



## GLOBAL COMMODITIES APPLIED RESEARCH DIGEST

Vol. 7, No. 1: Summer 2022

### Index of Past Topics

Africa	Issue
<p><a href="#"><u>Guinea's Brown Gold in Muddier Waters</u></a> By Colin Waugh, Member of the GCARD's Editorial Advisory Board</p>	GCARD Newsletter October 2021
<p><a href="#"><u>Development of Commodity Exchange Markets as an Avenue to Foster Economic Development in Africa</u></a> By Sostine Ngabirano, Uganda Christian University As summarized by <a href="#"><u>Hilary Till</u></a>, Contributing Editor, Global Commodities Applied Research Digest</p>	Spring 2016, p. 86
Agriculture	Issue
<p><a href="#"><u>The Impact of Renewable Diesel Policy on Soy Trade Flows</u></a> By Walter Cronin, Oilseeds Processing Advisor</p>	GCARD Newsletter May 2022
<p><a href="#"><u>Incorporating Uncertainty into USDA Commodity Price Forecasts: A Review</u></a> By Michael Adjemian, Associate Professor, Department of Agricultural and Applied Economics, University of Georgia, Athens, GA; Valentina Bruno, Professor of Finance and Kogod Research Professor, Kogod School of Business, American University, Washington, D.C.; and Michel A. Robe, The Clearing Corporation Foundation Professor in Derivatives Trading, College of ACES, University of Illinois, Urbana-Champaign, IL</p>	Winter 2021, p. 24
<p><a href="#"><u>What U.S. Dairy Executives Learned from the Pandemic</u></a> By Christina Adams, Partner, McKinsey &amp; Company; Melanie Lieberman, Engagement Manager, McKinsey &amp; Company; Ludovic Meilhac, Partner, McKinsey &amp; Company; and Roberto Uchoa, Senior Partner, McKinsey &amp; Company</p>	Winter 2021, p. 100
<p><a href="#"><u>Surging World Grain and Oilseed Markets Test Beijing's Food Security Strategy</u></a> By Colin Waugh, Member of the GCARD's Editorial Advisory Board</p>	GCARD Newsletter July 2021
<p><a href="#"><u>Dynamic Commodity Valuations</u></a> By Nick Vasserman, Founder and Chief Investment Officer, Integrated Portfolio Intelligence, LLC</p>	Summer 2021, p. 104
<p><a href="#"><u>Volatility in Dairy Markets: Towards a Dynamic Value at Risk Model for Dairy Commodity Trading</u></a> By Vincent Almering, Group Treasurer, Interfood Holding B.V., The Netherlands; Herbert Rijken, Full Professor in Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands; and Frans Cleton, Senior Manager, KPMG Advisory, The Netherlands and Program Manager and Instructor, Postgraduate Program, Treasury and Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands</p>	Summer 2021, p. 121
<p><a href="#"><u>Mean Reversion, Markets, and the McRib: Observations and Lessons from Seasoned Commodity Traders</u></a> By Thomas Fernandes, Managing Principal of GreenHaven Group, LLC and GreenHaven Advisors; Scott Glasing, Vice President of Trading and Futures Operations, GreenHaven Group, LLC; Douglas Wilson, Commodity Analyst, GreenHaven Group, LLC; Ashmead Pringle, President, GreenHaven Group, LLC; and David Cary, Founder, C&amp;C Ag Consulting, LLC</p>	Winter 2020, p. 97
<p><a href="#"><u>Commodity Risks: Describing the Unobservable</u></a> By Bluford Putnam, Chief Economist, CME Group</p>	Summer 2019, p. 23
<p><a href="#"><u>Weather Fear Premia Trades: An Update</u></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Summer 2019, p. 47



Agriculture (Continued)	Issue
<p><a href="#"><u><b>A Mean-Variance Approach for Optimizing Physical Commodity Production Decisions</b></u></a>  <i>By Tom Soutter, Trader, Fonterra Co-operative, New Zealand and Isaac Manuel, Trader, Fonterra Co-operative, New Zealand</i></p>	<b>Summer 2019, p. 58</b>
<p><a href="#"><u><b>An Analysis of Agricultural Block Trading</b></u></a>  <i>By David Amato, Twan Dixon, Eugene Kunda, Jerry Lavin, Robert Penksa and Rahul Varma of the Market Intelligence Branch, Division of Market Oversight, U.S. Commodity Futures Trading Commission</i></p>	<b>Summer 2019, p. 84</b>
<p><a href="#"><u><b>From Grain to Natural Gas: The Historical Circumstances That Led to the Need for Futures Contracts</b></u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Summer 2018, p. 90</b>
