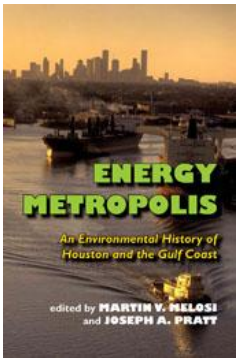
Multimedia Library Collection: Books & Profiles

Energy Metropolis: An Environmental History of Houston and the Gulf Coast

Melosi, Martin, and Joseph Pratt



Melosi, Martin and Joseph Pratt. *Energy Metropolis: An Environmental History of Houston and the Gulf Coast*

Melosi, Martin and Joseph Pratt. *Energy Metropolis: An Environmental History of Houston and the Gulf Coast*. Pittsburgh: University of Pittsburgh Press, 2007.

Houston's meteoric rise from a bayou trading post to the world's leading oil supplier owes much to its geography, geology, and climate: the large natural port of Galveston Bay, the lush subtropical vegetation, and the abundance of natural resources. But the attributes that have made it attractive for industry, energy, and urban development have also made it particularly susceptible to a variety of environmental problems. *Energy Metropolis* presents a comprehensive history of the development of Houston, examining the factors that have facilitated unprecedented growth—and the environmental cost of that development. The landmark Spindletop strike of 1901 made inexpensive high-grade Texas oil the fuel of choice for ships, industry, and the infant automobile industry. Literally overnight, oil wells sprang up around Houston. In 1914, the opening of the Houston Ship Channel connected the city to the Gulf of Mexico and international trade markets. Oil refineries sprouted up and down the channel, and the petroleum products industry exploded. By the 1920s, Houston also became a leading producer of natural gas, and the economic opportunities and ancillary industries created by the new energy trade led to a population boom. By the end of the twentieth century, Houston had become the fourth largest city in America. Houston's expansion came at a price, however. Air, water, and land pollution reached hazardous levels as legislators turned a blind eye. Frequent flooding of altered waterways, deforestation, hurricanes, the energy demands of an air-conditioned lifestyle, increased automobile traffic,

exponential population growth, and an ever-expanding metropolitan area all escalated the need for massive infrastructure improvements. The experts in Energy Metropolis examine the steps Houston has taken to overcome laissez-faire politics, indiscriminate expansion, and infrastructural overload. What emerges is a profound analysis of the environmental consequences of large-scale energy production and unchecked growth. (Text adapted from University of Pittsburgh Press website.)

Read the book in full on the University of Pittsburgh Press Digital Editions .

Related links:

- University of Pittsburgh Press site featuring this book
  http://www.upress.pitt.edu/BookDetails.aspx

Websites linked in this text:

- http://www.upress.pitt.edu/BookDetails.aspx?bookId=35855
- http://digital.library.pitt.edu/cgi-bin/t/text/text-idx?c=pittpress;cc=pittpress;view=toc;idno=31735062135698