

Recommended Reading on Energy

John Kemp
Reuters

- (A) [Energy systems](#)
- (B) [General oil history](#)
- (C) [OPEC history](#)
- (D) [Middle East politics](#)
- (E) [Energy and international relations](#)
- (F) [Oil exploration and production](#)
- (G) [Shale history](#)
- (H) [Fracking and shale resources](#)
- (I) [Peak oil](#)
- (J) [Ghawar \(and other Saudi oil fields\)](#)
- (K) [Oil and gas leases](#)
- (L) [Oil refining](#)
- (M) [Oil tankers and shipping](#)
- (N) [Oil in wartime](#)
- (O) [Oil and gas in the United States](#)
- (P) [USGS conference proceedings](#)
- (Q) [Oil and gas in China](#)
- (R) [China's overseas energy strategy](#)
- (S) [China pollution and climate](#)
- (T) [China general history](#)
- (U) [South and East China Seas](#)
- (V) [Central Asia](#)
- (W) [Arctic issues](#)
- (X) [Russia oil and gas](#)
- (Y) [North Sea oil](#)
- (Z) [UK oil and gas](#)
- (AA) [Africa resources](#)
- (BB) [Oil spills and pollution](#)
- (CC) [Gas as a transport fuel](#)
- (DD) [Natural Gas Liquids](#)
- (EE) [Electricity and security](#)
- (FF) [Energy efficiency](#)
- (GG) [Solar activity and geomagnetic storms](#)
- (HH) [Renewables and grid integration](#)
- (II) [Nuclear power and weapons](#)
- (JJ) [Coal](#)
- (KK) [Air pollution](#)
- (LL) [Water and drought](#)
- (MM) [Climate issues](#)
- (NN) [Carbon capture and storage, synthetic fuels](#)
- (OO) [Rare earths and critical minerals](#)
- (PP) [Federal Helium Program](#)
- (QQ) [Transport economics](#)
- (RR) [Public policy](#)
- (SS) [Risk management](#)
- (TT) [Futures markets and manipulation](#)
- (UU) [Regulation of commodity markets](#)
- (VV) [Hedge funds and volatility](#)
- (WW) [Finance and markets](#)

(A) ENERGY SYSTEMS

- (1) Global Energy Assessment: Toward a Sustainable Future (International Institute of Applied Systems Analysis, 2012)
- (2) Fundamentals of Materials for Energy and Environmental Sustainability (Materials Research Society, 2012)
- (3) Handbook of Energy Efficiency and Renewable Energy (Kreith et al, 2007)
- (4) Handbook of Energy (2 vols) (Cleveland et al, 2013)
- (5) [Sustainable Energy Without the Hot Air](#) (McKay, 2008)

(B) GENERAL OIL HISTORY

- (6) A Century in Oil: The “Shell” Transport and Trading Company 1897-1997 (Howarth, 1997)
- (7) The History of Royal Dutch Shell (4 vols) (Howarth et al, 2007)
- (8) The History of the British Petroleum Company (3 vols) (Ferrier, 1982) (Bamberg, 2000 and 2009)
- (9) The History of the Standard Oil Company (2 vols) (Tarbell, 1904)
- (10) The International Petroleum Cartel: Staff Report to the Federal Trade Commission (FTC, 1952 and U.S. Senate, 1976)
- (11) [Multinational Oil Corporations and U.S. Foreign Policy](#) (U.S. Senate Committee on Foreign Relations, Subcommittee on Multinational Corporations, 1975)

(C) OPEC HISTORY

- (12) OPEC: 25 Years of Prices and Politics (Skeet, 1988)
- (13) Genie Out of the Bottle: World Oil Since 1970 (Adelman, 1995)
- (14) Discounts in Disguise: Price Shaving by Members of OPEC (Bureau of Intelligence and Research, 1977)
- (15) Access to Oil: The United States’ Relationships with Saudi Arabia and Iran (U.S. Senate Committee on Energy and Natural Resources, 1977)
- (16) [Shah Defends Increasing Oil Prices](#) (Shah Mohamed Reza Pahlavi, 1980)
- (17) [How the Oil Glut is Changing Business](#) (Hershey/NYT, 1981)
- (18) [Bush Sees Oil Glut Undermining U.S.](#) (McNulty/Chicago Tribune, 1986)
- (19) [The Oil Price Crisis of 1998](#) (Mabro, 1998)

