

## Recommended Reading on Energy

**John Kemp**  
**Reuters**

- (A) [Energy systems](#)
- (B) [Energy transitions](#)
- (C) [Energy statistics](#)
- (D) [General oil history](#)
- (E) [OPEC history](#)
- (F) [Middle East politics](#)
- (G) [Energy and international relations](#)
- (H) [Energy and public opinion](#)
- (I) [Oil and the economy](#)
- (J) [Energy crisis of the 1970s](#)
- (K) [Energy data and analysis](#)
- (L) [Oil exploration and production](#)
- (M) [Shale history](#)
- (N) [Fracking and shale resources](#)
- (O) [Peak oil](#)
- (P) [Middle East oil fields](#)
- (Q) [Oil and gas leases](#)
- (R) [Oil refining](#)
- (S) [Oil tankers and shipping](#)
- (T) [Tank farms and storage](#)
- (U) [Petroleum economics](#)
- (V) [Oil in wartime](#)
- (W) [Oil and gas in the United States](#)
- (X) [Oil and gas in U.S. Southwest](#)
- (Y) [Early petroleum history](#)
- (Z) [Oil and gas in Canada](#)
- (AA) [Oil and gas in China](#)
- (BB) [China's overseas energy strategy](#)
- (CC) [China pollution and climate](#)
- (DD) [China general history](#)
- (EE) [South and East China Seas](#)
- (FF) [Central Asia](#)
- (GG) [Arctic issues](#)
- (HH) [Russia oil and gas](#)
- (II) [North Sea oil](#)
- (JJ) [UK oil and gas](#)
- (KK) [Africa resources](#)
- (LL) [Latin America oil and gas](#)
- (MM) [Oil spills and pollution](#)
- (NN) [Natural gas and LNG](#)
- (OO) [Gas as a transport fuel](#)
- (PP) [Natural Gas Liquids](#)
- (QQ) [Oil and gas lending](#)
- (RR) [Electricity and security](#)
- (SS) [Energy efficiency](#)
- (TT) [Solar activity and geomagnetic storms](#)
- (UU) [Renewables and grid integration](#)
- (VV) [Nuclear power and weapons](#)
- (WW) [Coal](#)
- (XX) [Air pollution](#)
- (YY) [Water and drought](#)
- (ZZ) [Climate issues](#)
- (AAA) [El Nino/Southern Oscillation](#)
- (BBB) [Carbon capture and storage, syngas](#)
- (CCC) [Rare earths and critical minerals](#)
- (DDD) [Federal Helium Program](#)
- (EEE) [Transport](#)
- (FFF) [Law of the Sea](#)
- (GGG) [Public policy](#)
- (HHH) [Risk management](#)
- (III) [Commodity price cycles](#)
- (JJJ) [Forecasting and analysis](#)
- (KKK) [Complexity and systems theory](#)
- (LLL) [Futures markets and manipulation](#)
- (MMM) [Regulation of commodity markets](#)
- (NNN) [Hedge funds and volatility](#)
- (OOO) [Finance and markets](#)
- (PPP) [Economics and markets](#)
- (QQQ) [Economic geography](#)
- (RRR) [Strategy, leadership and politics](#)
- (SSS) [Miscellaneous on style etc](#)

## (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) Energy and Society: An Introduction (Schobert, 2014)
- (4) Energy: Beginners Guide (Smil, 2017)
- (5) Handbook of Energy Efficiency and Renewable Energy (Kreith et al, 2007)
- (6) Handbook of Energy (2 vols) (Cleveland et al, 2013)
- (7) Power Density: A Key to Understanding Energy Sources and Uses (Smil, 2015)
- (8) Survey of World Energy Resources (World Energy Council, annual)
- (9) Energy Poverty: Global Challenges and Local Solutions (Halff et al, 2014)
- (10) [The Irreversible Momentum of Clean Energy](#) (Obama, 2017)
- (11) [Sustainable Energy Without the Hot Air](#) (McKay, 2008)
- (12) [Energy Flow Charts for the United States](#) (Lawrence Livermore National Laboratory, annual)
- (13) [Energy Primer: A Handbook of Energy Market Basics](#) (FERC, annual)

## (B) ENERGY TRANSITIONS

- (14) Energy Transitions: History, Requirements, Prospects (Smil, 2010)
- (15) Energy and Civilization: A History (Smil, 2017)
- (16) Energy in World History (Smil, 1994)
- (17) [How Long Will It Take? Conceptualizing the Temporal Dynamics of Energy Transitions](#) (Sovacool, 2016)
- (18) Heat, Power and Light: Revolutions in Energy Services (Fouquet, 2008)
- (19) Power to the People: Energy in Europe over the Last Five Centuries (Kander et al, 2013)
- (20) [Market Penetration Rates of New Energy Technologies](#) (Lund, 2006)
- (21) [The Slow Search for Solutions: Lessons from Historical Energy Transitions by Sector and Service](#) (Fouquet, 2010)
- (22) [Past and Prospective Energy Transitions: Insights from History](#) (Fouquet and Pearson, 2012)
- (23) [Fuel Wood used in the United States](#) (USDA/Reynolds and Pierson, 1942)
- (24) Energy in the American Economy 1850-1975: Its History and Prospects (Schurr et al, 1960)

## (C) ENERGY STATISTICS

- (25) BP Statistical Review of World Energy (BP, annual)
- (26) ENI World Oil and Gas Review (ENI, annual)

- (27) [Energy Production and Changing Energy Sources](#) (Our World in Data, website)
- (28) [Historical Statistics of the United States](#) (Census Bureau, 1975)

#### **(D) GENERAL OIL HISTORY**

- (29) Crude Volatility: The History and the Future of Boom-Bust Oil Prices (McNally, 2017)
- (30) A Century in Oil: The “Shell” Transport and Trading Company 1897-1997 (Howarth, 1997)
- (31) The History of Royal Dutch Shell (4 vols) (Howarth et al, 2007)
- (32) The History of the British Petroleum Company (3 vols) (Ferrier, 1982) (Bamberg, 2000 and 2009)
- (33) The History of the Standard Oil Company (2 vols) (Tarbell, 1904)
- (34) [Standard Oil Co of New Jersey v United States](#) (U.S. Supreme Court, 1911)
- (35) The International Petroleum Cartel: Staff Report to the Federal Trade Commission (FTC, 1952 and U.S. Senate, 1976)
- (36) [Multinational Oil Corporations and U.S. Foreign Policy](#) (U.S. Senate Committee on Foreign Relations, Subcommittee on Multinational Corporations, 1975)
- (37) The Control of Oil (Blair, 1976)
- (38) Oil: The Biggest Business (Tugendhat, 1968)
- (39) Adventure in Oil: The Story of British Petroleum (Longhurst, 1959)
- (40) [Bitumen – A History](#) (Bilkaldi/Aramco World, 1984)
- (41) [Where the World Gets its Oil](#) (Smith/National Geographic, 1920)
- (42) The American Petroleum Industry: The Age of Illumination 1859-1899 (Vol 1) (Williamson and Daum, 1959)
- (43) The American Petroleum Industry: The Age of Energy 1899-1959 (Vol 2) (Williamson et al, 1963)
- (44) The Age of Oil: The Mythology, History and Future of the World’s Most Controversial Resource (Maugeri, 2006)
- (45) Study in Power: John D Rockefeller, Industrialist and Philanthropist (Vols 1 and 2) (Nevins, 1953)
- (46) The Schlumberger Adventure: Two Brothers who Pioneered in Petroleum Technology (Schlumberger, 1982)
- (47) Schlumberger, the History of a Technique (Allaud and Martin, 1976)
- (48) [International Oil Companies: The Death of the Old Business Model](#) (Stevens, 2016)

#### **(E) OPEC HISTORY**

- (49) [OPEC and Other Commodity Cartels: A Comparison](#) (Alhajji and Huettner, 2000)
- (50) OPEC: The Inside Story (Terzian, 1985)
- (51) A History of OPEC (Rouhani, 1971)
- (52) OPEC: 25 Years of Prices and Politics (Skeet, 1988)
- (53) Genie Out of the Bottle: World Oil Since 1970 (Adelman, 1995)
- (54) Discounts in Disguise: Price Shaving by Members of OPEC (Bureau of Intelligence and Research, 1977)
- (55) Access to Oil: The United States’ Relationships with Saudi Arabia and Iran (U.S. Senate Committee on Energy and Natural Resources, 1977)
- (56) [Critical Factors Affecting Saudi Arabia’s Oil Decisions](#) (GAO, 1978)

- (57) [Shah Defends Increasing Oil Prices](#) (Shah Mohamed Reza Pahlavi, 1980)
- (58) Decadence and Downfall: the Shah of Iran's Ultimate Party (BBC/Storyville, 2016)
- (59) [How the Oil Glut is Changing Business](#) (Hershey/NYT, 1981)
- (60) [An Oil Surplus – For Now](#) (Yergin/NYT, 1985)
- (61) [Bush Sees Oil Glut Undermining U.S.](#) (McNulty/Chicago Tribune, 1986)
- (62) [The Cartel in Retreat](#) (Adelman, 1993)
- (63) [The Oil Price Crisis of 1998](#) (Mabro, 1998)
- (64) A Financial Analysis of Middle East Oil Concessions 1901-65 (Mikdash, 1966)
- (65) [On Oil Price Concepts](#) (Mabro, 1984)
- (66) OPEC in a Shale World (Ramady and Mahdi, 2015)
- (67) [Russia and OPEC: Uneasy Partners](#) (OIES/Henderson and Fattouh, 2016)
- (68) [The Dynamics of the Revenue Maximisation-Market Share Trade-Off: Saudi Arabia's Oil Policy in the 2014-2015 Price Fall](#) (Fattouh et al, 2015)
- (69) [OPEC Announcements and their Effect on Crude Oil Prices](#) (Lin and Tamvakis, 2010)

## **(F) MIDDLE EAST POLITICS**

- (70) Desert Kingdom: How Oil and Water Forged Modern Saudi Arabia (Jones, 2010)
- (71) Khomeini: Life of the Ayatollah (Moin, 1999)
- (72) The Oasis of Al-Hasa (Vidal/Aramco, 1955)
- (73) Sa'udi Arabia (Philby, 1955)
- (74) Arabia of the Wahhabis (Philby, 1977)
- (75) Arabian Oil Ventures (Philby, 1964)
- (76) Arabian Jubilee (Philby, 1953)
- (77) Saudi Arabia (Twitchell, 1958)
- (78) Two Kings in Arabia: Sir Reader Bullard's Letters from Jeddah (Bullard, 1999)
- (79) Letters from Tehran: A British Ambassador in World War II Persia (Bullard, 1991)
- (80) The Camels Must Go: An Autobiography (Bullard, 1961)
- (81) Britain and the Middle East from Earliest Times to 1950 (Bullard, 1951)
- (82) Lords of the Desert: The Battle Between the United States and Great Britain for Supremacy in the Modern Middle East (Barr, 2018)
- (83) Buraimi: The Struggle for Power, Influence and Oil in Arabia (Morton, 2013)
- (84) Aramco Reports on Al-Hasa and Oman 1950-1955 (4 vols) (Mulligan et al/Aramco Research Department, 1990)
- (85) [A King and a Concession](#) (Lunde/Aramco World, 1984)
- (86) [A Kingdom and a Company](#) (Mulligan/Aramco World, 1984)
- (87) Aramco, the United States and Saudi Arabia: A Study of the Dynamics of Foreign Oil Policy 1933-1950 (Anderson, 1981)
- (88) King Faisal of Saudi Arabia: Personality, Faith and Times (Vassiliev, 2012)
- (89) The Caravan Goes On: How Aramco and Saudi Arabia Grew Up Together (Jungers, 2013)