<p><a href="#"><u><b>Wheat Futures Contracts: Liquidity, Spreading Opportunities, and Fundamental Factors</b></u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Winter 2017, p. 75</b>
<p><a href="#"><u><b>From El Niño to La Niña: Implications for Natural Gas, Agricultural Price Volatility, and the Potential for Hurricanes</b></u></a>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	<b>Fall 2016, p. 14</b>
<p><a href="#"><u><b>The Biofuel Connection: Impact of US Regulation on Oil and Food Prices</b></u></a>  <i>By Fernando Avalos, Bank for International Settlements (BIS) and Marco Lombardi, BIS  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Spring 2016, p. 72</b>
<p><a href="#"><u><b>Optimal Trading and Shipping of Agricultural Commodities</b></u></a>  <i>By Nicolas Merener, Universidad Torcuato Di Tella, Argentina; Ramiro Moyano, Grupo Los Grobo, Argentina; Nicolas Stier-Moses, Universidad Torcuato Di Tella, CONICET, Argentina, and Columbia University; and Pablo Watfi, Universidad Torcuato Di Tella and Universidad de Buenos Aires, Argentina  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Spring 2016, p. 76</b>
<p><a href="#"><u><b>The Puzzle of Recent Grain Price Behavior</b></u></a>  <i>Presentations by Professor Brian Wright, University of California, Berkeley; Professor Colin Carter, University of California, Davis; and Ms. Nancy DeVore, DHF Team, LLC  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Spring 2016, p. 96</b>
Biofuels	Issue
<p><a href="#"><u><b>On Real Options in Ethanol: Producers, Blenders, Valuation and Empirics</b></u></a>  <i>By Nicolás Merener, Dean, School of Business, Universidad Torcuato Di Tella, Argentina and Matt Davison, Dean, Faculty of Science, Western University, Canada</i></p>	<b>Summer 2020, p. 57</b>
<p><a href="#"><u><b>The Biofuel Connection: Impact of U.S. Regulation on Oil and Food Prices</b></u></a>  <i>By Fernando Avalos, Bank for International Settlements (BIS) and Marco Lombardi, BIS  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Spring 2016, p. 72</b>
<p><a href="#"><u><b>The Puzzle of Recent Grain Price Behavior</b></u></a>  <i>Presentations by Professor Brian Wright, University of California, Berkeley; Professor Colin Carter, University of California, Davis; and Ms. Nancy DeVore, DHF Team, LLC  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Spring 2016, p. 96</b>



<b>Case Studies</b>	<b>Issue</b>
<p><a href="#"><b>The Seven Stages of Commodity Market Evolution</b></a> By Julie Lerner, Chief Executive Officer, PanXchange</p>	Summer 2020, p. 63
<p><a href="#"><b>The Amaranth Case Study</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Summer 2018, p. 82
<p><a href="#"><b>Could Problems at MF Global Have Been Anticipated?</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2017, p. 62
<p><a href="#"><b>Fear and Heat in the Texas Power Markets: A Tail-Risk Example and Perspective</b></a> By Peter O'Neill, Director, Risk Analytics, Archer Daniels Midland Company</p>	Spring 2017, p. 101
<p><a href="#"><b>Emerging Challenges for Commodity Risk Managers from an Industrial Consumer's Standpoint</b></a> By Sven Streitmayer, Senior Commodity Risk Manager, Robert Bosch GmbH, Germany</p>	Spring 2017, p. 81
<p><a href="#"><b>Case Study on Olam International</b></a> Presentation by Professor Forest Reinhardt, Harvard Business School As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Fall 2016, p. 56
<p><a href="#"><b>Case Studies From Commodity Derivatives Debacles</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2016, p. 59
<p><a href="#"><b>Brief Case Studies on Futures Contract Successes and Failures</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2016, p. 62
<p><a href="#"><b>MF Global Five Years On</b></a> By Richard Heckinger, Member of the Working Group on Financial Markets at the Federal Reserve Bank of Chicago</p>	Spring 2016, p. 137
<b>China</b>	<b>Issue</b>
<p><a href="#"><b>Guinea's Brown Gold in Muddier Waters</b></a> By Colin Waugh, Member of the GCARD's Editorial Advisory Board</p>	GCARD Newsletter October 2021