(D) MIDDLE EAST POLITICS

- (20) Desert Kingdom: How Oil and Water Forged Modern Saudi Arabia (Jones, 2010)
- (21) Khomeini: Life of the Ayatollah (Moin, 1999)
- (22) The Oasis of Al-Hasa (Vidal/Aramco, 1955)
- (23) King Faisal of Saudi Arabia: Personality, Faith and Times (Vassiliev, 2012)

- (24) The Caravan Goes On: How Aramco and Saudi Arabia Grew Up Together (Jungers, 2013)
- (25) Blood and Oil: A Prince's Memoir of Iran from the Shah to the Ayatollah (Farmanfarmaian, 1997)
- (26) Yamani: the Inside Story (Robinson, 1988)

(E) ENERGY AND INTERNATIONAL RELATIONS

- (27) [Oil Scarcity Ideology in U.S. National Security Policy 1909-1980](#) (Stern, 2012)
- (28) [The Soviet Collapse: Grain and Oil](#) (Gaidar, 2007)
- (29) Collapse of an Empire: Lessons for Modern Russia (Gaidar, 2008)
- (30) [Navigating the U.S. oil export debate](#) (Bordoff and Houser, 2015)
- (31) The Economics and Politics of Oil Price Regulation (Kalt, 1981)

(F) OIL EXPLORATION AND PRODUCTION

- (32) Petroleum Geology, Exploration, Drilling and Production (Hyne, 2001)
- (33) World Atlas of Oil and Gas Basins (Guoyu, 2011)
- (34) Hydrocarbon Exploration and Production (Jahn, 2008)
- (35) [Glossary of Terms Used in Petroleum Reserves/Resources Definitions](#) (Society of Petroleum Engineers, 2005)
- (36) Elements of Petroleum Geology (Selley, 1998)
- (37) Basin Analysis: Principles and Application to Petroleum Assessment (Allen and Allen, 2013)
- (38) Unconventional Petroleum Geology (Zou, 2013)
- (39) [Sedimentary Rocks and Sedimentary Basins](#) (Toro, undated slides)
- (40) Sedimentary Environments: Processes, Facies and Stratigraphy (Reading, 1996)

(G) SHALE HISTORY

- (41) [Hydraulic Fracturing: History of an Enduring Technology](#) (Montgomery and Smith, 2010)
- (42) [Shooters: A "Fracking" History](#) (American Oil and Gas Historical Society, undated)
- (43) [Geologically Oriented Overview of Horizontal Drilling in the United States](#) (Schmoker/USGS, 1992)
- (44) [Fracking Patents: The Emergence of Patents as Information Containment Tools in Shale Drilling](#) (Cahoy et al, 2012)
- (45) [Drilling sideways: a review of horizontal well technology and its domestic application](#) (EIA, 1993)
- (46) [Horizontal highlights: Middle East Well Evaluation Review](#) (Schlumberger, 1996)
- (47) [Horizontal drilling: a technological marvel ignored](#) (Forbes, Jan 2013)
- (48) [The Soviet Program for Peaceful Uses of Nuclear Energy](#) (Nordyke, 1998)
- (49) [Where It All Began: A Quarter Century After The First Canadian Horizontal Well Was Drilled](#) (McKenzie-Brown, 2012)

- (50) [Trends in Hydraulic Fracturing Distributions and Treatment Fluids, Additives, Proppants and Water Volumes in the United States](#) (USGS, 2014)
- (51) [Data Regarding Hydraulic Fracturing Distributions and Treatment Fluids, Additives, Proppants and Water Volumes in the United States 1947-2010](#) (USGS, 2014)