- (90) Blood and Oil: A Prince's Memoir of Iran from the Shah to the Ayatollah (Farmanfarmaian, 1997)
- (91) The Pirate Coast (Belgrave, 1966)
- (92) Yamani: the Inside Story (Robinson, 1988)
- (93) Saudi Inc.: The Arabian Kingdom's Pursuit of Profit and Power (Wald, 2018)
- (94) Saudi Arabia and the United States: Birth of a Security Partnership (Hart, 1998)
- (95) [Saudi Arabia: Background and U.S. Relations](#) (CRS/Blanchard, 2015)
- (96) [Saudi Arabia: Background and U.S. Relations](#) (CRS/Blanchard, 2010)
- (97) [Saudi Arabia: Background and U.S. Relations](#) (CRS/Blanchard, 2009)
- (98) [Will Saudi Arabia Acquire Nuclear Weapons?](#) (NTI/Amlin, 2008)
- (99) The Politics of Oil and Revolution in Iran (Bakhash, 1982)
- (100) [Can Rouhani Revitalize Iran's Oil and Gas Industry?](#) (Habibi, 2014)
- (101) [Political, ethnic, religious and tribal maps of the Middle East](#) (Gulf 2000/SIPA, website)
- (102) The Other Saudis: Shiism, Dissent and Sectarianism (Matthiesen, 2015)
- (103) [Saudi Arabia Profile – Timeline](#) (BBC, 2015)
- (104) Energy to the World: the Story of Saudi Aramco [Volume 1](#) and [Volume 2](#) (Saudi Aramco, 2011)
- (105) Princes, Brokers and Bureaucrats: Oil and the State in Saudi Arabia (Hertog, 2010)
- (106) The Siege of Mecca: The Forgotten Uprising in Islam's Holiest Shrine and the Birth of Al Qaeda (Trofimov, 2007)
- (107) Saudi Arabia: The Making of a Financial Giant (Young, 1983)
- (108) [Human Capital and the Future of the Gulf](#) (CSIS/Barnett, 2015)
- (109) [Moving Saudi Arabia's Economy Beyond Oil](#) (McKinsey Global Institute, 2015)
- (110) [Saudi Vision 2030](#) (Kingdom of Saudi Arabia, 2016)
- (111) A Note on the Red Line Agreement (Stivers/Diplomatic History, 1983)

## **(G) ENERGY AND INTERNATIONAL RELATIONS**

- (112) Oil Fuel Supply for H. M. Navy (Churchill, 1913)
- (113) [The Royal Navy's Fuel Supplies 1898-1939: The Transition from Coal to Oil](#) (Brown, 2003)
- (114) [Stokers: The Lowest of the Low? A Social History of Royal Navy Stokers 1850-1950](#) (Chamberlain, 2013)
- (115) Royal Commission on Fuel and Engines: Final Report (National Archives, 1914)
- (116) Petroleum as a Substitute for Coal in Steamships (Colburn's United Service Magazine, 1865)
- (117) The Coming Deluge of Russian Petroleum and its Bearing on British Trade (Marvin, 1887)
- (118) The Coming Oil Age: Petroleum – Past, Present and Future (Marvin, 1889)
- (119) [Oil Scarcity Ideology in U.S. National Security Policy 1909-1980](#) (Stern, 2012)
- (120) The Oil Import Question: A Report on the Relationship of Oil Imports to the National Security (Cabinet Task Force on Oil Import Control, 1970)
- (121) [The Real Oil Problem](#) (Adelman, 2004)
- (122) [The Oil Crisis: This Time the Wolf is Here](#) (Akins, 1973)

- (123) [The History of the International Energy Agency: IEA The First 20 Years](#) (3 volumes) (OECD/IEA/Scott, 1994)
- (124) [The Soviet Collapse: Grain and Oil](#) (Gaidar, 2007)
- (125) [Collapse of an Empire: Lessons for Modern Russia](#) (Gaidar, 2008)
- (126) [Navigating the U.S. oil export debate](#) (Bordoff and Houser, 2015)
- (127) [The Economics and Politics of Oil Price Regulation](#) (Kalt, 1981)
- (128) [Moral Equivalent of War Speech: Proposed Energy Policy](#) (Carter, 1977)
- (129) [National Energy Program Fact Sheet on the President's Program](#) (Carter, 1977)
- (130) [National Energy Plan: Address Delivered Before a Joint Session of the Congress](#) (Carter, 1977)
- (131) [National Energy Plan: Address to the Nation](#) (Carter, 1977)
- (132) [Oil Fields as Military Objectives: A Feasibility Study](#) (Congressional Research Service, 1975)
- (133) [The Top-Secret Cold War Plan to Keep Soviet Hands Off Middle Eastern Oil](#) (Everly/Politico, 2016)
- (134) [Energy: Global Prospects 1985-2000](#) (Workshop on Alternative Energy Strategies, 1976-77)

## **(H) ENERGY AND PUBLIC OPINION**

- (135) [Energy Shortage Regarded as Serious by Most Americans](#) (Harris Survey, 1973)
- (136) [Roll-Back and Freeze on Prices of Food and Gasoline Favored](#) (Harris Survey, 1973)
- (137) [Americans Willing to Make Sacrifices to Conserve Energy](#) (Harris Survey, 1973)
- (138) [Americans Less Certain About Seriousness of Energy Shortage](#) (Harris Survey, 1974)
- (139) [Oil and Politics: Blaming the Petropowers](#) (Harris Survey, 1975)
- (140) [Business Gets Inflation Blame](#) (Harris Survey, 1975)
- (141) [Sources of Energy for the Future](#) (Harris Survey, 1976)
- (142) [Energy Crisis Has Many Causes](#) (Harris Survey, 1977)
- (143) [Anti-Arab Sentiment in Boycott, Oil Prices](#) (Harris Survey, 1977)
- (144) [Foreign Oil Considered Main Reason for U.S. Energy Problem](#) (Harris Survey, 1979)
- (145) [Majority of Americans Favor President Carter's Energy Proposals](#) (Harris Survey, 1979)

## **(I) OIL AND THE ECONOMY**

- (146) [Dynamic Demand Analyses for Gasoline and Residential Electricity](#) (Houthakker et al, 1974)
- (147) [Economics of Worldwide Stagflation](#) (Bruno and Sachs, 1985)
- (148) [Systematic Monetary Policy and the Effects of Oil Price Shocks](#) (Bernanke et al, 1997)
- (149) [Oil Prices and the Global Economy](#) (IMF, 2016)
- (150) [Lower Oil Prices and the U.S. Economy: Is This Time Different?](#) (Baumeister and Kilian, 2016)
- (151) [Anticipation, Tax Avoidance and the Price Elasticity of Gasoline Demand](#) (Coglianese et al, 2015)
- (152) [Review of Income and Price Elasticities in the Demand for Road Traffic](#) (Hanly et al/UK Department for Transport, 2002)

- (153) [A Meta-Analysis of the Price Elasticity of Gasoline Demand](#) (Brons et al, 2006)
- (154) [Saudi Arabia's Exchange Rate Policy: It's Impact on Historical Economic Performance](#) (Saudi Arabian Monetary Agency, 2016)

#### **(J) ENERGY CRISIS OF THE 1970s**

- (155) [Outlook for energy in the United States](#) (Emerson, Bulletin of the Atomic Scientists, 1971)
- (156) [Energy policy-making](#) (White, Bulletin of the Atomic Scientists, 1971)
- (157) [Toward a policy of energy conservation](#) (Freeman, Bulletin of the Atomic Scientists, 1971)
- (158) [The Economy, Energy and the Environment](#) (Joint Economic Committee of the US Congress, 1970)
- (159) [Review and comparison of selected United States Energy Forecasts](#) (U.S. Office of Science and Technology, 1969)
- (160) [Gas Crisis has Complicated Origins](#) (Rattner/NYT, 1977)
- (161) [The History of the International Energy Agency: Origins and Structure](#) (volume 1) (IEA, 1994)
- (162) [The History of the International Energy Agency: Major Policies and Actions](#) (volume 2) (IEA, 1994)
- (163) [The History of the International Energy Agency: Principal Documents](#) (volume 3) (IEA, 1994)

#### **(K) ENERGY DATA AND ANALYSIS**

- (164) The Politics of Mistrust: Estimating American Oil and Gas Resources (Managing Information) (Wildavsky, 1981)
- (165) [Actions Needed to Improve Federal Efforts in Collecting, Analyzing, and Reporting Energy Data](#) (GAO, 1974)
- (166) An Examination of Fuel and Energy Information Sources (Mitre Corporation, 1971)
- (167) Energy Data in the United States (Department of Interior, 1973)
- (168) Energy Data Requirements of the Federal Government (U.S. Congress, House Permanent Select Committee on Small Business, 1974)
- (169) [There Are No Missing Barrels: Our Oil Markets Are Tightening](#) (Simmons, 1999)
- (170) [International Energy Agency: How the Agency Prepares its World Oil Market Statistics](#) (GAO, 1999)
- (171) [JODI Oil Manual 2nd Edition](#) (Joint Organisations Data Initiative, undated)

#### **(L) OIL EXPLORATION AND PRODUCTION**

- (172) Petroleum Geology, Exploration, Drilling and Production (Hyne, 2001)
- (173) Dictionary of Petroleum Exploration, Drilling and Production (2nd edition) (Hyne, 2014)
- (174) Trek of the Oil Finders: A History of Exploration for Petroleum (Owen, 1975)
- (175) History of Oil Well Drilling (Brantly, 1971)
- (176) World Atlas of Oil and Gas Basins (Guoyu, 2011)
- (177) Hydrocarbon Exploration and Production (Jahn, 2008)
- (178) [Guidelines for Application of the Petroleum Resources Management System](#) (Society of Petroleum Engineers, 2011)
- (179) Elements of Petroleum Geology (Selley, 1998)

- (180) Basin Analysis: Principles and Application to Petroleum Assessment (Allen and Allen, 2013)
- (181) Unconventional Petroleum Geology (Zou, 2013)
- (182) [Sedimentary Rocks and Sedimentary Basins](#) (Toro, undated slides)
- (183) [Robertson Tellus Sedimentary Basins of the World Map](#) (AAPG, undated)
- (184) Sedimentary Environments: Processes, Facies and Stratigraphy (Reading, 1996)
- (185) [Evaluation of Drilling Rig Performance Characteristics](#) (Foulston, 2009)
- (186) [Famous Gushers of the World](#) (San Joaquin Valley Geology, undated)
- (187) [The Future of Reservoir Management](#) (Middle East and Asia Reservoir Review) (Schlumberger, 2004)
- (188) [Profiles of Reservoir Properties of Oil-Bearing Plays for Selected Petroleum Provinces in the United States](#) (USGS, 2015)
- (189) [Coal and Petroleum Resources of the Appalachian Basin](#) (USGS, 2015)
- (190) [Reserve Growth of Oil and Gas Fields: Investigations and Applications](#) (USGS, 2013)
- (191) [Reserve Growth Effects on Estimates of Oil and Gas Resources](#) (USGS, 2000)
- (192) [Plugging and Abandonment of Oil and Gas Wells](#) (National Petroleum Council, 2011)