<p><a href="#"><b>Entering the Global Carbon Trading Fray: China Launches its Carbon ETS</b></a> By Colin Waugh, Member of the GCARD's Editorial Advisory Board</p>	GCARD Newsletter August 2021
<p><a href="#"><b>Surging World Grain and Oilseed Markets Test Beijing's Food Security Strategy</b></a> By Colin Waugh, Member of the GCARD's Editorial Advisory Board</p>	GCARD Newsletter July 2021
<p><a href="#"><b>The "Necessary Evil" in Chinese Commodity Markets</b></a> Research by John Hua Fan, Griffith Business School, Griffith University, Australia; Di Mo, School of Economics, Finance and Marketing, RMIT University, Australia; and Tingxi Zhang, Griffith Business School, Griffith University, Australia</p>	Winter 2020, p. 28
<p><a href="#"><b>Chinese Demand Bailed Out Base Metals Prices But Is A Property Red Flag Rising?</b></a> By Natasha Kaneva, Executive Director, Head of Global Commodities Strategy, J.P. Morgan and Gregory Shearer, Vice President, Global Commodities Research, J.P. Morgan</p>	Winter 2020, p. 45
<p><a href="#"><b>Investable Commodity Premia in China</b></a> Research by Robert Bianchi, John Hua Fan, and Tingxi Zhang, Griffith Business School, Griffith University, Australia Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Summer 2020, p. 78



China (Continued)	Issue
<p><a href="#"><b>Commodity Consequences of the U.S.-China Trade Disputes</b></a> By Colin M. Waugh, Member of the GCARD's Editorial Advisory Board</p>	Summer 2020, p. 96
<p><a href="#"><b>Demystifying Commodity Futures in China</b></a> By John Hua Fan and Tingxi Zhang, Griffith Business School, Australia As summarized by John Hua Fan, Griffith Business School, Griffith University, Australia</p>	Winter 2019, p. 107
<p><a href="#"><b>Chinese Economic Growth and Commodity Performance</b></a> By Jodie Gunzberg, Managing Director, Head of U.S. Equities, S&amp;P Dow Jones Indices</p>	Winter 2017, p. 83
<p><a href="#"><b>China: Credit, Collateral, and Commodity Prices</b></a> By Shaun Roache, Temasek International and Marina Rousset, International Monetary Fund As summarized by Keith Black, Managing Director, Curriculum &amp; Exams, CAIA Association</p>	Fall 2016, p. 52
<p><a href="#"><b>The Determinants of the Price of Crude Oil: The Relative Importance of Fracking, China, and Geopolitics</b></a> Presentation by Professor James Hamilton, University of California, San Diego As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Fall 2016, p. 61
Commodity Futures Markets	Issue
<p><a href="#"><b>Extreme Price Co-movement of Commodity Futures and Industrial Production Growth: An Empirical Evaluation</b></a> By Xiaoqian Wen, Southwestern University of Finance and Economics, China; Yuxin Xie, Southwestern University of Finance and Economics, China; and Athanasios A. Pantelous, Monash University, Australia; and Edited by Ana-Maria Fuertes, Bayes Business School, City, University of London (U.K.) and Associate Editor of the GCARD</p>	Winter 2021, p. 55
<p><a href="#"><b>Open Outcry Traders History Project Captures Traders' Stories from Bygone Era: Their Stories Live on Even if They Don't</b></a> By John Lothian, Founder and Publisher, John Lothian News</p>	Winter 2021, p. 110
<p><a href="#"><b>Commodities, Crude Oil, and Diversified Portfolios</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	GCARD Newsletter July 2021
<p><a href="#"><b>Volatility in Dairy Markets: Towards a Dynamic Value at Risk Model for Dairy Commodity Trading</b></a> By Vincent Almering, Group Treasurer, Interfood Holding B.V., The Netherlands; Herbert Rijken, Full Professor in Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands; and Frans Cleton, Senior Manager, KPMG Advisory, The Netherlands and Program Manager and Instructor, Postgraduate Program, Treasury and Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands</p>	Summer 2021, p. 121
<p><a href="#"><b>Commodity Portfolio Management: Strategy Structuring Considerations</b></a> By Vito Turitto, Lead Quantitative Analyst, S&amp;P Global Platts, U.K.</p>	Summer 2021, p. 137