(H) FRACKING AND SHALE RESOURCES

- (52) [Technically Recoverable Shale Oil and Shale Gas Resources: An Assessment of 137 Shale Formations in 41 Countries](#) (EIA, 2013)
- (53) [Hydraulic Fracturing 101](#) (King, 2012)
- (54) [Myth and realities of the shale oil and gas developments](#) (Mott MacDonald, 2013)
- (55) [What Size of Earthquakes Can Be Caused by Fracking?](#) (Durham Energy Institute, 2013)
- (56) [Induced Seismicity Potential in Energy Technologies](#) (National Research Council, 2013)
- (57) [Hydraulic Fracturing and Water Resources](#) (Muehlenbachs and Olmstead, 2014)
- (58) [Shale Development and Agriculture](#) (Hitaj et al, 2014)

(I) PEAK OIL

- (59) [The Coal Question: An Enquiry Concerning the Progress of the Nation and the Probable Exhaustion of the Coal Mines](#) (Jevons, 1866)
- (60) [The Decline and Ultimate Production of Oil Wells](#) (Beal, 1919)
- (61) [Petroleum Resources of the World](#) (USGS/White, 1920)
- (62) [Report of the Federal Oil Conservation Board to the President of the United States](#) (FOCB, 1926)
- (63) [Proclamation Touching Glass](#) (King James I, 1615)
- (64) [Essay on the Principle of Population](#) (Malthus, 1798)
- (65) [Towards Project Interdependence](#) (Franssen, 1975)
- (66) [Nuclear Energy and the Fossil Fuels](#) (King, 1956)
- (67) [Peaking of World Oil Production: Impacts, Mitigation and Risk Management](#) (Hirsch, 2005)
- (68) [Twilight in the Desert: The Coming Saudi Oil Shock and the World Economy](#) (Simmons, 2005)
- (69) [The Myth of the Oil Crisis](#) (Mills, 2008)
- (70) [Market Madness: A Century of Oil Panics, Crises and Crashes](#) (Blake, 2015)
- (71) [Unconventional Resources – Are They In Our Future?](#) (Ahlbrandt/USGS, 1992)

(J) GHAWAR (AND OTHER SAUDI OIL FIELDS)

- (72) [The Ghawar Oil Field, Saudi Arabia](#) (Croft, undated)
- (73) [Geology of the Arabian Peninsula](#) (USGS, 1966)
- (74) [Paleo-Geology of the Middle East](#) (undated)

- (75) [Reservoir Characterization of Arab-D Super-K as a Discrete Fracture Network Flow System, Ghawar Field](#) (Voelker, 2004)

(K) OIL AND GAS LEASES

- (76) [North Dakota Oil and Gas Leasing Considerations](#) (Cooperative Extension Service, 2006)
(77) [Oil and Gas Leasing in Montana](#) (Fitzgerald, 2012)
(78) [Importance of Mineral Rights and Royalty Interests for Rural Residents and Landowners](#) (Fitzgerald, 2014)
(79) International Petroleum Fiscal Systems and Production Sharing Contracts (Johnston, 1994)
(80) Oil and Governance: State-Owned Enterprises and the World Energy Supply (Victor, 2012)

(L) OIL REFINING

- (81) Chemistry of Fossil Fuels and Biofuels (Schobert, 2013)
(82) Petroleum Refining in Nontechnical Language (Leffler, 4th edition, 2008)
(83) Refining Processes Handbook (Parkash, 2003)
(84) Petroleum Refining: Technology and Economics (Gary et al, 2007)
(85) Oil 101 (Downey, 2009)
(86) [The Role and Future of the UK Refining Sector in the Supply of Petroleum Products](#) (Purvin & Gertz, 2013)

(M) OIL TANKERS AND SHIPPING

- (87) Sea Shell: The Story of Shell's British Tanker Fleets 1892-1992 (Howarth, 1992)
(88) Supership (Mostert, 1974)
(89) Tankers (Merchant Ships of the World) (Sawyer and Mitchell, 1967)