#### **(M) SHALE HISTORY**

- (193) [Hydraulic Fracturing: History of an Enduring Technology](#) (Montgomery and Smith, 2010)
- (194) [Shooters: A “Fracking” History](#) (American Oil and Gas Historical Society, undated)
- (195) [Geologically Oriented Overview of Horizontal Drilling in the United States](#) (Schmoker/USGS, 1992)
- (196) [Fracking Patents: The Emergence of Patents as Information Containment Tools in Shale Drilling](#) (Cahoy et al, 2012)
- (197) [Drilling sideways: a review of horizontal well technology and its domestic application](#) (EIA, 1993)
- (198) [Horizontal highlights: Middle East Well Evaluation Review](#) (Schlumberger, 1996)
- (199) [Horizontal drilling: a technological marvel ignored](#) (Forbes, Jan 2013)
- (200) [The Soviet Program for Peaceful Uses of Nuclear Energy](#) (Nordyke, 1998)
- (201) [Where It All Began: A Quarter Century After The First Canadian Horizontal Well Was Drilled](#) (McKenzie-Brown, 2012)
- (202) [Trends in Hydraulic Fracturing Distributions and Treatment Fluids, Additives, Proppants and Water Volumes in the United States](#) (USGS, 2014)
- (203) [Data Regarding Hydraulic Fracturing Distributions and Treatment Fluids, Additives, Proppants and Water Volumes in the United States 1947-2010](#) (USGS, 2014)

#### **(N) FRACKING AND SHALE RESOURCES**

- (204) [Technically Recoverable Shale Oil and Shale Gas Resources: An Assessment of 137 Shale Formations in 41 Countries](#) (EIA, 2013)
- (205) [Hydraulic Fracturing 101](#) (King, 2012)
- (206) Fundamentals of Shale Gas Reservoirs (Rezaee, 2015)
- (207) [Unlocking the Potential of Unconventional Reservoirs](#) (Schlumberger, 2015)
- (208) [Defining Permeability: Flow Through Pores](#) (Schlumberger, 2014)



- (209) [Myth and realities of the shale oil and gas developments](#) (Mott MacDonald, 2013)
- (210) [What Size of Earthquakes Can Be Caused by Fracking?](#) (Durham Energy Institute, 2013)
- (211) Induced Seismicity Potential in Energy Technologies (National Research Council, 2013)
- (212) [Incorporating Induced Seismicity in the 2014 United States National Seismic Hazard Model](#) (USGS, 2015)
- (213) [Cumulative Earthquakes in the United States 1973-2014](#) (USGS, 2015)
- (214) [Map of Areas of Increased Rates of Induced Seismicity in the United States](#) (USGS, 2015)
- (215) Myths and Facts on Wastewater Injection, Hydraulic Fracturing, Enhanced Oil Recovery and Induced Seismicity (Rubenstein and Mahani, 2015)
- (216) [Hydraulic Fracturing and Water Resources](#) (Muehlenbachs and Olmstead, 2014)
- (217) [Shale Development and Agriculture](#) (Hitaj et al, 2014)

## **(O) PEAK OIL**

- (218) The Coal Question: An Enquiry Concerning the Progress of the Nation and the Probable Exhaustion of the Coal Mines (Jevons, 1866)
- (219) Final Report of the Royal Commission on Coal Supplies (HMSO, 1905)
- (220) The Decline and Ultimate Production of Oil Wells (Beal, 1919)
- (221) Petroleum Resources of the World (USGS/White, 1920)
- (222) Report of the Federal Oil Conservation Board to the President of the United States (FOCB, 1926)
- (223) [Resources for Freedom: A Report to the President](#) (President's Materials Policy Commission, 1952)
- (224) Proclamation Touching Glass (King James I, 1615)
- (225) Essay on the Principle of Population (Malthus, 1798)
- (226) Oil, the Dwindling Treasure (National Geographic/Grove, 1974)
- (227) Towards Project Interdependence (Franssen, 1975)
- (228) [Nuclear Energy and the Fossil Fuels](#) (King, 1956)
- (229) [Peaking of World Oil Production: Impacts, Mitigation and Risk Management](#) (Hirsch, 2005)
- (230) Twilight in the Desert: The Coming Saudi Oil Shock and the World Economy (Simmons, 2005)
- (231) The Myth of the Oil Crisis (Mills, 2008)
- (232) Market Madness: A Century of Oil Panics, Crises and Crashes (Clayton, 2015)
- (233) [Unconventional Resources – Are They In Our Future?](#) (Ahlbrandt/USGS, 1992)
- (234) The Oracle of Oil: A Maverick Geologist's Quest for a Sustainable Future (Inman, 2016)

## **(P) MIDDLE EAST OIL FIELDS**

- (235) [The Ghawar Oil Field, Saudi Arabia](#) (Croft, undated)
- (236) [Seven Wells of Dammam](#) (Aramco, 1963)
- (237) [Geology of the Arabian Peninsula](#) (USGS, 1966)
- (238) [Paleo-Geology of the Middle East](#) (undated)

- (239) [Reservoir Characterization of Arab-D Super-K as a Discrete Fracture Network Flow System, Ghawar Field](#) (Voelker, 2004)
- (240) The Persian Gulf Basin: Geological History, Sedimentary Formations and Petroleum Potential (Konyuhov and Maleki, 2005)
- (241) [Power for the Future](#) (Modern Oil Exploration in Iran) (Schlumberger, 2001)
- (242) [Buried Treasure](#) (Oil Has Played Its Part in the Middle East for Thousands of Years) (Schlumberger, 2001)
- (243) [A Portrait in Oils](#) (The Earliest Oil Concession in Saudi Arabia) (Schlumberger, 2001)
- (244) Sedimentary Basins and Petroleum Geology of the Middle East (Alshahran and Nairn, 1997)
- (245) [Naft Safid Oil Well Fire Newsreel](#) (1951)
- (246) [Naft Safid Oil Well Fire Footage](#) (Pathe, 1951)
- (247) [The Petroleum Industry of Iran](#) (Nahai and Kimbell/U.S. Bureau of Mines, 1963)
- (248) Economic Geology of Iran: Mineral Deposits and Natural Resources (Ghorbani, 2013)
- (249) [The Future of Saudi Arabian Oil Production](#) (Subcommittee on International Economic Policy, Committee on Foreign Relations, U.S. Senate, 1979)
- (250) [Fifty-Year Crude Oil Supply Scenarios: Saudi Aramco's Perspective](#) (Baqi and Saleri/Aramco-CSIS, 2004)

## **(Q) OIL AND GAS LEASES**

- (251) [North Dakota Oil and Gas Leasing Considerations](#) (Cooperative Extension Service, 2006)
- (252) [Oil and Gas Leasing in Montana](#) (Fitzgerald, 2012)
- (253) [Importance of Mineral Rights and Royalty Interests for Rural Residents and Landowners](#) (Fitzgerald, 2014)
- (254) International Petroleum Fiscal Systems and Production Sharing Contracts (Johnston, 1994)
- (255) Oil and Governance: State-Owned Enterprises and the World Energy Supply (Victor, 2012)
- (256) Fundamentals of Oil and Gas Accounting (Wright and Gallun, 2008)

## **(R) OIL REFINING**

- (257) [Petroleum Refining Process](#) (Occupational Health and Safety Administration, Technical Manual, undated)
- (258) Basics of Refining and Optimization (Valero, investor presentation 2017)
- (259) The Refinery of the Future (Speight, 2010)
- (260) Chemistry of Fossil Fuels and Biofuels (Schobert, 2013)
- (261) Petroleum Refining in Nontechnical Language (Leffler, 4th edition, 2008)
- (262) Fuel and Lube Oil: The Complete Manual for the Marine Industry (Parker Kittiwake, 2017)
- (263) Refining Processes Handbook (Parkash, 2003)
- (264) Petroleum Refining: Technology and Economics (Gary et al, 2007)
- (265) Oil 101 (Downey, 2009)
- (266) [Introduction to Petroleum Refining and the Production of Ultra Low Sulfur Gasoline and Diesel Fuel](#) (MathPro, 2011)
- (267) [The Role and Future of the UK Refining Sector in the Supply of Petroleum Products](#) (Purvin & Gertz, 2013)
- (268) [Oil Refineries and Bulk Storage of Crude Oil and Petroleum Products](#) (UK Department of Environment, 1995)

- (269) [Water Requirements of the Carbon-Black Industry](#) (USGS, 1956)
- (270) [A Brief History of Linear and Mixed-Integer Programming Computation](#) (Bixby, 2012)
- (271) [Everything You Need to Know About Marine Fuels](#) (Chevron, 2012)
- (272) [Water Phase Separation in Oxygenated Gasoline](#) (EPA, 1996)
- (273) [A Primer on Gasoline Blending](#) (Energy Policy Research Foundation, 2015)
- (274) [Model-based Real-time Optimisation of Automotive Gasoline Blending Operations](#) (Singh et al/Journal of Process Control, 2000)
- (275) [Diesel Fuels Technical Review](#) (Chevron, 2007)

## **(S) OIL TANKERS AND SHIPPING**

- (276) Thirty-Five Years of Oil Transport: The Evolution of the Tank Steamer (Henry, 1907)
- (277) Sea Shell: The Story of Shell's British Tanker Fleets 1892-1992 (Howarth, 1992)
- (278) Supership (Mostert, 1974)
- (279) Tankers (Merchant Ships of the World) (Sawyer and Mitchell, 1967)
- (280) [Record-Low Water Levels on Rhine River are Disrupting Fuel Shipments](#) (EIA, 2015)

## **(T) TANK FARMS AND STORAGE**

- (281) World Oil Inventories (Exxon Public Affairs Department, 1981)
- (282) [Petroleum Storage and Transportation: Inventories and Storage](#) (NPC, 1989)
- (283) [U.S. Petroleum Product Supply: Inventory Dynamics](#) (NPC, 1998)
- (284) Aboveground Storage Tanks (Myers, 1997)
- (285) [Louisiana Offshore Oil Port Presentation](#) (LOOP, 2014)
- (286) [Louisiana Offshore Oil Port Written Statement](#) (LOOP, 2014)
- (287) [Planning and Scheduling for Petroleum Refineries using Mathematical Programming](#) (Joly et al, 2002)
- (288) [Optimal Scheduling of Refinery Crude Oil Operations](#) (Mouret, 2010)
- (289) [Short-Term Scheduling for Refinery Process](#) (Wu et al, 2005)
- (290) [Crude Oil Scheduling in Refinery Operations](#) (Reddy, 2003)
- (291) [The Strategic Petroleum Reserve: Policy Challenges in Managing the Nation's Strategic Oil Stock](#) (Shages, 2014)
- (292) [Depleting the Reserve: Cumulative Impact of SPR and Other Considerations](#) (U.S. Senate Committee on Energy and Natural Resources, 2015)

## **(U) PETROLEUM ECONOMICS**

- (293) Essentials of Petroleum: A Key to Oil Economics (Frankel, 1946 and 1969)
- (294) Oil: Stabilization or Conservation? (Watkins, 1937)
- (295) [Few Transportation Fuels Surpass the Energy Densities of Gasoline and Diesel](#) (EIA, 2013)

- (296) [Modelling the Oil Producers: Capturing Industry Knowledge in a Behavioural Simulation Model](#) (Morecroft and Heijden, 1990)