<p><a href="#"><b>Commodity Markets in a Post COVID-19 World</b></a> By John Baffes, Senior Agriculture Economist, Prospects Group, World Bank</p>	Winter 2020, p. 17
<p><a href="#"><b>The "Necessary Evil" in Chinese Commodity Markets</b></a> Research by John Hua Fan, Griffith Business School, Griffith University, Australia; Di Mo, School of Economics, Finance and Marketing, RMIT University, Australia; and Tingxi Zhang, Griffith Business School, Griffith University, Australia</p>	Winter 2020, p. 28
<p><a href="#"><b>The Role of Academics and Empirical Studies in Evaluating Futures Markets</b></a> Summarized by Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2020, p. 35



<b>Commodity Futures Markets (Continued)</b>	<b>Issue</b>
<p><b><a href="#">Can a Responsible Investor Invest in Commodity Futures?</a></b>  <i>By Gillis Björk Danielsen, Senior Portfolio Manager, APG Asset Management, The Netherlands</i></p>	<b>Winter 2020, p. 88</b>
<p><b><a href="#">Mean Reversion, Markets, and the McRib: Observations and Lessons from Seasoned Commodity Traders</a></b>  <i>By Thomas Fernandes, Managing Principal of GreenHaven Group, LLC and GreenHaven Advisors; Scott Glasing, Vice President of Trading and Futures Operations, GreenHaven Group, LLC; Douglas Wilson, Commodity Analyst, GreenHaven Group, LLC; Ashmead Pringle, President, GreenHaven Group, LLC; and David Cary, Founder, C&amp;C Ag Consulting, LLC</i></p>	<b>Winter 2020, p. 97</b>
<p><b><a href="#">Special Report: Economist's Edge Thoughts on the Twists and Turns of the Virus' Impact on Commodities</a></b>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	<b>Winter 2020, p. S1</b>
<p><b><a href="#">Fear of Hazards in Commodity Markets</a></b>  <i>Research by Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City University of London, U.K.; Marcos Gonzalez-Fernandez, University of León, Spain; and Joëlle Miffre, Audencia Business School, Nantes, France  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Summer 2020, p. 72</b>
<p><b><a href="#">Investable Commodity Premia in China</a></b>  <i>Research by Robert Bianchi, John Hua Fan and Tingxi Zhang, Griffith Business School, Griffith University, Australia  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Summer 2020, p. 78</b>
<p><b><a href="#">Futures Trading and the Excess Co-Movement of Commodity Prices</a></b>  <i>Research by Yannick Le Pen, Université Paris-Dauphine, Université PSL, France and Benoît Sévi, Université de Nantes, France  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Summer 2020, p. 87</b>
<p><b><a href="#">Speculative Pressure</a></b>  <i>By John Hua Fan, Griffith Business School, Australia; Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.; and Joëlle Miffre, Audencia Business School, Nantes, France  As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Winter 2019, p. 102</b>
<p><b><a href="#">Demystifying Commodity Futures in China</a></b>  <i>By John Hua Fan and Tingxi Zhang, Griffith Business School, Australia  As summarized by John Hua Fan, Griffith Business School, Griffith University, Australia</i></p>	<b>Winter 2019, p. 107</b>
<p><b><a href="#">On Commodity Price Limits</a></b>  <i>By Rajkumar Janardanan, Summerhaven Investment Management; Xiao Qiao, Paraconic Technologies US Inc.; and K. Geert Rouwenhorst, Yale School of Management  As summarized by Xiao Qiao, Paraconic Technologies US Inc.</i></p>	<b>Winter 2019, p. 112</b>
<p><b><a href="#">Commodity Portfolio Management</a></b>  <i>By Vito Turitto, Lead Quantitative Analyst, S&amp;P Global Platts, U.K.</i></p>	<b>Winter 2019, p. 155</b>
<p><b><a href="#">Impact of Automated Orders in Futures Markets</a></b>  <i>By Elitza Voeva-Kolev and Rahul Varma of the Market Intelligence Branch, Division of Market Oversight, U.S. Commodity Futures Trading Commission</i></p>	<b>Winter 2019, p. 164</b>