(N) OIL IN WARTIME

- (90) The Shell that Hit Germany Hardest (Shell in the First World War) (Smith/Shell, 1920)
(91) A History of the Petroleum Administration for War 1941-1945 (Frey, 1946)

(O) OIL AND GAS IN THE UNITED STATES

- (92) Oil, Gas and Government (Bradley, 2 vols, 1996)
(93) Energy Policy in America since 1945: A Study of Business-Government Relations (Vietor, 1987)
(94) Flush Production: The Epic of Oil in the Gulf Southwest (Forbes, 1942)

- (95) Oil in Texas: The Gusher Age 1895-1945 (Olien and Olien, 2002)
- (96) The Last Boom: The Exciting Saga of the Discovery of the Greatest Oil Field in America (Clark and Halbouty, 1972)
- (97) [East Texas Oilfield: Handbook of Texas Online](#) (Smith/Texas State Historical Association, 2010)
- (98) Petroleum Politics and the Texas Railroad Commission (Prindle, 1981)
- (99) Mud, Sweat and Oil: The Early Days in the Williston Basin (Shemorry, 1991)
- (100) [Association of American State Geologists: Centennial History 1908-2008](#) (Cobb/AASG, 2008)
- (101) [The 50th Anniversary of the Discovery of Oil in North Dakota](#) (Bluemle/North Dakota Geological Survey, 2001)
- (102) [North Dakota Stratigraphic Column](#) (North Dakota Geological Survey, 2009)
- (103) [Rockefeller's Right Hand Man: Henry Flagler](#) (Roberts, undated)
- (104) Belly Up: The Collapse of the Penn Square Bank (Zweig, 1985)
- (105) [A Retrospective Review of Shale Gas Development in the United States: What Led to the Boom?](#) (Wang/Krupnick, 2013)
- (106) [George P Mitchell: Founder of Shale Gas – Here's How He and His Team Did It](#) (Pierobon, 2013)
- (107) Prudent Development: Realizing the Potential of North America's Abundant Natural Gas and Oil Resources (National Petroleum Council, 2011)
- (108) [Assessment of Undiscovered Oil and Gas Resources of the Anadarko Basin Province 2010](#) (USGS, 2014)
- (109) [Changing Crude Oil Markets: Allowing Exports Could Reduce Consumer Fuel Prices, and the Strategic Reserves Should Be Reexamined](#) (GAO, 2014)

(P) USGS CONFERENCE PROCEEDINGS

- (110) [Research on Energy Resources](#) (8th Forum) (USGS, 1992)
- (111) [Energy and the Environment](#) (10th Forum) (USGS, 1995)

(Q) OIL AND GAS IN CHINA

- (112) Oil in China: From Self-Reliance to Internationalisation (Lim, 2010)
- (113) Policy Making in China: Leaders, Structures and Processes (Lieberthal and Oksenberg, 1988)
- (114) [Daqing: An Old Oil Field at the Centre of New EOR Testing](#) (SPE, 2014)
- (115) [Songliao Basin](#) (CNPC, undated)
- (116) [Qingshankou-Putaohua/Shuertu and Jurassic Coal-Denglouku/Nongan Total Petroleum Systems in the Songliao Basin](#) (USGS, 2003)
- (117) Structural Characteristics of the Tarim Basin Oil and Gas (Ben She Yi Ming, 2000)

(R) CHINA'S OVERSEAS ENERGY STRATEGY

- (118) [Overseas Investments by Chinese National Oil Companies](#) (IEA, 2011)
- (119) [Update on Overseas Investments by China's National Oil Companies](#) (IEA, 2014)
- (120) [Chinese NOCs Overseas Strategies: Background, Comparison and Remarks](#) (Xu, 2007)

- (121) Security and Profit in China's Energy Policy (Tunsjo, 2013)
- (122) China's Superbank: Debt, Oil and Influence (Sanderson and Forsythe, 2013)

(S) CHINA POLLUTION AND CLIMATE

- (123) [Evidence on the Impact of Sustained Exposure to Air Pollution on Life Expectancy from China's Huai River Policy](#) (Chen et al, 2013)
- (124) [Winter heating or clean air? Unintended Impacts of China's Huai River Policy](#) (Almond et al, 2009)

