

Coal and the Environment

Anderson, J.W. "Coal: Dirty Cheap Energy." Ed. Oates, Wallace E. *The RFF Reader in Environmental and Resource Policy*. Washington, DC: Resources for the Future, 2006. 180-183. Print. GE170 .R447 2006

A short, essay about coal and pollution among others in this collection published by Resources for the Future (RFF) which is an organization that uses social science methodology in their analysis of current environmental and natural resource issues.

Deutch, John and Richard K. Lester. *Making Technology Work: Applications in Energy and the Environment*. Cambridge, NY: Cambridge UP, 2004. Print. 49-108. TJ163.155.A1 D48 2004

Two chapters of interest in this book are: "Electricity from Coal" and "Controlling Acid Rain from Coal-fired Power Plants."

Goodell, Jeff. *Big Coal: The Dirty Secret behind America's Energy Future*. Boston, Houghton Mifflin, 2006. Print. TN805.A5 G665 2006

Mark Hertsgaard commented "Most people don't know it yet, but whether the world can continue to burn coal is one of the most important questions of the twenty-first century. *Big Coal* is a major contribution to getting the answer right." Elizabeth Kolbert endorsed this book to say "Big Coal should be read by anybody who owns a microwave, or an iPod, or a table lamp, which is to say everyone."

Greenblatt, Alan. "Confronting Warming: Can States and Localities Prevent Climate Change?" *CQ Researcher*: 1-24. *CQ Researcher Online*. Web. 29 June 2009.

Coal is on among many of the issues addressed in this issue.

Inslee, Jay, and Bracken Hendricks. *Apollo's Fire: Igniting America's Clean-Energy Economy*. Washington, DC: Island, 2008. Print. HD9502.U52 I536 2008

Investigates the Apollo Project, solar energy, green collar jobs, wind energy and coal.

Kelley, Ingrid. *Energy in America: A Tour of our Fossil Fuel Culture and Beyond*. Burlington, VT: U Vermont P, 2008. Print. TP317.U5 K45 2008

Scientists tell us we need to cut carbon emissions to forestall effects of global warming. Reducing fossil fuel use is the key, and energy experts are hard at work devising solutions to change the nation's energy sector to one that is clean and sustainable for the future.... This book tells this story, emphasizing that

energy use has always been based on cultural factors as well as technology. It relates how coal, oil and natural gas built the nation from its beginning and created today's consumer culture. It continues with the rise of the electric utility industry and its influence on American society. Finally, it explores the 1970s, when America woke to conservation and efficiency, and the renewable energy industries were born. It concludes with a look at the future possibilities for community energy planning and current trends in sustainable energy policy. (Publisher description)

LaDuke, Winona. "Salt, Water, Blood, and Coal: Mining in the Southwest." *Recovering the Sacred: The Power of Naming and Claiming*. Cambridge: South End, 2005. 33-46. Print. E98 .R3 L33 2005

Examines the Hopi view of a single water world under the land's surface that clashes with "western science." But water is scarce in the Colorado Plateau and water has been used to transport the coal causing lower water levels dry springs. Courts, politics, money all clash with environmental issues.

Main, Jermy. "Old King Coal Comes Back." *U.S. National Debate Topic 2008-2009: Alternative Energy*. Ed. Paul McCaffrey. New York: Wilson, 2008. 32-37. Print. TJ808 .U82 2008

Main's essay was originally published in *Fortune*, February 21, 2005. Other alternative sources of fuel are discussed throughout the book.

McQuaid, John. "Mining the Mountains." *Smithsonian* Jan. 2009: 74-85. *Academic Search Complete*. Web. 26 June 2009.

Examines the environmental and economic impact of mountain top removal coal mining in West Virginia. Many disagree about mining jobs vs. low paying tourist industry jobs. The biotic diversity in Southern Appalachian forests by the filling of valleys with land removed during the mining process is described as well as the groundwater contamination

Motavalli, Jim. "Once There Was a Mountain." *E - The Environmental Magazine* Jan. 2007: 34-9 *Academic Search Complete*. Web. 30 June 2009.

Coal mining and mountain top removal on Kayford Mountains of Western Virginia has left the land bare with only 50 acres owned by Larry Gibson that still have trees. Gibson shows pictures of Kayford when it had homes, schools, five churches and a movie theater and states that mining destroyed a whole

culture. Local school children have traces of black dust in their lungs and lawsuits and legislation are discussed.

Nersesian, Roy L. "Coal." *Energy for the 21st Century: A Comprehensive Guide to Conventional and Alternative Sources*. Armonk, NY: Sharpe, 2007. Print. 68-102. HD9502 .A2 N465 2007

"Coal" is the topic of Chapter 4 which gives an overview of the history of Coal, types, the future of coal and the case against it.

Phillips, Jonathan D. "Impacts of Surface Mine Valley Fills on Headwater Floods in Eastern Kentucky." *Environmental Geology* 45.3 (2004): 367-80. *Environment Complete*. Web.

26 June 2009.

A study in eastern Kentucky about using mountain top removal waste to fill valleys indicates that there is a clear risk of increased flooding and valley fills are more likely to increase rather than decrease flood potential.

Reece, Erik. *Lost Mountain: A Year in the Vanishing Wilderness: Radical Strip Mining and the Devastation of Appalachia*. New York: Riverhead, 2006. Print. TD195.S75 R43 2006

Reece spent a year observing, hiking and recording the devastation to Lost Mountain in Perry County, eastern Kentucky. He interviewed people and recorded how a diverse forest became an arid lunar landscape, and he establishes the environmental effects of mountaintop mining. Wendell Berry wrote the foreword to the book.

Riley, Dohn, and Mark McLaughlin, eds. *Turning the Corner: Energy Solutions for the 21st Century*. Tahoe City, CA: Alternative Energy Institute, 2001. Print. TJ808 .R55 2001

Includes a chapter on coal, and discusses alternative methods of energy. The [publisher's web site](#) updates new technologies.

Schobert, Harold H. *Energy and Society: An Introduction*. New York: Taylor & Francis, 2002. Print. 427-440. HD9502.A2 S3975 2002

Coal is mentioned in many of the chapters of this book. "Energy and the Environment" addresses issues about reclamation of mined lands and coal cleaning and effects of coal on the environment.