<p><b><a href="#">An Analysis of Agricultural Block Trading</a></b>  <i>By David Amato, Twan Dixon, Eugene Kunda, Jerry Lavin, Robert Penksa and Rahul Varma of the Market Intelligence Branch, Division of Market Oversight, U.S. Commodity Futures Trading Commission</i></p>	<b>Summer 2019, p. 84</b>



<b>Commodity Futures Markets (Continued)</b>	<b>Issue</b>
<p><b><a href="#">An Additional Aspect of Whether Futures Contracts Succeed: The Nature of Governmental Intervention</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2018, p. 77
<p><b><a href="#">From Grain to Natural Gas: The Historical Circumstances That Led to the Need for Futures Contracts</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Summer 2018, p. 90
<p><b><a href="#">Positioning Analysis in Commodity Markets: Bridging Fundamental and Technical Analysis</a></b>            By Mark Keenan, Managing Director, Global Commodities Strategist and Head of Research for Asia Pacific, Société Générale Corporate &amp; Investment Bank, Singapore</p>	Summer 2018, p. 119
<p><b><a href="#">The Effects of Margin Changes on Commodity Futures Markets</a></b>            By Charoula Daskalaki, University of Crete, Greece; and George Skiadopoulos, University of Piraeus, Greece            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Winter 2017, p. 47
<p><b><a href="#">Common Miscalculations in Futures Trading</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2017, p. 59
<p><b><a href="#">Sources of Return in the Commodity Futures Markets</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2017, p. 40
<p><b><a href="#">The Economic Role of Hedgers and Speculators in the Commodity Futures Markets</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2017, p. 50
<p><b><a href="#">Is Idiosyncratic Volatility Priced in Commodity Futures Markets?</a></b>            By Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.; and Joëlle Miffre, EDHEC Business School, Nice, France            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Spring 2017, p. 59
<p><b><a href="#">Why Haven't Uranium Futures Contracts Succeeded?</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Fall 2016, p. 41
<p><b><a href="#">The Determinants of Convenience Yields</a></b>            By Marcel Prokopczuk, Leibniz Universität Hannover, Germany and ICMA Centre, University of Reading, U.K.; and Yingying Wu, Xi'an Jiaotong Liverpool University, China            As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Spring 2016, p. 81
<b>Commodity Investing</b>	<b>Issue</b>
<p><b><a href="#">Commodities, Crude Oil, and Diversified Portfolios</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	GCARD Newsletter July 2021
<p><b><a href="#">Dynamic Commodity Valuations</a></b>            By Nick Vasserman, Founder and Chief Investment Officer, Integrated Portfolio Intelligence, LLC</p>	Summer 2021, p. 104
<p><b><a href="#">Practical Considerations for Commodity Investment Analysis</a></b>            By Thomas Brady, Executive Director of the JPMCC at the University of Colorado Denver Business School</p>	Winter 2019, p. 66



<b>Commodity Investing (Continued)</b>	<b>Issue</b>
<p><b><a href="#">The Superclasses of Assets Revisited</a></b>  <i>By Robert Greer, Scholar-in-Residence, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Winter 2018, p. 62</b>
<p><b><a href="#">Diversification Benefits of Commodities: A Stochastic Dominance Efficiency Approach</a></b>  <i>By Charoula Daskalaki, University of Crete, Greece; George Skiadopoulos, University of Piraeus, Greece and Queen Mary, University of London; and Nikolas Topaloglou, Athens University of Economics and Business, Greece</i>  <i>As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Spring 2017, p. 56</b>
<p><b><a href="#">The New Administration and the Coming Resurgence in Commodities</a></b>  <i>By Andy Hecht, Subject Matter Expert, "Foundations for Commodities" Professional Education Program, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Spring 2017, p. 117</b>
<p><b><a href="#">The Fundamental Elements of a Commodity Investment Process</a></b>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Fall 2016, p. 28</b>