(T) CHINA GENERAL HISTORY

- (125) Deng Xiaoping and the Transformation of China (Vogel, 2013)
- (126) Life and Death in Shanghai (Nien Cheng, 1995)
- (127) River Town: Two Years on the Yangtze (Hessler, 2002)
- (128) Hankow: Commerce and Society in a Chinese City 1796-1889 (Rowe, 2002)

(U) SOUTH AND EAST CHINA SEAS

- (129) The South China Sea: The Struggle for Power in Asia (Hayton, 2014)
- (130) [Maps Showing Geology, Oil and Gas Fields and Geologic Provinces of the Asia Pacific Region](#) (USGS, 1997)
- (131) [Assessment of Undiscovered Oil and Gas Resources of Southeast Asia](#) (USGS, 2010)
- (132) [Origin and History of the South China Sea Basin](#) (Taylor and Hayes, 1983)
- (133) [South China Sea](#) (Regional Analysis Brief) (EIA, 2013)
- (134) [Joint Development and the South China Sea](#) (Conference Proceedings) (National University of Singapore, 2011)
- (135) [Geopolitics Affecting the South China Sea](#) (2011)
- (136) [Notification and Statement of Claim](#) (Republic of the Philippines, Jan 2013)
- (137) [Position Paper of the Government of the People's Republic of China on the Matter of Jurisdiction in the South China Sea Arbitration](#) (MOFA, 2014)

(V) CENTRAL ASIA

- (138) The Great Game (Hopkirk, 1990)
- (139) Foreign Devils on the Silk Road (Hopkirk, 1980)

(W) ARCTIC ISSUES

- (140) The Arctic Gold Rush (Howard, 2009)

- (141) Energy Potential of the Russian Arctic Seas (Piskarev, 2012)
- (142) Arctic Offshore Engineering (Palmer, 2013)
- (143) [Managing for the Future in a Rapidly Changing Arctic](#) (Interagency Working Group, 2013)
- (144) [Shipping in Polar Waters: Development of an International Code of Safety for Ships Operating in Polar Waters](#) (IMO, 2014)

(X) RUSSIA OIL AND GAS

- (145) [Petroleum Geology and Resources of the West Siberian Basin](#) (USGS, 2013)

(Y) NORTH SEA OIL

- (146) Oil Markets and Prices: The Brent Market and the Formation of World Oil Prices (Mabro and Horsnell, 1993-98)
- (147) Official History of North Sea Oil and Gas (Kemp (no relation), 2012)

(Z) UK OIL AND GAS

- (148) [Unconventional Hydrocarbon Resources of Britain's Onshore Basins – Shale Gas](#) (British Geological Survey, 2012)
- (149) [Bowland Shale Gas Study](#) (British Geological Survey, 2013)
- (150) [Weald Shale Gas Study](#) (British Geological Survey, 2014)
- (151) [Alternative Fossil Fuels: Mineral Planning Factsheet](#) (British Geological Survey,
- (152) [Geology of the Wessex Coast of Southern England](#) (West/Southampton University, undated)
- (153) [Petroleum Geology of the South of England](#) (West/Southampton, undated)
- (154) [Star Energy Weald Basin versus Bocardo](#) (UK Supreme Court, 2010)

(AA) AFRICA RESOURCES

- (155) The New Kings of Crude: China, India and the Global Struggle for Oil in Sudan and South Sudan (Patey, 2014)

(BB) OIL SPILLS AND POLLUTION

- (156) The Basics of Oil Spill Cleanup (Fingas, 2013)
- (157) [Pipeline Accident Report: Enbridge Incorporated, Hazardous Liquid Pipeline Rupture and Release Marshall, Michigan 2010](#) (NTSB, 2012)
- (158) [Pipeline Safety: Better Data and Guidance Needed to Improve Pipeline Operator Incident Response](#) (GAO, 2013)