#### **(V) OIL IN WARTIME**

- (297) The Shell that Hit Germany Hardest (Shell in the First World War) (Smith/Shell, 1920)  
(298) A History of the Petroleum Administration for War 1941-1945 (Frey, 1946)  
(299) Fightin' Oil (Ickes, 1943)  
(300) [Big Inch and Little Big Inch](#) (Texas State Historical Association, 2010)  
(301) [The Big Inch and Little Big Inch Pipelines: The Most Amazing Government-Industry Cooperation Ever Achieved](#) (TETCO, 2000)  
(302) [Oil History: Tank Cars: World War II](#) (Pees, undated)  
(303) Oil for Victory (Look, 1946)  
(304) [Railway Traffic Expansion and Use of Resources in World War II](#) (Hultgren, 1944)  
(305) [England's Oil Boom](#) (Chicago Tribune, 1944)  
(306) [Roughnecks of Sherwood Forest](#) (American Oil and Gas Historical Society, undated)  
(307) The Secret of Sherwood Forest: Oil Production in England during World War II (Woodward and Woodward, 1973)

#### **(W) OIL AND GAS IN THE UNITED STATES**

- (308) Oil, Gas and Government (Bradley, 2 vols, 1996)  
(309) Energy Policy in America since 1945: A Study of Business-Government Relations (Viotor, 1987)  
(310) Hot Oil: The Problem of Petroleum (Pettengill, 1936)  
(311) Petroleum Conservation (Buckley, American Institute of Mining and Metallurgical Engineers, 1951)  
(312) Petroleum Conservation in the United States: An Economic Analysis (McDonald, 1971)  
(313) Economic Aspects of Oil Conservation Regulation (Lovejoy and Homan, 1967)  
(314) Conservation and the Gospel of Efficiency: The Progressive Conservation Movement 1890-1920 (Hays, 1959)  
(315) Mud, Sweat and Oil: The Early Days in the Williston Basin (Shemorry, 1991)  
(316) An Appraisal of the Petroleum Industry of the United States (U.S. Bureau of Mines, 1965)  
(317) [Organic-Rich Shale of the United States and World Land Areas](#) (Duncan and Swanson/USGS, 1966)  
(318) [Association of American State Geologists: Centennial History 1908-2008](#) (Cobb/AASG, 2008)  
(319) [The 50th Anniversary of the Discovery of Oil in North Dakota](#) (Bluemle/North Dakota Geological Survey, 2001)  
(320) [North Dakota Stratigraphic Column](#) (North Dakota Geological Survey, 2009)  
(321) [Rockefeller's Right Hand Man: Henry Flagler](#) (Roberts, undated)  
(322) [Famous Gushers of California](#) (San Joaquin Valley Geology, undated)  
(323) [Research on Energy Resources](#) (8th Forum) (USGS, 1992)  
(324) [Energy and the Environment](#) (10th Forum) (USGS, 1995)  
(325) [A Retrospective Review of Shale Gas Development in the United States: What Led to the Boom?](#) (Wang/Krupnick, 2013)

- (326) [George P Mitchell: Founder of Shale Gas – Here’s How He and His Team Did It](#) (Pierobon, 2013)
- (327) [A Brief History of North Dakota Oil Production](#) (Christensen, undated)
- (328) Prudent Development: Realizing the Potential of North America’s Abundant Natural Gas and Oil Resources (National Petroleum Council, 2011)
- (329) [Assessment of Undiscovered Oil and Gas Resources of the Anadarko Basin Province 2010](#) (USGS, 2014)
- (330) [Changing Crude Oil Markets: Allowing Exports Could Reduce Consumer Fuel Prices, and the Strategic Reserves Should Be Reexamined](#) (GAO, 2014)
- (331) [Technical Options for Processing Additional Light Tight Oil Volumes within the United States](#) (EIA, 2015)
- (332) [Department of State Record of Decision and National Interest Decision Re Keystone Pipeline](#) (State Department, 2015)
- (333) [History of the Federal Gasoline Tax: When Did the Federal Government Begin Collecting the Gas Tax](#) (FHWA, 2015)
- (334) The Federal Gasoline Tax at a Glance: A History (Sweet, 1993)
- (335) [The Federal Excise Tax on Motor Fuels and the Highway Trust Fund: Current Law and Legislative History](#) (CRS/Lowry, 2015)
- (336) [Subsidence at the Port of Long Beach](#) (City of Long Beach Oil and Gas Department, undated webpage)
- (337) The Elusive Bonanza (Welles, 1970)
- (338) Prospects for Oil Shale Development (U.S. Department of the Interior, 1968)

## **(X) OIL AND GAS IN U.S. SOUTHWEST**

- (339) Flush Production: The Epic of Oil in the Gulf Southwest (Forbes, 1942)
- (340) Oil in Texas: The Gusher Age 1895-1945 (Olien and Olien, 2002)
- (341) The Last Boom: The Exciting Saga of the Discovery of the Greatest Oil Field in America (Clark and Halbouty, 1972)
- (342) The Big Rich: The Rise and Fall of the Greatest Texas Oil Fortunes (Burrough, 2009)
- (343) [East Texas Oilfield: Handbook of Texas Online](#) (Smith/Texas State Historical Association, 2010)
- (344) Petroleum Politics and the Texas Railroad Commission (Prindle, 1981)
- (345) [Railroad Commission of Texas: Self Evaluation Report](#) (RRC, 2009)
- (346) Atlas of Major Texas Oil Reservoirs (Galloway et al, 1983)
- (347) [Play Analysis and Digital Portfolio of Major Oil Reservoirs in the Permian Basin](#) (Dutton et al/Bureau of Economic Geology, 2004)
- (348) [Petroleum Geology and Hydrocarbon Plays of the Permian Basin Petroleum Province](#) (USGS/Robinson, 1988)
- (349) Sedimentation, Tectonism and Hydrocarbon Generation in Delaware Basin, West Texas and Southeastern New Mexico (Hills, 1984)
- (350) [The Economic Impact of the Permian Basin’s Oil and Gas Industry](#) (Ewing et al/Permian Basin Petroleum Association, 2014)
- (351) Petroleum Geology of the Permian Basin (Wright/West Texas Geological Society, 1979)

## **(Y) EARLY PETROLEUM HISTORY**

- (352) [History of the World Petroleum Industry](#) (Russum, 2012)
- (353) Studies in Ancient Technology: Bitumen and Petroleum in Antiquity (Forbes, 1993)
- (354) Studies in Early Petroleum History (Forbes, 1958)
- (355) More Studies in Early Petroleum History 1860-1880 (Forbes, 1976)

- (356) A Short History of the Art of Distillation (Forbes, 2009)
- (357) Pliny the Elder on Science and Technology (Healy, 1999)
- (358) Georgius Agricola and the Invention of Petroleum (McDonald, 2011)
- (359) A History of Greek Fire and Gunpowder (Partington, 1960 and 1999)
- (360) A Possible Solution to the Problem of Greek Fire (Haldon and Byrne, 1977)
- (361) Prehistoric Petroleum Use in Pennsylvania (Thomas, undated)
- (362) Antiquities and Curiosities of Western Pennsylvania (Alden, 1820)
- (363) The Saliferous Rock Formation in the Valley of the Ohio (Hildreth, 1833)
- (364) Notice of a Fountain of Petroleum called the Oil Spring (Silliman, 1833)
- (365) Birth of the Oil Industry (Giddens, 1939)
- (366) Pennsylvania Petroleum 1750-1872: A Documentary History (Giddens, 1947)
- (367) Early Days of Oil (Giddens, 1948)
- (368) The Early and Later History of Petroleum, with Authentic Facts in Regard to its Development in Western Pennsylvania (Henry, 1873)
- (369) The Derrick's Handbook of Petroleum: A Complete Chronological and Statistical Review of Petroleum Developments 1859-1899 (vols 1 and 2)
- (370) [The First Oil Well: The Birth of a Great Industry](#) (Newberry, 1890)
- (371) [Petroleum: A History of the Oil Region of Venango County](#) (Eaton, 1865)
- (372) [The Art of Distillation and the Dawn of the Hydrocarbon Society](#) (Saltzman, Bulletin of the History of Chemistry, 1999)
- (373) Report on the Rock Oil, or Petroleum, from Venango Co., Pennsylvania (Silliman, 1855)
- (374) The Birth of the Oil Industry (Giddens, 1938)
- (375) Dr Gesner's Kerosene: The Start of American Oil Refining (Beaton, Business History Review, 1955)
- (376) Practical Treatise on Coal, Petroleum and Other Distilled Oils (Gesner, 1861)
- (377) Derrick and Drill, Or An Insight Into the Discovery, Development and Present Condition and Future Prospects of the Petroleum Industry (Morris, 1865)
- (378) [Natural Oil and Gas Seeps in California](#) (USGS, undated)
- (379) Onshore Oil and Gas Seeps in California (Hodgson/California Department of Conservation, 1980 and 1987)
- (380) [Geology of Petroleum](#) (Emmons, 1920)
- (381) An Account of the Salt Industry at Tzu-liu-ching (Li Jung, 1890 and 1948)
- (382) Salt (Kurlansky, 2002)
- (383) The Merchants of Zigong: Industrial Entrepreneurship in Early Modern China (Zelin, 2008)
- (384) Cochrane the Dauntless: The Life and Adventures of Admiral Thomas Cochrane (Cordingley, 2008)
- (385) Autobiography of a Seaman (Cochrane, undated)
- (386) [A History of Light and Lighting](#) (Williams, 1999)
- (387) Lengthening the Day: History of Lighting Technology (Bowers, 1998)
- (388) [The Chemical History of a Candle](#) (Faraday, 1860)
- (389) The Social History of Lighting (O'Dea, 1958)
- (390) [The Long Run Demand for Lighting: Elasticities and Rebound Effects in Different Phases of Economic Development](#) (Fouquet and Pearson, 2012)
- (391) Burning to Serve: Selling Gas in Competitive Markets (Goodall, 1999)

(392) Seventh Annual Report of the State Mineralogist (California State Mining Bureau, 1888)

## **(Z) OIL AND GAS IN CANADA**

(393) [Evolution of Canada's Oil and Gas Industry](#) (Bott/Canadian Centre for Energy Information, 2004)

(394) Hell's Half Acre: Early Days in the Great Alberta Oil Patch (Finch, 2009)

(395) Petroleum in Canada (Ross, 1917)

(396) Roughnecks, Rock Bits and Rigs: The Evolution of Oil Well Drilling Technology in Alberta 1883-1970 (Gow, 2005)

(397) [The First Oil Well in the World](#) (Bulletin of the History of Chemistry) (Habashi, 2000)

(398) [Voyages from Montreal Through North America to the Frozen and Pacific Oceans in 1789 and 1793](#) (McKenzie, undated)

## **(AA) OIL AND GAS IN CHINA**

(399) Oil in China: From Self-Reliance to Internationalisation (Lim, 2010)

(400) Policy Making in China: Leaders, Structures and Processes (Lieberthal and Oksenberg, 1988)

(401) [Daqing: An Old Oil Field at the Centre of New EOR Testing](#) (SPE, 2014)

(402) [Songliao Basin](#) (CNPC, undated)

(403) [Qingshankou-Putaohua/Shaertu and Jurassic Coal-Denglouku/Nongan Total Petroleum Systems in the Songliao Basin](#) (USGS, 2003)

(404) Structural Characteristics of the Tarim Basin Oil and Gas (Ben She Yi Ming, 2000)

(405) Hydrocarbon seeps in petroliferous basins in China: a first inventory (Zheng et al, 2018)

## **(BB) CHINA'S OVERSEAS ENERGY STRATEGY**

(406) [Overseas Investments by Chinese National Oil Companies](#) (IEA, 2011)

(407) [Update on Overseas Investments by China's National Oil Companies](#) (IEA, 2014)

(408) [Chinese NOCs Overseas Strategies: Background, Comparison and Remarks](#) (Xu, 2007)

(409) Security and Profit in China's Energy Policy (Tunsjo, 2013)