<p><b><a href="#">What are the Sources of Return for CTAs and Commodity Indices? A Brief Survey of Relevant Research</a></b>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Spring 2016, p. 53</b>
<p><b><a href="#">Portfolio Rebalancing and Commodities: The Whole is Greater Than the Sum of Its Parts</a></b>  <i>By Robert Greer, Scholar-in-Residence, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Spring 2016, p. 118</b>
<b>Commodity Super Cycle</b>	<b>Issue</b>
<p><b><a href="#">Interview with Daniel Jerrett, Co-Founder and Chief Investment Officer, Strategy Capital LP</a></b>  <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i></p>	<b>Winter 2021, p. 115</b>
<p><b><a href="#">How Super is the Commodity Cycle?</a></b>  <i>Presentation by Daniel Jerrett, Strategy Capital LP</i></p>	<b>JPMCC Symposium August 2021</b>
<p><b><a href="#">Towards a New Commodity Super-Cycle?</a></b>  <i>Presentation by David Fyfe, Argus Media</i></p>	<b>JPMCC Symposium August 2021</b>
<p><b><a href="#">Are We in for Another Commodity Super Cycle?</a></b>  <i>Presentation by Gregory Shearer, J.P. Morgan</i></p>	<b>JPMCC Symposium August 2021</b>
<p><b><a href="#">A New Commodity Supercycle?</a></b>  <i>Presentation by Saad Rahim, Trafigura</i></p>	<b>JPMCC Symposium August 2021</b>
<p><b><a href="#">Commodity Price Shocks: Order within Chaos?</a></b>  <i>Presentation by Alain Kabundi, World Bank</i></p>	<b>JPMCC Symposium August 2021</b>
<p><b><a href="#">How Super is the Commodity Cycle?</a></b>  <i>By Daniel Jerrett, Chief Investment Officer, Strategy Capital LP</i></p>	<b>Summer 2021, p. 74</b>



Crude Oil	Issue
<p><b><a href="#">A Practitioner Perspective on When OPEC Spare Capacity Has Mattered for Oil Prices: An Update</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	<p>Winter 2022 (online only)</p>
<p><b><a href="#">Presentation on OPEC Spare Capacity and Oil Prices</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	<p>KAPSARC (KSA), OIES (U.K.), and CEPMLP (U.K.), December 2021</p>
<p><b><a href="#">Searching for Asymmetry: The Case of Crude Oil</a></b>            By Bluford Putnam, Chief Economist, CME Group</p>	<p>Winter 2021, p. 39</p>
<p><b><a href="#">The Smile of the Volatility Risk Premia</a></b>            By Iliia Bouchouev, Managing Partner, Pentathlon Investments and Brett Johnson Vice President, Cboe Global Markets</p>	<p>Winter 2021, p. 60</p>
<p><b><a href="#">Volatility, Contango, and Crude Oil Inventories: A Complex Relationship —The Changing Nature of World Oil Markets</a></b>            By Jennifer Considine, Visiting Researcher, King Abdullah Petroleum Studies and Research Center (KAPSARC), Saudi Arabia and Senior Research Fellow, Centre for Energy, Petroleum and Mineral Law &amp; Policy, University of Dundee, United Kingdom; Abdullah Aldayel, Senior Research Analyst, KAPSARC, Saudi Arabia; and Philipp Galkin, Visiting Researcher, KAPSARC, Saudi Arabia</p>	<p>Winter 2021, p. 75</p>
<p><b><a href="#">Commodities, Crude Oil, and Diversified Portfolios</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	<p>GCARD Newsletter July 2021</p>
<p><b><a href="#">On the Negative Pricing of WTI Crude Oil Futures</a></b>            Research by Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.; and Joëlle Miffre, Audencia Business School, France</p>	<p>Summer 2021, p. 36</p>
<p><b><a href="#">The New Benchmark for Forecasts of the Real Price of Crude Oil</a></b>            Research by Amor Aniss Benmoussa, Economist, Bank of Canada; Reinhard Ellwanger, Senior Economist, Bank of Canada; and Stephen Snudden, Assistant Professor, Wilfrid Laurier University, Canada</p>	<p>Summer 2021, p. 44</p>
<p><b><a href="#">Oil Risk Premia under Changing Regimes</a></b>            By Iliia Bouchouev, Managing Partner, Pentathlon Investments and Lingchao Zuo, Senior Quantitative Analyst, National Grid</p>	<p>Winter 2020, p. 49</p>