(CC) GAS AS A TRANSPORT FUEL

- (159) [Potential of liquefied natural gas use as a railroad fuel](#) (Chase, EIA, April 2014)
- (160) [An Evaluation of Natural Gas-fueled Locomotives](#) (BNSF, UP, AAR, 2007)
- (161) The Natural Gas Locomotive Project on Burlington Northern Railroad (Ditmeyer, 1993)
- (162) Safety Assessment of Alternative Locomotive Fuels (Los Alamos for Burlington Northern, 1990)

(DD) NATURAL GAS LIQUIDS

- (163) [Natural Gas Processing: The Crucial Link Between Natural Gas Production and its Transportation to Market](#) (EIA, 2006)
- (164) [Processing Natural Gas](#) (NaturalGas.org, undated)
- (165) [EIA's Proposed Definitions for Natural Gas Liquids](#) (EIA, 2013)
- (166) [Hydrocarbon Gas Liquids: Recent Market Trends and Issues](#) (EIA, 2014)

(EE) ELECTRICITY AND SECURITY

- (167) Brittle Power: Energy Strategy for National Security (Lovins, 1982)
- (168) Normal Accidents: Living with High-Risk Technologies (Perrow, 1984)
- (169) [Final Report on the August 14, 2003 Blackout in the United States and Canada: Causes and Recommendations](#) (2004)
- (170) [Polar Vortex Review](#) (NERC, 2014)
- (171) [The CEGB Story](#) (short history of Britain's grid) (Cochrane, 1990)
- (172) Energy, the State and the Market: British Energy Policy Since 1979 (Helm, 2003)
- (173) [Trends in the History of Large Blackouts in the United States](#) (Hines/IEEE, 2008)
- (174) [Glossary of gas and electricity terms](#) (National Grid, undated)
- (175) [Report of the Investigation into the Frequency Deviation and Automatic Demand Disconnection on 27th May 2008](#) (National Grid, 2009)

(FF) ENERGY EFFICIENCY

- (176) [The Art of Energy Efficiency: Protecting the Environment with Better Technology](#) (Art Rosenfeld, 1999)

(GG) SOLAR ACTIVITY AND GEOMAGNETIC STORMS

- (177) [Space Weather: Storms from the Sun](#) (Space Weather Prediction Center, undated)
- (178) [Severe Space Weather Events – Understanding Societal and Economic Impacts](#) (National Research Council, 2008)
- (179) [Electromagnetic Pulse: Effects on the U.S. Power Grid](#) (Oak Ridge National Laboratory, 2010)
- (180) [Geomagnetic Storms and their Impacts on the U.S. Power Grid](#) (Oak Ridge National Laboratory, 2010)

- (181) [A Major Solar Eruptive Event in July 2012: Defining Extreme Space Weather Scenarios](#) (Baker et al, 2013)
- (182) [Effects of Geomagnetic Disturbances on the Bulk Power System](#) (NERC, 2012)
- (183) [The Maunder Minimum: The Reign of Louis XIV Appears to Have Been a Time of Real Anomaly in the Behaviour of the Sun](#) (Eddy, 1976)
- (184) Planetary Geology: An Introduction (Vita-Finzi and Fortes, 2nd ed, 2013)

(HH) RENEWABLES AND GRID INTEGRATION

- (185) Analytical Methods for Energy Diversity and Security (Bazilian, 2008)
- (186) Renewable Energy in Power Systems (Freris, 2009)
- (187) Smart Grid: Integrating Renewable, Distributed and Efficient Energy (Sioshansi, 2012)
- (188) Delivering a Low-Carbon Electricity System: Technology, Economics and Policy (Grubb, 2008)
- (189) Renewable Electricity and the Grid: The Challenge of Variability (Boyle, 2007)
- (190) Smart Power: Climate Change, the Smart Grid, and the Future of Electric Utilities (Fox-Penner, 2010)
- (191) Biofuels, Solar and Wind as Renewable Energy Systems (Pimentel, 2008)
- (192) [Maintaining Bulk Power System Reliability While Integrating Variable Energy Resources](#) (NERC/CAISO, 2013)