(410) China's Superbank: Debt, Oil and Influence (Sanderson and Forsythe, 2013)

## **(CC) CHINA POLLUTION AND CLIMATE**

(411) [Evidence on the Impact of Sustained Exposure to Air Pollution on Life Expectancy from China's Huai River Policy](#) (Chen et al, 2013)

(412) [Winter heating or clean air? Unintended Impacts of China's Huai River Policy](#) (Almond et al, 2009)

(413) [Enhancing the Institutional Model for District Heating Regulation – Outside Perspectives and Suggestions](#) (World Bank, 2012)

(414) [Can Beijing, Tianjin and Hebei Achieve their PM2.5 Targets by 2017?](#) (Clean Air Alliance of China, 2015)

(415) [China's Next Opportunity: Sustainable Economic Transition: How Jing-Jin-Ji Can Lead The Way](#) (Paulson Institute, 2015)

- (416) [The Transition to Green Energy in China, Japan and Korea](#) (Innovation Norway, 2013)
- (417) [Power Play: China's Ultra-High Voltage Technology and Global Standards](#) (Paulson Institute/Argonne National Laboratory, 2015)

#### **(DD) CHINA GENERAL HISTORY**

- (418) Deng Xiaoping and the Transformation of China (Vogel, 2013)
- (419) Haunted by Chaos: China's Grand Strategy from Mao Zedong to Xi Jinping (Khan, 2018)
- (420) Life and Death in Shanghai (Nien Cheng, 1995)
- (421) River Town: Two Years on the Yangtze (Hessler, 2002)
- (422) Hankow: Commerce and Society in a Chinese City 1796-1889 (Rowe, 2002)

#### **(EE) SOUTH AND EAST CHINA SEAS**

- (423) The South China Sea: The Struggle for Power in Asia (Hayton, 2014)
- (424) [Maps Showing Geology, Oil and Gas Fields and Geologic Provinces of the Asia Pacific Region](#) (USGS, 1997)
- (425) [Assessment of Undiscovered Oil and Gas Resources of Southeast Asia](#) (USGS, 2010)
- (426) [Origin and History of the South China Sea Basin](#) (Taylor and Hayes, 1983)
- (427) [South China Sea](#) (Regional Analysis Brief) (EIA, 2013)
- (428) [Joint Development and the South China Sea](#) (Conference Proceedings) (National University of Singapore, 2011)
- (429) [Geopolitics Affecting the South China Sea](#) (2011)
- (430) [Notification and Statement of Claim](#) (Republic of the Philippines, Jan 2013)
- (431) [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)
- (432) [Shifting Waters: China's New Passive Assertiveness in Asian Maritime Security](#) (Townshend and Medcalf/Lowy Institute, 2016)
- (433) [War with China: Thinking Through the Unthinkable](#) (RAND/Gompert et al, 2016)

#### **(FF) CENTRAL ASIA**

- (434) The Region of the Eternal Fire: An Account of a Journey to the Petroleum Region of the Caspian in 1883 (Marvin, 1891)
- (435) The Petrolia of Europe (Marvin, 1884)
- (436) The Petroleum Industry of Southern Russia (Marvin, 1884)
- (437) The Coming Deluge of Russian Petroleum and its Bearing on British Trade (Marvin, 1887)
- (438) The Coming Oil Age (Marvin, 1889)
- (439) Oil and Geopolitics in the Caspian Sea Region (Croissant and Aras eds, 1999)
- (440) The Great Game (Hopkirk, 1990)
- (441) Foreign Devils on the Silk Road (Hopkirk, 1980)
- (442) The Sabres of Paradise: Conquest and Vengeance in the Caucasus (Blanch, 1960)



- (443) [Azerbaijan's Oil History: A Chronology Leading Up to Soviet Era](#) (Mir-Babayev, 2002)
- (444) [Concise History of Azerbaijani Oil](#) (Mirbabayev, 2010)
- (445) An Historical Account of the British Trade over the Caspian Sea (Hanway, 1754)

## **(GG) ARCTIC ISSUES**

- (446) The Arctic Gold Rush (Howard, 2009)
- (447) Energy Potential of the Russian Arctic Seas (Piskarev, 2012)
- (448) [International Bathymetric Chart of the Arctic Ocean](#) (IBCAO, NOAA, 2012)
- (449) Arctic Offshore Engineering (Palmer, 2013)
- (450) [Managing for the Future in a Rapidly Changing Arctic](#) (Interagency Working Group, 2013)
- (451) [Shipping in Polar Waters: Development of an International Code of Safety for Ships Operating in Polar Waters](#) (IMO, 2014)

## **(HH) RUSSIA OIL AND GAS**

- (452) [Petroleum Geology and Resources of the West Siberian Basin](#) (USGS, 2013)
- (453) [Engineer Bystritsky's Gusher](#) (Karpov, 2008)
- (454) Russian Rockefellers: The Saga of the Nobel Family and the Russian Oil Industry (Tolf, 1976)

## **(II) NORTH SEA OIL**

- (455) Oil Markets and Prices: The Brent Market and the Formation of World Oil Prices (Mabro and Horsnell, 1993-98)
- (456) [Riding the Wave: The Dated Brent Benchmark at 30 Years Old and Beyond](#) (Platts, 2018)
- (457) Official History of North Sea Oil and Gas (Kemp (no relation), 2012)
- (458) [Call to Action](#) (Oil and Gas Authority, 2015)
- (459) Oil Strike North Sea (Shepherd, 2015)
- (460) Giant Discovery: A History of Ekofisk through the First 20 Years (Kvendseth, 1988)
- (461) The Oilmen: The North Sea Tigers (Mackie, 2004)
- (462) United Kingdom Oil and Gas Fields, Commemorative Volume (Geological Society, 2003)

## **(JJ) UK OIL AND GAS**

- (463) [Unconventional Hydrocarbon Resources of Britain's Onshore Basins – Shale Gas](#) (British Geological Survey, 2012)
- (464) [Bowland Shale Gas Study](#) (British Geological Survey, 2013)
- (465) [Weald Shale Gas Study](#) (British Geological Survey, 2014)
- (466) [Alternative Fossil Fuels: Mineral Planning Factsheet](#) (British Geological Survey,

- (467) [Geology of the Wessex Coast of Southern England](#) (West/Southampton University, undated)
- (468) [Petroleum Geology of the South of England](#) (West/Southampton, undated)
- (469) [Star Energy Weald Basin versus Bocardo](#) (UK Supreme Court, 2010)

#### **(KK) AFRICA RESOURCES**

- (470) The New Kings of Crude: China, India and the Global Struggle for Oil in Sudan and South Sudan (Patey, 2014)
- (471) [Oil in Uganda: Hard Bargaining and Complex Politics in East Africa](#) (Patey, 2015)
- (472) [Assessment of Shale-Gas Resources of the Karoo Province, South Africa and Lesotho](#) (USGS, 2016)

#### **(LL) LATIN AMERICA OIL AND GAS**

- (473) [Neuquen Basin Geologic Province](#) (USGS, 2000)
- (474) [Vaca Muerta Shale – Taming a Giant](#) (Schlumberger, 2016)
- (475) [Reconnaissance Study of Source Rock Potential of the Vaca Muerta Formation](#) (USGS, 1992)
- (476) [Geologic and Geochemical Keys of the Potential Shale Resources, Argentina Basins](#) (Legarreta and Villar, 2011)
- (477) [Geology and Exploratory Potential of the Offshore Basins of Uruguay](#) (Conti/ANCAP, 2011)

#### **(MM) OIL SPILLS AND POLLUTION**

- (478) The Basics of Oil Spill Cleanup (Fingas, 2013)
- (479) [Pipeline Accident Report: Enbridge Incorporated, Hazardous Liquid Pipeline Rupture and Release Marshall, Michigan 2010](#) (NTSB, 2012)
- (480) [Pipeline Safety: Better Data and Guidance Needed to Improve Pipeline Operator Incident Response](#) (GAO, 2013)
- (481) [Derailment of a CN Freight Train U70691-18 with Subsequent Hazardous Materials Release and Fire Cherry Valley Illinois](#) (NTSB, 2012)
- (482) Derailment of Burlington Northern Freight Train No 01/142-30 and Release of Hazardous Materials in the Town of Superior (NTSB, 1994)
- (483) [Rail Accidents Involving Crude Oil and Ethanol Releases](#) (NTSB, 2014)
- (484) [U.S. Rail Transport of Crude Oil: Background and Issues for Congress](#) (CRS, 2014)
- (485) [The State of the National Pipeline Infrastructure](#) (USDOT, 2012)

#### **(NN) NATURAL GAS AND LNG**

- (486) Burning to Serve: Selling Gas in Competitive Markets (Goodall, 1999)
- (487) The Great Salford Gas Scandal of 1887 (Garrard, 1987)
- (488) Select Committee on Lighting by Electricity (House of Commons, 1879)
- (489) A History of the British Gas Industry (Williams, 1981)
- (490) Natural Gas: Fuel for the 21st Century (Smil, 2015)

(491) Energy for the 21st Century: Opportunities and Challenges for Liquefied Natural Gas (Sakmar, 2013)

## **(OO) GAS AS A TRANSPORT FUEL**

(492) [Potential of liquefied natural gas use as a railroad fuel](#) (Chase, EIA, April 2014)

(493) [An Evaluation of Natural Gas-fueled Locomotives](#) (BNSF, UP, AAR, 2007)

(494) The Natural Gas Locomotive Project on Burlington Northern Railroad (Ditmeyer, 1993)

(495) Safety Assessment of Alternative Locomotive Fuels (Los Alamos for Burlington Northern, 1990)

## **(PP) NATURAL GAS LIQUIDS**

(496) [Natural Gas Processing: The Crucial Link Between Natural Gas Production and its Transportation to Market](#) (EIA, 2006)

(497) [Processing Natural Gas](#) (NaturalGas.org, undated)

(498) [EIA's Proposed Definitions for Natural Gas Liquids](#) (EIA, 2013)

(499) [Hydrocarbon Gas Liquids: Recent Market Trends and Issues](#) (EIA, 2014)

## **(QQ) OIL AND GAS LENDING**

(500) [Oil and Gas Production Lending: Comptroller's Handbook](#) (OCC, 2014)

(501) Belly Up: The Collapse of the Penn Square Bank (Zweig, 1985)

(502) [Office of the Comptroller of the Currency: A Short History](#) (OCC, undated)

## **(RR) ELECTRICITY AND SECURITY**

(503) Brittle Power: Energy Strategy for National Security (Lovins, 1982)

(504) [The Concept of Energy Security: Beyond the Four A's](#) (Cherp and Jewell, 2014)

(505) [Staff Report to the Secretary on Electricity Markets and Reliability](#), DOE, 2017

(506) [Enhancing the Resilience of the Nation's Electricity System](#), National Academies, 2017

(507) [Final Report on the August 14, 2003 Blackout in the United States and Canada: Causes and Recommendations](#) (2004)

(508) [Polar Vortex Review](#) (NERC, 2014)

(509) [Report on Outages and Curtailments during the Southwest Cold Weather Event of February 1-5, 2011](#) (FERC/NERC, 2011)

(510) [Analysis of Operational Events and Market Impacts during the January 2014 Cold Weather Events](#), PJM Interconnection, 2014

(511) [PJM's Evolving Resource Mix and System Reliability](#), PJM Interconnection, 2017

(512) [Black Sky/Black Start Protection Initiative](#), Electric Infrastructure Security Council, 2017

(513) [Diversity of Reliability Attributes: A Key Component of the Modern Grid](#), Brattle/API, 2017