<p><b><a href="#">Negative Oil Prices, Options, and the Bachelier Model</a></b>            By Greg Sterijevski, Founder, CommodityVol.com and Andrew Kumiega, Assistant Professor of Analytics, Stuart School of Business, Illinois Institute of Technology</p>	<p>Winter 2020, p. 60</p>
<p><b><a href="#">If Data is the New Oil, Nowcasting is the New Drilling Equipment</a></b>            By Florian Thaler, Co-Founder and CEO, OilX; Juan Carlos Rodrigues, Oil Economist, OilX; and Bert Gilbert, Head of North American Business Development, OilX</p>	<p>Winter 2020, p. 80</p>
<p><b><a href="#">Is Oil-Indexation Still Relevant for Pricing Natural Gas?</a></b>            By Adila Mchich, Director, Research and Product Development, CME Group and Hilary Till, Solich Scholar, J.P. Morgan Center of Commodities, University of Colorado Denver Business School</p>	<p>Winter 2020, p. 105</p>
<p><b><a href="#">Closer to One Great Pool? Evidence from Structural Breaks in Oil Price Differentials</a></b>            By Michael Plante, Senior Research Economist, Federal Reserve Bank of Dallas and Grant Strickler, Former Research Assistant, Federal Reserve Bank of Dallas</p>	<p>Summer 2020, p. 38</p>





<b>Crude Oil (Continued)</b>	<b>Issue</b>
<p><b><a href="#">Monopoly Power in the Oil Market and the Macroeconomy</a></b>  <i>By Nicole Branger, Professor of Finance, School of Business and Economics, University of Münster, Germany; René Marian Flacke, Graduate Student, School of Business and Economics, University of Münster, Germany; and Nikolai Gräber, Fixed Income Portfolio Manager, Provinzial NordWest Asset Management GmbH</i></p>	<b>Summer 2020, p. 44</b>
<p><b><a href="#">The Effect of Oil-Price Shocks on Asset Markets: Evidence from Oil Inventory News</a></b>  <i>By Ron Alquist, Vice President, AQR Capital Management; Reinhard Ellwanger, Senior Economist, Bank of Canada; and Jianjian Jin, Senior Analyst, Investment Strategy and Risk Department, British Columbia Investment Management Corporation, Canada</i></p>	<b>Summer 2020, p. 52</b>
<p><b><a href="#">Forecasting Crude Oil and Refined Products Volatilities and Correlations: New Evidence from Fractionally-Integrated Multivariate GARCH Models</a></b>  <i>Research by Malvina Marchese, Michael Tamvakis, Ioannis Kyriakou, Bayes Business School, City University of London, U.K. and Francesca Di Iorio, Dipartimento di Scienze Politiche, Università degli Studi di Napoli Federico II, Italy  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	<b>Summer 2020, p. 92</b>
<p><b><a href="#">The Big Oil Short: This Time is Different</a></b>  <i>By Jan-Hein Jesse, Founder, JOSCO Energy Finance and Strategy Consultancy, The Netherlands</i></p>	<b>Summer 2020, p. 108</b>
<p><b><a href="#">The JPMCC Geopolitical Oil Price Risk Index</a></b>  <i>By Yosef Bonaparte, JPMCC Program Director and Associate Professor of Finance, University of Colorado Denver Business School</i></p>	<b>Winter 2019, p. 36</b>
<p><b><a href="#">Gold, Copper, and Oil: Dancing to Different Drummers</a></b>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	<b>Winter 2019, p. 40</b>
<p><b><a href="#">The Relationship between Oil Prices, Exchange Rates and Interest Rates</a></b>  <i>By Lutz Kilian, Senior Economic Policy Adviser, Federal Reserve Bank of Dallas and Xiaoqing Zhou, Economist, Federal Reserve Bank of Dallas</i></p>	<b>Winter 2019, p. 92</b>
<p><b><a href="#">Oil in the Long Term</a></b>  <i>By Abhishek Deshpande, Executive Director, Head of Global Oil Market Research &amp; Strategy, J.P. Morgan</i></p>	<b>Winter 2019, p. 126</b>
<p><b><a href="#">The Simple Economics of Global Fuel Consumption: Digest Version</a></b>  <i>By Doga Bilgin, Former Research Assistant, Bank of Canada and Reinhard Ellwanger, Senior Economist, Bank of Canada</i></p>	<b>Summer 2019, p. 41</b>
<p><b><a href="#">Revisiting Price Volatility Behavior in the Crude Oil Market</a></b>  <i>By Thomas K. Lee, Senior Economist, Energy Information Administration (EIA), U.S. Department of Energy (DOE) and John Zyren, Senior Industry Economist &amp; Econometrician, EIA, U.S. DOE</i></p>	<b>Summer 2019, p. 71</b>