(II) NUCLEAR POWER AND WEAPONS

- (193) The Nuclear Fuel Cycle: From Ore to Waste (Wilson, 1996)
- (194) Fundamentals of Nuclear Science and Engineering (Shultis, 2008)
- (195) Fusion: The Energy of the Universe (McCracken, 2013)
- (196) Command and Control (Schlosser, 2013)
- (197) Heisenberg's War: The Secret History of the German Bomb (Powers, 1990)

(JJ) COAL

- (198) Coal Energy Systems (Miller, 2005)
- (199) Combustion Engineering Issues for Solid Fuel Systems (Miller, 2008)

(KK) AIR POLLUTION

- (200) Fumifugium, or the Inconvenience of the Aer and Smoak of London Dissipated (Evelyn, 1661)

(LL) WATER AND DROUGHT

- (201) [Groundwater Depletion in the United States 1900-2008](#) (USGS, 2013)
- (202) [Estimated Water Use in the United States in 2005](#) (USGS, 2009)
- (203) [USGS Investigations of Water Produced During Hydrocarbon Reservoir Development](#) (USGS, 2014)
- (204) [Produced Water Volumes and Management Practices in the United States](#) (Argonne National Laboratory, 2009)
- (205) The Pastures of Heaven (Steinbeck, 1932)
- (206) East of Eden (Steinbeck, 1952)
- (207) [Causes and Predictability of the 2011-14 California Drought](#) (NOAA, 2014)

(MM) CLIMATE ISSUES

- (208) New Views on an Old Planet: A History of Global Change (Van Andel, 2008)
- (209) Atmosphere, Weather and Climate (Barry, 2010)

(NN) CARBON STORAGE, SYNFUELS AND FISCHER-TROPSCH

- (210) The New Synfuels Energy Pioneers (Steller, 2001)
- (211) Carbon Dioxide Capture and Storage (Intergovernmental Panel on Climate Change, 2005)
- (212) Hell's Cartel: IG Farben and the Making of Hitler's War Machine (Jeffreys, 2010)
- (213) [Carbon Capture and Storage Technology: Future Fossil Fuel Use and Mitigating Climate Change](#) (Florin and Fennell, 2010)
- (214) The [Energy Penalty of Post-Combustion CO2 Capture and Storage and its Implications for Retrofitting the U.S. Installed Base](#) (House et al, 2009)

(OO) RARE EARTHS AND CRITICAL MINERALS

- (215) [On the Materials Basis of Modern Society](#) (Graedel, 2013)
- (216) Minerals, Critical Minerals and the U.S. Economy (National Research Council, 2008)
- (217) Managing Materials for a Twenty-First Century Military (National Research Council, 2008)

(PP) FEDERAL HELIUM PROGRAM

- (218) [Selling the Nation's Helium Reserve](#) (National Research Council, 2010)
- (219) [Helium Program: Urgent Issues Facing BLM's Storage and Sale of Helium Reserves](#) (GAO, Feb 2013)
- (220) [Past, Present and Future of the Federal Helium Program](#) (U.S. House of Representatives Committee on Natural Resources, Feb 2013)
- (221) [Helium Stewardship Act of 2013](#) (U.S. Senate Committee on Energy and Natural Resources, May 2013)

(QQ) TRANSPORTATION ECONOMICS

- (222) The Box: How the Shipping Container Made the World Smaller and the World Economy Bigger (Levinson, 2006)
- (223) Prime Movers of Globalization: The History and Impact of Diesel Engines and Gas Turbines (Smil, 2010)
- (224) Airline Marketing and Management (Shaw, 2006)
- (225) Shipping Strategy: Innovating for Success (Lorange, 2009)
- (226) The Reshaping of Britain's Railways (HMSO, 1963)
- (227) [Collective hallucinations and inefficient markets: the British railway mania of the 1840s](#) (Odlyzko, 2010)
- (228) [Impact of Oil Prices on the Air Transportation Industry](#) (National Center of Excellence for Aviation Operations Research, March 2014)

