CT: Globe Pequot Press, 1994.

Collection of weather fact and folklore, resources and instructions. Meteorological terms and phenomena identified and described. Numerous tables and graphs.

## **FICTION**

***Crooked River Burning.*** Mark Winegardner. New York: Harcourt, Inc., 2001

Spanning 20 years and set in Cleveland, this novel tells of David Zielinsky and Anne O'Connor, two teenagers from opposite sides of town who fall in love but inevitably go their separate ways. In relating their tale, the author paints a vivid picture of Cleveland during the 1950's and 60's, including the birth of rock'n'roll, the Sam Sheppard murder case and the infamous burning of the Cuyahoga, the crooked river of the title.

***Dark Lady.*** Richard North Patterson. New York: Alfred A. Knopf, 1999.

Stella Marz, Assistant County Prosecutor in Steelton, a small midwestern town on the brink of economic change, investigates the death of two prominent businessmen. Her investigation leads her to believe that the truth behind the murders may relate to the history of Steelton – a history that may now threaten her.

## **POETRY**

***Above the River: The Complete Poems.*** James Arlington Wright. New York: Farrar, Straus and Giroux, 1990.

A complete collection of the works of one of America's great contemporary poets. Features poetry about rivers, nature and Ohio, among other subjects.

***West-Running Brook.*** Robert Frost. New York: Henry Holt and Company, 1928.

Nature poems by the most popular poet of the early 20<sup>th</sup> century.

***Poems on Ohio.*** Clement Luther Martzloff. Columbus, OH: F. J. Heer Printing Company, 1911.

Poems about Ohio with biographical notes on poets.

***Poets of Ohio: Selections Representing the Poetical Work of Ohio Authors from the Pioneer Period to the Present Day, with Biographical Sketches and Notes.*** Emerson Venable, ed. Cincinnati, OH: Stewart & Kidd Company, 1912.

A collection of poetry from early Ohio poets.

## **SONGS**

***Buckeye Heritage: Ohio's History in Song.*** Elizabeth Anne Salt. Columbus, OH: Enthea Press, 1992.

This songbook features traditional Ohio songs and their history. Includes historical Ohio sites listing and Ohio history bibliography.

***Songs of Forest and River Folk.*** Paul Glass. New York: Grosset & Dunlap, 1967.

Provides a glimpse of the old days of river travel through a brief historical sketch and the ballads and folk songs of lumberjacks and river folk.

***Steamboatin' Days: Folk Songs of the River Packet Era.*** Mary Wheeler. Baton Rouge, LA: Louisiana State University Press, 1944.

A collection of songs from towns along the Ohio, Tennessee and Mississippi Rivers, this book provides background on the folklore and music of the packet boat period.

## **VIDEOS**

***Building Big: Bridges.*** Boston: WGBH Video, 2000.

David Macaulay uncovers fascinating facts about the engineering, construction and history of dozens of the world's bridges through film footage, photographs and dramatic reenactments.

***Building Big: Dams.*** Boston: WGBH Video, 2000.

Discover how dams have not only changed the course of rivers, but also the course of history. Host David Macaulay takes a look at the stories behind some of the greatest dams ever built.

***Dream for all Seasons: Volney Rogers & Mill Creek Park.*** Youngstown, OH: Mill Creek Park Metropolitan Park District, 1995.

Volney Rogers, as portrayed by Pieter Visser, explores modern day Mill Creek Park and highlights some of the park's history through film footage, rare photographs and dramatic recreations.

***Exploring America's Rivers & Lakes.*** Bethesda, MD: Acorn Media, 1997.

Uncovers the lush beauty, rich history and distinctive personalities of America's premiere waterways.

***Great American Trout Streams: Eastern Rivers.*** Thousand Oaks, CA: Goldhil Video, 1998.

Provides valuable insight about the critical threats to fragile rivers and the important links between great fishing, cleaning rivers and a healthy environment.

***Mill Creek: Metropolitan Park District.*** Sponsored by the Edward J. DeBartolo Corporation.

Title on container: Legacy for the Future: the Story of Mill Creek Park.  
Description of the history of the wilderness and recreational park established in 1891 by Volney Rogers.

***Mississippi: River of Song.*** Bethesda, MD: Acorn Media, 1999.

Join folk-rock musician Ani DiFranco as she explores each bend in the Mississippi River, highlighting the richness and vitality of American music at the close of the 20<sup>th</sup> century. Hear live performances as well as intimate discussions with artists who thrive in America's clubs, churches, juke joints and backyards, filmed live along the Mississippi River.

***Water Rules.*** Las Vegas: KLVX Communications Group, 1996.

Helps students think about water consumption, treatment and pollution.

***Wild about Wildflowers.*** Sunfield, MI: Outdoor Images, 2000.

Covers native American wildflowers and grasses.