(514) [The Contribution of the Coal Fleet to America's Electricity Grid](#), PA Consulting/ACCCE, 2017

- (515) [Accommodating an Increased Dependence on Natural Gas for Electric Power](#), NERC, 2013
- (516) [A Primer on the Natural Gas Industry and its Interface with the Electric Power Industry](#), FERC, 2011
- (517) [ERCOT Gas Curtailment Risk Study](#), ERCOT/Black & Veatch, 2012
- (518) [Advancing Past “Baseload” to a Flexible Grid](#) (NRDC/Brattle, 2017)
- (519) [The CEGB Story](#) (short history of Britain’s grid) (Cochrane, 1990)
- (520) [Cradle of Power: The Story of Deptford Power Stations](#) (Cochrane, 1986)
- (521) [Electricity Supply in Great Britain: A Chronology](#) (Electricity Council, 1973)
- (522) [Crisis Management in the Power Industry: The Inside Story of an Industry in Crisis](#) (Jefferies et al, 1994)
- (523) [Energy, the State and the Market: British Energy Policy Since 1979](#) (Helm, 2003)
- (524) [Trends in the History of Large Blackouts in the United States](#) (Hines/IEEE, 2008)
- (525) [Glossary of gas and electricity terms](#) (National Grid, undated)
- (526) [Report of the Investigation into the Frequency Deviation and Automatic Demand Disconnection on 27th May 2008](#) (National Grid, 2009)
- (527) [Power Systems of the Future: 21st Century Power Partnership Thought Leadership Report](#) (NREL et al, 2015)
- (528) [Technical Assessment of the Operation of Coal and Gas Fired Plants](#) (Parsons Brinckerhoff/DECC. 2014)
- (529) [Coal-Fired Electric Power Plant Life Extension: An Overview](#) (Martin Marietta/ORNL, 1986)
- (530) [Levelized Cost and Levelized Avoided Cost of New Generation Resources in Annual Energy Outlook 2017](#) (EIA, 2017)
- (531) [Generating Reserve Capacity Determined by the Probability Method](#), Calabrese, 1947

**(SS) ENERGY EFFICIENCY**

- (532) [The Art of Energy Efficiency: Protecting the Environment with Better Technology](#) (Art Rosenfeld, 1999)
- (533) [Why Not Just Build the House Right in the First Place?](#) (Bliss/Bulletin of the Atomic Scientists, 1976)

**(TT) SOLAR ACTIVITY AND GEOMAGNETIC STORMS**

- (534) [Space Weather: Storms from the Sun](#) (Space Weather Prediction Center, undated)
- (535) [Severe Space Weather Events – Understanding Societal and Economic Impacts](#) (National Research Council, 2008)
- (536) [Electromagnetic Pulse: Effects on the U.S. Power Grid](#) (Oak Ridge National Laboratory, 2010)
- (537) [Geomagnetic Storms and their Impacts on the U.S. Power Grid](#) (Oak Ridge National Laboratory, 2010)
- (538) [High Impact Low Frequency Event Risk to the North American Bulk Power System](#) (NERC, 2010)
- (539) [A Major Solar Eruptive Event in July 2012: Defining Extreme Space Weather Scenarios](#) (Baker et al, 2013)
- (540) [Effects of Geomagnetic Disturbances on the Bulk Power System](#) (NERC, 2012)
- (541) [Procedures for Solar Magnetic Disturbances Which Affect Electric Power Systems](#) (NPCC, 1989)
- (542) [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)
- (543) [Planetary Geology: An Introduction](#) (Vita-Finzi and Fortes, 2nd ed, 2013)

**(UU) RENEWABLES AND GRID INTEGRATION**

- (544) Analytical Methods for Energy Diversity and Security (Bazilian, 2008)
- (545) Renewable Energy in Power Systems (Freris, 2009)
- (546) Smart Grid: Integrating Renewable, Distributed and Efficient Energy (Sioshansi, 2012)
- (547) Delivering a Low-Carbon Electricity System: Technology, Economics and Policy (Grubb, 2008)
- (548) Renewable Electricity and the Grid: The Challenge of Variability (Boyle, 2007)
- (549) Smart Power: Climate Change, the Smart Grid, and the Future of Electric Utilities (Fox-Penner, 2010)
- (550) Biofuels, Solar and Wind as Renewable Energy Systems (Pimentel, 2008)
- (551) Let It Shine: The 6000-Year Story of Solar Energy (Perlin, 2013)
- (552) [U.S. Ethanol: An Examination of Policy, Production, Use, Distribution, and Market Interactions](#) (USDA, 2015)
- (553) [Maintaining Bulk Power System Reliability While Integrating Variable Energy Resources](#) (NERC/CAISO, 2013)
- (554) Global Energy Interconnection (Liu, 2015)
- (555) [Solar Radiation Maps](#) (Solargis, website)
- (556) [Loads Providing Ancillary Services: Review of International Experience](#) (Lawrence Berkeley National Laboratory, 2007)
- (557) [Does “Fuel on Hand” Make Coal and Nuclear Power Plants More Valuable?](#) (Lovins, 2017)
- (558) [Western Wind and Solar Integration Study](#) (NREL, 2010)
- (559) [Eastern Renewable Generation Integration Study](#) (NREL, 2016)

**(VV) NUCLEAR POWER AND WEAPONS**

- (560) The Nuclear Fuel Cycle: From Ore to Waste (Wilson, 1996)
- (561) Fundamentals of Nuclear Science and Engineering (Shultis, 2008)
- (562) Fusion: The Energy of the Universe (McCracken, 2013)
- (563) Command and Control (Schlosser, 2013)
- (564) Heisenberg’s War: The Secret History of the German Bomb (Powers, 1990)
- (565) A Force of Nature: The Frontier Genius of Ernest Rutherford (Reeves, 2008)
- (566) [Adventures Inside the Atom](#) (General Electric//Atomic Energy Commission, 1948)
- (567) [Too Cheap to Meter: A History of the Phrase](#) (NRC/Wellock, 2016)
- (568) [Too Cheap to Meter](#) (NRC/Strauss, 1954)

**(WW) COAL**

- (569) Coal Energy Systems (Miller, 2005)
- (570) Combustion Engineering Issues for Solid Fuel Systems (Miller, 2008)
- (571) [21st Century Coal: Advanced Technology and Global Energy Solution](#) (IEA, 2013)

- (572) [Increasing the Efficiency of Existing Coal-Fired Power Plants](#) (Campbell/CRS, 2013)
- (573) [Upgrading the Efficiency of the World's Coal Fleet to Reduce CO2 Emissions](#) (Barnes/IEA, 2014)
- (574) [Increasing the Flexibility of Coal-Fired Power Plants](#) (Henderson/IEA, 2014)
- (575) [Upgrading and Efficiency Improvement in Coal-Fired Power Plants](#) (Henderson/IEA, 2010)
- (576) [Improving the Thermal Efficiency of Coal-Fired Power Plants in the United States](#) (NETL, 2010)
- (577) [Options for Improving the Efficiency of Existing Coal-Fired Power Plants](#) (NETL, 2014)
- (578) [Improving the Efficiency of Coal-Fired Power Plants for Near Term Greenhouse Gas Emissions Reductions](#) (NETL, 2010)
- (579) [Philo Unit 6: Advancement of a Technology](#) (American Society of Mechanical Engineers, 2003)
- (580) [Coal Mines and Coal-Bearing Areas in China](#) (USGS, 2014)
- (581) History of the British Coal Industry (5 vols) (OUP)
- (582) The Rise of the British Coal Industry (Nef, 1932)
- (583) [Coal Data: A Reference](#) (DOE, 1995)
- (584) [Coal Mines and Coal-Bearing Areas in Mongolia](#) (USGS, 2015)

## **(XX) AIR POLLUTION**

- (585) Fumifugium, or the Inconvenience of the Aer and Smoak of London Dissipated (Evelyn, 1661)
- (586) The Big Smoke: A History of Air Pollution in London since Medieval Times (Brimblecombe, 1987)
- (587) [The Great Smog of 1952](#) (UK Met Office, 2015)
- (588) [Annual Message to the Congress on the State of the Union by President Richard Nixon](#) (1970)
- (589) Inventing Pollution: Coal, Smoke and Culture in Britain since 1800 (Thorsheim, 2006)
- (590) The Mysterious Disappearance of Edwardian London Fog (Berntein/London Journal, 1975)
- (591) Decrease in London Fog in Recent Years (Brodie/Royal Meteorological Society, 1905)
- (592) [A Retrospective Assessment of Mortality from the London Smog Episode of 1952](#) (Bell et al, 2004)

## **(YY) WATER AND DROUGHT**

- (593) [Groundwater Depletion in the United States 1900-2008](#) (USGS, 2013)
- (594) [Estimated Water Use in the United States in 2005](#) (USGS, 2009)
- (595) [USGS Investigations of Water Produced During Hydrocarbon Reservoir Development](#) (USGS, 2014)
- (596) [Produced Water Volumes and Management Practices in the United States](#) (Argonne National Laboratory, 2009)
- (597) The Pastures of Heaven (Steinbeck, 1932)
- (598) East of Eden (Steinbeck, 1952)
- (599) [Causes and Predictability of the 2011-14 California Drought](#) (NOAA, 2014)
- (600) [The Water-Energy Nexus – An Earth Science Perspective](#) (USGS, 2015)
- (601) [Water Flows in the United States](#) (Lawrence Livermore National Laboratory, annual)

## **(ZZ) CLIMATE ISSUES**

- (602) New Views on an Old Planet: A History of Global Change (Van Andel, 2008)
- (603) Atmosphere, Weather and Climate (Barry, 2010)
- (604) Climate: Past, Present and Future (Lamb, 1977)
- (605) Climate Shock: The Economic Consequences of a Hotter Planet (Wagner and Weitzman, 2015)
- (606) [On the Influence of Carbonic Acid in the Air upon the Temperature of the Ground](#) (Arrhenius, 1896)
- (607) [Carbon Flow Charts for the United States](#) (Lawrence Livermore National Laboratory, annual)
- (608) [Paris Agreement](#) (United Nations Framework Convention on Climate Change, 2015)

## **(AAA) EL NINO/SOUTHERN OSCILLATION**

- (609) El Nino, La Nina and the Southern Oscillation (Philander, 1990)
- (610) [The Walker Circulation: ENSO's Atmospheric Buddy](#) (NOAA, 2014)
- (611) [Why Are There So Many ENSO Indices, Instead of Just One?](#) (NOAA, 2015)
- (612) [The Three Phases of El Nino-Southern Oscillation](#) (Australian Government Bureau of Meteorology, undated)
- (613) [Record-Breaking La Nina Events: An Analysis of the La Nina Life Cycle](#) (Australian Government Bureau of Meteorology, undated)
- (614) Teleconnections Linking Worldwide Climate Anomalies (Glantz et al, 1991)
- (615) [Relationships between Climate Variability and Winter Temperature Extremes in the United States](#) (Higgins et al, 2002)
- (616) North American Precipitation and Temperature Patterns Associated with the El Nino/Southern Oscillation (Ropelewski and Halpert, 1986)
- (617) Surface Temperature Patterns Associated with the Southern Oscillation (Halpert and Ropelewski, 1991)
- (618) [El Nino and La Nina-Related Winter Features over North America](#) (CPC, undated)
- (619) [How El Nino and La Nina affect the Winter Jet Stream and U.S. Climate](#) (NOAA, 2016)
- (620) [Weather Impacts of ENSO](#) (NOAA/NWS, undated)