(RR) PUBLIC POLICY

- (229) The Rhetoric of Reaction (Hirschman, 1991)
- (230) Exit, Voice and Loyalty: Responses to Decline in Firms. Organizations and States (Hirschman, 1970)
- (231) How Judges Think (Posner, 2008)
- (232) [The Echo Chamber: A Small Group of Lawyers and its Outsized Influence at the U.S. Supreme Court](#) (Reuters, 2014)
- (233) Capital Offense: How Washington's Wise Men Turned America's Future Over to Wall Street (Hirsh, 2010)
- (234) Freedom from Fear: The American People in Depression and War (Kennedy, 2001)
- (235) Curveball: Spies, Lies and the Con Man who Caused a War (Drogin, 2007)
- (236) The Rejection of Continental Drift: Theory and Method in American Earth Science (Oreskes, 1999)

(SS) RISK MANAGEMENT

- (237) Dealing with Fentorisks in International Relations (Frank et al/PNAS, 2014)

(TT) FUTURES MARKETS AND MANIPULATION

- (238) [Facts and Fantasies about Commodity Futures](#) (Gorton and Rouwenhorst, 2004/5)
- (239) Manipulation on Trial: Economic Analysis and the Hunt Silver Case (Williams, 1995)
- (240) [Cargill versus Hardin](#) (U.S. Court of Appeals, 8th Circuit, 1971)

(UU) REGULATION OF COMMODITY MARKETS

- (241) [Wall Street Bank Involvement with Physical Commodities](#) (U.S. Senate Permanent Subcommittee on Investigations, 2014)
- (242) [Federal Regulation of Margin in the Commodity Futures Industry – History and Theory](#) (Markham, undated)

(VV) HEDGE FUNDS AND VOLATILITY

- (243) Hedge Funds: An Analytical Perspective (Lo, 2008)
- (244) The Quants: How a Small Band of Maths Wizards Took Over Wall Street and Nearly Destroyed It (Patterson, 2010)
- (245) When Genius Failed: The Rise and Fall of Long-Term Capital Management (Lowenstein, 2001)
- (246) The Hedge Fund Mirage: The Illusion of Big Money and Why It's Too Good to be True (Lack, 2012)

(WW) FINANCE AND MARKETS

- (247) The General Theory of Employment, Interest and Money (Keynes, 1936)
- (248) The (Mis)Behaviour of Markets (Mandelbrot, 2004)
- (249) [The Variation of Certain Speculative Prices](#) (Mandelbrot, 1963)
- (250) A Monetary History of the United States (Friedman, 1963)
- (251) The Alchemy of Finance (Soros, 1987)
- (252) Why Stock Markets Crash: Critical Events in Complex Financial Systems (Sornette, 2003)
- (253) [Integrity, Fairness and Resolve: Lessons from Bill Taylor and the Last Financial Crisis](#) (Kansas Fed)
- (254) Irrational Exuberance (Shiller, 2005)
- (255) Animal Spirits: How Human Psychology Drives the Economy, and Why it Matters for Global Capitalism (Akerlof and Shiller, 2009)
- (256) The Panic of 1907: Lessons Learned from the Market's Perfect Storm (Bruner, 2007)
- (257) The Myth of the Rational Market: A History of Risk, Reward and Delusion on Wall Street (Fox, 2009)
- (258) Risk, Uncertainty and Profit (Knight, 1921)
- (259) Predatory Trading and Crowded Exits (Clunie, 2010)
- (260) A Random Walk Down Wall Street (Malkiel, 2007)
- (261) Priceless: The Hidden Psychology of Value (Poundstone, 2011)
- (262) Pandora's Risk: Uncertainty at the Core of Finance (Osband, 2011)
- (263) The Truth About Markets (Kay, 2004)
- (264) Stabilizing an Unstable Economy (Minsky, 2008)
- (265) Behavioural Finance (Forbes, 2009)
- (266) Oxford Handbook of Pricing Management (Ozer and Phillips, 2012)