## **(BBB) CARBON STORAGE, SYNFUELS AND FISCHER-TROPSCH**

- (621) The New Synfuels Energy Pioneers (Steller, 2001)
- (622) Carbon Dioxide Capture and Storage (Intergovernmental Panel on Climate Change, 2005)
- (623) Hell's Cartel: IG Farben and the Making of Hitler's War Machine (Jeffreys, 2010)
- (624) Hearings on Synthetic Liquid Fuels (U.S. Senate Committee on Interior, 1948)
- (625) Hearings on Interfuel Competition (U.S. Senate Committee on Judiciary, Subcommittee on Antitrust and Monopoly, 1975)
- (626) [Carbon Capture and Storage Technology: Future Fossil Fuel Use and Mitigating Climate Change](#) (Florin and Fennell, 2010)
- (627) [The Energy Penalty of Post-Combustion CO2 Capture and Storage and its Implications for Retrofitting the U.S. Installed Base](#) (House et al, 2009)
- (628) [Storing CO2 Through Enhanced Oil Recovery: Combining EOR with CO2 Storage \(EOR+\) for Profit](#) (IEA, 2015)

## **(CCC) RARE EARTHS AND CRITICAL MINERALS**

- (629) [Rare Earth Materials: Developing a Comprehensive Approach Could Help DOD Better Manage National Security Risks](#) (GAO, 2016)
- (630) [On the Materials Basis of Modern Society](#) (Graedel, 2013)
- (631) Minerals, Critical Minerals and the U.S. Economy (National Research Council, 2008)
- (632) Managing Materials for a Twenty-First Century Military (National Research Council, 2008)

## **(DDD) FEDERAL HELIUM PROGRAM**

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

## **(EEE) TRANSPORT**

- (637) The Transport Revolution from 1770 (Bagwell, 1974)
- (638) The Box: How the Shipping Container Made the World Smaller and the World Economy Bigger (Levinson, 2006)
- (639) The Container Guide (Hwang and Cannon/American Container Society, 2015)
- (640) Prime Movers of Globalization: The History and Impact of Diesel Engines and Gas Turbines (Smil, 2010)
- (641) The Sea and Civilization: A Maritime History of the World (Paine, 2015)
- (642) Airline Marketing and Management (Shaw, 2006)
- (643) Shipping Strategy: Innovating for Success (Lorange, 2009)
- (644) The Reshaping of Britain's Railways (HMSO, 1963)
- (645) [From Horse Power to Horsepower](#) (Morris, 2007)
- (646) [Collective hallucinations and inefficient markets: the British railway mania of the 1840s](#) (Odlyzko, 2010)
- (647) [Impact of Oil Prices on the Air Transportation Industry](#) (National Center of Excellence for Aviation Operations Research, March 2014)
- (648) [Resistance and Powering of Ships](#) (United States Naval Academy, undated)
- (649) [Basic Principles of Ship Propulsion](#) (MAN Diesel, 2011)
- (650) [Propulsion Trends in Container Vessels](#) (MAN Diesel, 2009)
- (651) [Propulsion Trends in Tankers](#) (MAN Diesel, 2009)
- (652) [Low Container Ship Speed Facilitated by Versatile ME/ME-C Engines](#) (Man Diesel, 2014)
- (653) [Slow Steaming Practices in the Global Shipping Industry](#) (MAN Diesel, 2014)
- (654) [Slow Steaming Impacts on Ocean Carriers and Shippers](#) (Maloni et al, 2013)
- (655) [Ship Energy Efficiency Measures: Status and Guidance](#) (American Bureau of Shipping, undated)



- (656) [The Impact of Megaships](#) (International Transport Forum, 2015)
- (657) [A Theory of Optimum Ship Size](#) (Kendall, 1972)
- (658) Malacca-Max: the Ultimate Container Carrier (Wijnolst, 1999)
- (659) [Safety and Shipping Review 2015](#) (Allianz, 2015)
- (660) Charting a New Course: Restoring Profitability to Container Shipping (Boston Consulting Group, 2012)
- (661) The Transformation Imperative in Container Shipping (Boston Consulting Group, 2015)
- (662) East-West Container Trades: the Alliances Playground (Dynamar, 2015)
- (663) Port Investment and Container Shipping Markets (International Transport Forum, 2015)
- (664) [National Transportation Statistics of the United States](#) (Bureau of Transportation Statistics, annual)
- (665) [Freight Facts and Figures](#) (Bureau of Transportation Statistics, annual)
- (666) [Commodity Flow Survey 2012](#) (Bureau of Transportation Statistics, 2015)
- (667) [Commodity Flow Survey 2012 \(Hazardous Materials\)](#) (Bureau of Transportation Statistics, 2015)
- (668) [Transportation Energy Data Book](#) (Center for Transportation Analysis, Oak Ridge National Laboratory, annual)
- (669) [Commuting in America 2013](#) (American Association of State Highway and Transportation Officials, 2015)
- (670) Energy Intensities of Flying and Driving (Sivak, 2015)
- (671) [Making Driving Less Energy Intensive than Flying](#) (Sivak, 2014)
- (672) A Primer on Alternative Transportation Fuels (Coffey, 2010)
- (673) [A Look at the Legal Environment for Driverless Vehicles](#) (Transportation Research Board/Glancy et al, 2015)
- (674) [Bursting Boilers and the Federal Power](#) (Burke, 1966)
- (675) [Enhancing Mobility Through Technology in a Congested Urban Environment: Evolution of Ground Transport Technology](#) (Kornhauser, 2015)
- (676) [Cost, Effectiveness and Deployment of Fuel Economy Technologies for Light-Duty Vehicles](#) (National Research Council, 2015)

#### **(FFF) LAW OF THE SEA**

- (677) [United Nations Convention on the Law of the Sea](#) (United Nations, 1982)
- (678) [Proceedings of the Symposium on the Straits Used for International Navigation](#) (Ozturk and Ozkan, 2002)
- (679) [Limits of Oceans and Seas](#) (International Hydrographic Organization, 1953 and 1986)
- (680) [Bathymetric Map of the Oceans](#) (British Oceanographic Data Centre, 2014)
- (681) Admiralty Chart 2837: Strait of Hormuz to Qatar (United Kingdom Hydrographic Office, 2013)
- (682) [Declarations and Reservations upon Signature or Ratification of UNCLOS](#) (United Nations, undated)
- (683) [Iran the United Nations 1982 Convention on the Law of the Sea](#) (Diba, 2014)
- (684) [Vienna Convention on the Law of Treaties](#) (United Nations, 1969)
- (685) [The Law of the Sea in the Strait of Hormuz: Contending Legal Regimes at the Cusp of Conflict](#) (Kraska, 2013)
- (686) [Legal Vortex in the Strait of Hormuz](#) (Kraska, 2013)
- (687) Navigational Restrictions Within the New LOS Context: Geographical Implications for the United States (Offshore Consultants Inc, 1986)
- (688) Island Disputes and the Law of the Sea: An Examination of Sovereignty and Delimitation Disputes (Smith and Thomas, 1998)

- (689) [Philippines versus China \(Award on Jurisdiction and Admissibility\) \(PCA 2013-19\)](#) (Permanent Court of Arbitration, 2015)
- (690) [Philippines versus China \(Award on Jurisdiction and Admissibility\) \(Press Release\)](#) (Permanent Court of Arbitration, 2015)

### **(GGG)PUBLIC POLICY**

- (691) The Rhetoric of Reaction (Hirschman, 1991)
- (692) Exit, Voice and Loyalty: Responses to Decline in Firms. Organizations and States (Hirschman, 1970)
- (693) How Judges Think (Posner, 2008)
- (694) [Chevron USA Inc versus Natural Resources Defense Council](#) (U.S. Supreme Court, 1984)
- (695) [The Echo Chamber: A Small Group of Lawyers and its Outsized Influence at the U.S. Supreme Court](#) (Reuters, 2014)
- (696) Capital Offense: How Washington's Wise Men Turned America's Future Over to Wall Street (Hirsh, 2010)
- (697) Freedom from Fear: The American People in Depression and War (Kennedy, 2001)
- (698) Curveball: Spies, Lies and the Con Man who Caused a War (Drogin, 2007)
- (699) The Rejection of Continental Drift: Theory and Method in American Earth Science (Oreskes, 1999)

### **(HHH)RISK MANAGEMENT**

- (700) Dealing with Fentorisks in International Relations (Frank et al/PNAS, 2014)
- (701) Managing the Risks of Organizational Accidents (Reason, 1997)
- (702) Human Error (Reason, 1991)
- (703) Normal Accidents: Living with High-Risk Technologies (Perrow, 1984)
- (704) [Normal Accident at Three Mile Island](#) (Perrow, 1981)
- (705) The Next Catastrophe: Reducing Our Vulnerabilities to Natural, Industrial and Terrorist Disasters (Perrow, 2011)
- (706) Man-Made Disasters (Turner and Pidgeon, 1978 and 1997)
- (707) [The Role of Organizational Culture, Safety Culture and Safety Climate in Aviation and Aerospace Safety](#) (Sumwalt/NTSB, undated)
- (708) [Do You Have A Safety Culture?](#) (Sumwalt, 2007)
- (709) [Safety Culture: Enhancing Transportation Safety](#) (NTSB Forum, 2013)
- (710) [Achieving an Effective Safety Culture](#) (Transport Canada, website undated)

### **(III) COMMODITY PRICE CYCLES**

- (711) [From Boom to Bust: A Typology of Real Commodity Prices in the Long Run](#) (Jacks, 2013)
- (712) [Demand Shocks Fuel Commodity Price Booms and Busts](#) (Dallas Fed/Stuermer, 2017)
- (713) [Primary Commodity Prices, Manufactured Goods Prices and the Terms of Trade in Developing Countries](#) (Grilli and Yang, 1988)
- (714) [A Short Note on Updating the Grilli and Yang Commodity Price Index](#) (Pfaffenzeller et al/World Bank, 2007)
- (715) [Intergovernmental Commodity Arrangements: Summary Record](#) (United Nations Economic and Social Council, 1946)

- (716) [Intergovernmental Commodity Arrangements: Amplified Agenda](#) (United Nations Economic and Social Council, 1946)
- (717) [Intergovernmental Commodity Arrangements: Verbatim Report](#) (United Nations Economic and Social Council, 1946)
- (718) [Intergovernmental Commodity Arrangements and the GATT](#) (GATT, 1993)
- (719) [Commodity Trade Stabilization Through International Agreements](#) (Gerhard, 1963)
- (720) [International Law of Commodity Agreements](#) (Walker, 1963)
- (721) [On the Behaviour of Commodity Prices](#) (Deaton and Laroque, 1992)
- (722) [Oil Windfalls: Blessing or Curse?](#) (Alan Gelb/World Bank, 1988)

### **(JJJ) FORECASTING AND ANALYSIS**

- (723) Superforecasting: the Art and Science of Prediction (Tetlock and Gardner, 2015)
- (724) Long-Range Forecasting from Crystal Ball to Computer (Armstrong, 1985)
- (725) Intelligence Analysis for Tomorrow: Advances from Behavioural and Social Sciences (National Research Council, 2011)
- (726) [Estimates and Influence](#) (Kent/Studies in Intelligence, 1968)
- (727) [Words of Estimative Probability](#) (Kent, 1964)
- (728) [Sherman Kent and the Profession of Intelligence Analysis](#) (CIA Center for the Study of Intelligence, 2002)
- (729) [Psychology of Intelligence Analysis](#) (Heuer, 1999)
- (730) [Verification of Forecasts Expressed in Terms of Probability](#) (Brier, 1950)
- (731) [Verification of a Forecaster's Confidence and the Use of Probability Statements in Weather Forecasting](#) (Brier, 1944)
- (732) [The Value of Precision in Probability Assessment: Evidence from a Large-Scale Geopolitical Tournament](#) (Friedman et al, 2016)
- (733) [Rumsfeld Memo to President George W Bush](#) (Wells, 2001)
- (734) [Can Game Theory Predict When Iran Will Get the Bomb?](#) (Thompson, 2009)
- (735) The Limitations of the Expert (Laski, 1931)
- (736) Intelligence: from Secrets to Policy (Lowenthal, 2006)
- (737) [Modeling the Formation of Expectations: The History of Energy Demand Forecasts](#) (Sterman, 1986 and 1988)

### **(KKK) COMPLEXITY AND SYSTEMS THEORY**

- (738) [The Pretence of Knowledge](#) (Hayek, 1974)
- (739) [Science and Complexity](#) (Weaver, 1948)
- (740) Complexity: A Guided Tour (Mitchell, 2009)
- (741) Why Stock Markets Crash: Critical Events in Complex Financial Systems (Sornette, 2003)
- (742) Complexity: A Very Short Introduction (Holland, 2014)
- (743) A History of Control Engineering 1800-1930 (Bennett, 1979)
- (744) General System Theory: Foundations, Development, Applications (Bertalanffy, 1969)
- (745) Cybernetics, or Control and Communication in the Animal and the Machine (Wiener, 1948 and 1961)

(746) The Human Use of Human Beings: Cybernetics and Society (Wiener, 1950 and 1954)

### **(LLL) FUTURES MARKETS AND MANIPULATION**

- (747) [Price Relations Between July and September Wheat Futures at Chicago since 1885](#) (Working, 1933)
- (748) [An Analysis of Speculative Trading in Grain Futures](#) (Stewart/USDA-CEA, 1949)
- (749) [Futures Markets Under Renewed Attack](#) (Working, 1963)
- (750) [Economics of Futures Trading for Commercial and Personal Profit](#) (Hieronymous, 1977)
- (751) [Price Dynamics, Price Discovery and Large Futures Trader Interactions in the Energy Complex](#) (CFTC/Haigh et al, 2005)
- (752) [Smart Money? The Forecasting Ability of CFTC Large Traders](#) (Sanders et al, 2007)
- (753) [Fundamentals, Trader Activity and Derivative Pricing](#) (Buyuksahin et al, 2008)
- (754) [The Role of WTI as a Crude Oil Benchmark](#) (CME/Purvin & Gertz, 2010)
- (755) [Facts and Fantasies about Commodity Futures](#) (Gorton and Rouwenhorst, 2004/5)
- (756) [Facts and Fantasies about Commodity Futures Ten Years Later](#) (Bhardwaj, Gorton and Rouwenhorst, 2015)
- (757) Manipulation on Trial: Economic Analysis and the Hunt Silver Case (Williams, 1995)
- (758) [Derivatives can be Hazardous to Your Health: the Case of Metallgesellschaft](#) (Edwards, 1995)
- (759) Law Enforcement and the History of Financial Market Manipulation (Markham, 2014)
- (760) [Cargill versus Hardin](#) (U.S. Court of Appeals, 8th Circuit, 1971)
- (761) [Merrill Lynch, Pierce, Fenner & Smith versus Curran](#) (U.S. Supreme Court, 1982)
- (762) [Why Do Some Futures Contracts Succeed and Others Fail?](#) (Till, 2015)
- (763) [Populists versus Theorists: Futures Markets and the Volatility of Prices](#) (Jacks, 2005)
- (764) U.S. Regulators and Speculators: A Long History of Confrontation (Lewis, 2009)
- (765) [Evolution of Futures Trading](#) (Irwin, 1954)
- (766) [Speculation on the Stock and Produce Exchanges of the United States](#) (Emery, 1896)
- (767) [Futures Markets: Their Purpose, Their History, Their Growth, Their Successes and Failures](#) (Carlton, 1984)
- (768) [Treatment of Hedging in Commodity Market Regulation](#) (Paul, 1978)
- (769) [The Distribution of Shortrun Commodity Price Movements](#) (Mann and Heifner, 1976)

### **(MMM) REGULATION OF COMMODITY MARKETS**

- (770) [Wall Street Bank Involvement with Physical Commodities](#) (U.S. Senate Permanent Subcommittee on Investigations, 2014)
- (771) [Federal Regulation of Margin in the Commodity Futures Industry – History and Theory](#) (Markham, undated)
- (772) [History of the CFTC](#) (CFTC, website)
- (773) The History of Commodity Futures Trading and Its Regulation (Markham, 1986)
- (774) [Manipulation of Commodity Futures Prices – the Unprosecutable Crime](#) (Markham, 1991)
- (775) Law Enforcement and the History of Financial Market Manipulation (Markham, 2014)

- (776) [CFTC – Commitments of Traders Report Update](#) (CME Group, 2012)
- (777) [ICE Futures Europe Commitments of Traders Report – Explanatory Notes](#) (ICE, undated)
- (778) [ICE Fact Sheet: ICE Futures Europe Commitments of Traders Report](#) (ICE, undated)
- (779) [Commitments of Traders Reports – Letter from CME Group to CFTC](#) (CME, 2009)
- (780) [CME Group Letter to CFTC on Commitments of Traders Report](#) (CFTC, 2009)

## **(NNN) HEDGE FUNDS AND VOLATILITY**

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

## **(OOO) FINANCE AND MARKETS**

- (785) The General Theory of Employment, Interest and Money (Keynes, 1936)
- (786) Treatise on Money (2 volumes) (Keynes, 1930)
- (787) Keynes the Stock Market Investor: A Quantitative Analysis (Chambers et al, 2013)
- (788) The (Mis)Behaviour of Markets (Mandelbrot, 2004)
- (789) [The Variation of Certain Speculative Prices](#) (Mandelbrot, 1963)
- (790) [The U.S. Treasury Market on October 15, 2014: Joint Staff Report](#) (U.S. Treasury and other agencies. 2015)
- (791) A Monetary History of the United States (Friedman, 1963)
- (792) [Advice to Bankers: Letter from the Comptroller of the Currency](#) (McCulloch, 1863)
- (793) [Have You Ever Tried to Sell a Diamond?](#) (Epstein/Atlantic, 1982)
- (794) [Integrity, Fairness and Resolve: Lessons from Bill Taylor and the Last Financial Crisis](#) (Kansas Fed)
- (795) The Alchemy of Finance (Soros, 1987)
- (796) Irrational Exuberance (Shiller, 2005)
- (797) Animal Spirits: How Human Psychology Drives the Economy, and Why it Matters for Global Capitalism (Akerlof and Shiller, 2009)
- (798) The Panic of 1907: Lessons Learned from the Market's Perfect Storm (Bruner, 2007)
- (799) The Myth of the Rational Market: A History of Risk, Reward and Delusion on Wall Street (Fox, 2009)
- (800) Risk, Uncertainty and Profit (Knight, 1921)
- (801) [Narrative Economics](#) (Shiller, 2017)
- (802) Security Analysis (Graham and Dodd, 1934)
- (803) The Intelligent Investor (Graham, 1973)
- (804) Predatory Trading and Crowded Exits (Clunie, 2010)
- (805) A Random Walk Down Wall Street (Malkiel, 2007)

- (806) Priceless: The Hidden Psychology of Value (Poundstone, 2011)
- (807) Pandora's Risk: Uncertainty at the Core of Finance (Osband, 2011)
- (808) The Truth About Markets (Kay, 2004)
- (809) Stabilizing an Unstable Economy (Minsky, 2008)
- (810) Behavioural Finance (Forbes, 2009)
- (811) The Growth of Economic Thought (Spiegel, 1991)
- (812) A History of Interest Rates (Homer and Sylla, 2005)
- (813) Oxford Handbook of Pricing Management (Ozer and Phillips, 2012)
- (814) [Characteristics and Types of Price Discrimination](#) (NBER/Machlup, 1955)
- (815) Techniques and Purposes of Price Discrimination (Cassady, 1946)
- (816) The South Sea Bubble (Carswell, 1960)
- (817) John Law: The History of an Honest Adventurer (Hyde, 1948)

### **(PPP) ECONOMICS AND MARKETS**

- (818) The Growth of Economic Thought (Spiegel, 1991)
- (819) Medieval Economic Thought (Wood, 2002)
- (820) An Inquiry into the Nature and Causes of the Wealth of Nations (Smith, 1776)
- (821) Business Cycles: Theory, History, Indicators and Forecasting (Zarnowitz, 1992)
- (822) [Major Changes in Cyclical Behaviour](#) (Zarnowitz and Moore, 1986)
- (823) [Characteristics and Types of Price Discrimination](#) (Machlup, 1955)
- (824) [The English Common Law Concerning Monopolies](#) (Letwin, 1954)
- (825) [USSR: Role of the State Planning Committee](#) (CIA, 1975)

### **(QQQ) ECONOMIC GEOGRAPHY**

- (826) Why the West Rules – For Now (Morris, 2010)
- (827) When China Rules the World (Jacques, 2009)
- (828) [Urban World: Cities and the Rise of the Consuming Class](#) (McKinsey Global Institute, 2012)
- (829) Is the World's Economic Center of Gravity Already in Asia? (Grether and Mathys, 2010)
- (830) The Global Economy's Shifting Center of Gravity (Quah, 2011)
- (831) [Maddison Project Database](#) (University of Groningen, undated webpage)

### **(RRR) STRATEGY, LEADERSHIP AND POLITICS**

- (832) Strategy: A History (Freedman, 2013)

- (833) History of the Peloponnesian War (Thucydides, 410 BC)
- (834) On War (Clausewitz, 1832)
- (835) On Grand Strategy (Gaddis, 2018)
- (836) On Escalation: Metaphors and Scenarios (Kahn, 1965 and 2010)
- (837) Bargaining and Bombing During World War II in Europe (Quester, 1963)
- (838) [Science as a Vocation](#) (Weber, 1919)
- (839) [Politics as a Vocation](#) (Weber, 1919)
- (840) Public Opinion (Lippmann, 1922)
- (841) Game Theory: A Non-Technical Introduction (Davis, 1970)
- (842) The Silent Deep: The Royal Navy Submarine Service since 1945 (Jinks and Hennessey, 2015)
- (843) Nelson: A Dream of Glory (Sugden, 2005)
- (844) Nelson: Sword of Albion (Sugden, 2012)
- (845) The Sea and Civilization: A Maritime History of the World (Paine, 2015)
- (846) Destined for War: Can America and China Escape Thucydides's Trap? (Allison, 2017)
- (847) The Ascent of Man (Bronowski, 1973)
- (848) Factfulness (Rosling, 2018)
- (849) [Chinese Political Negotiating Behaviour 1967-1984](#) (RAND/Solomon, 1995)
- (850) The Invention of News: How the World Came to Know About Itself (Pettegree, 2014)
- (851) [The Constitution of Venice: What it Was and How it Worked](#) (Trimble/Wairarapa Daily Times, 1913)

#### **(SSS) MISCELLANEOUS ON STYLE ETC**

- (852) [U.S. Government Printing Office Style Manual](#) (GPO, 2008)
- (853) [Energy Equivalent Conversions](#) (EIA, undated)
- (854) The Visual Display of Quantitative Information (Tufte, 2001)
- (855) Guide to Information Graphics: Dos and Don'ts of Presenting Data, Facts and Figures (Wong, 2010)