<p><b><a href="#">Four Ideas to Consider When Analyzing Long-Term Prospects for Oil and Natural Gas</a></b>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	<b>Winter 2018, p. 31</b>
<p><b><a href="#">The \$200 Billion Annual Value of OPEC's Spare Capacity to the Global Economy</a></b>  <i>By Adam Sieminski, President, King Abdullah Petroleum Studies and Research Center (KAPSARC), Saudi Arabia</i></p>	<b>Winter 2018, p. 88</b>
<p><b><a href="#">What are the Factors that are Impacting Global Oil Prices?</a></b>  <i>By Robert McNally, Founder and President, Rapidan Energy Group</i></p>	<b>Winter 2018, p. 92</b>
<p><b><a href="#">Why Did the 2014-16 Oil Price Decline Not Create a Surge in Economic Activity?</a></b>  <i>By Lutz Kilian, University of Michigan, Ann Arbor and Xiaoqing Zhou, Senior Economist, Bank of Canada</i></p>	<b>Summer 2018, p. 51</b>



<b>Crude Oil (Continued)</b>	<b>Issue</b>
<p><a href="#"><b>The History of a Supply-Driven Bear Market: Oil Price Surprises from 2016 Onward</b></a> By Jan-Hein Jesse, Founder, JOSCO Energy Finance and Strategy Consultancy, The Netherlands</p>	Summer 2018, p. 107
<p><a href="#"><b>Volatility in Crude Oil Markets: Trading and Risk Management</b></a> By Vito Turitto, Manager, Quantitative Analysis, S&amp;P Global Platts, U.K.</p>	Summer 2018, p. 130
<p><a href="#"><b>Oil Markets: The Analytical Challenges</b></a> By Bluford Putnam, Chief Economist, CME Group</p>	Winter 2017, p. 23
<p><a href="#"><b>The History of a Supply-Driven Bear Market: Oil Price Surprises from 2014 through 2015</b></a> By Jan-Hein Jesse, Founder, JOSCO Energy Finance and Strategy Consultancy, The Netherlands</p>	Winter 2017, p. 98
<p><a href="#"><b>Inferring Petroleum-Complex Fundamentals through Price-Relationship Data</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School and Joseph Eagleeye, Principal, Premia Research LLC</p>	Winter 2017, p. 111
<p><a href="#"><b>Crude Oil Contracts: The “Message from Markets”</b></a> By Ehud Ronn, University of Texas at Austin</p>	Spring 2017, p. 27
<p><a href="#"><b>Good Ol’ American Shale</b></a> By Ebele Kemery, Global Head of Business Technology Optimization, J.P. Morgan Wealth Management</p>	Spring 2017, p. 92
<p><a href="#"><b>Timing Indicators for Structural Positions in Crude Oil Futures Contracts</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Fall 2016, p. 46
<p><a href="#"><b>The Determinants of the Price of Crude Oil: The Relative Importance of Fracking, China, and Geopolitics</b></a> Presentation by Professor James Hamilton, University of California, San Diego As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Fall 2016, p. 61
<p><a href="#"><b>Swing Oil Production and the Role of Credit</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School and Jan-Hein Jesse, Founder, JOSCO Energy Finance and Strategy Consultancy, The Netherlands</p>	Fall 2016, p. 70
<p><a href="#"><b>Oil Market Dynamics and 2016 Outlook</b></a> By Bluford Putnam, Chief Economist, CME Group</p>	Spring 2016, p. 28
<p><a href="#"><b>Why Do Oil Prices Keep Going Down?</b></a> By Marcelle Arak, University of Colorado Denver Business School and Sheila Tschinkel, Emory University</p>	Spring 2016, p. 40
<p><a href="#"><b>When Has OPEC Spare Capacity Mattered For Oil Prices?</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2016, p. 47
<p><a href="#"><b>The Biofuel Connection: Impact of US Regulation on Oil and Food Prices</b></a> By Fernando Avalos, Bank for International Settlements (BIS) and Marco Lombardi, BIS As summarized by Contributing Editor, Global Commodities Applied Research Digest</p>	Spring 2016, p. 72
<p><a href="#"><b>Evolving Benchmarks in the New Oil Order</b></a> By Jan-Hein Jesse, Founder, JOSCO Energy Finance and Strategy Consultancy, The Netherlands</p>	Spring 2016, p. 124



Cryptoassets and Blockchain	Issue
<p><a href="#"><b>Six Commodities Predictions for 2022</b></a> By Deanna Reitman, Of Counsel, DLA Piper and Michael Mapp, Associate, DLA Piper</p>	GCARD Newsletter March 2022
<p><a href="#"><b>Gold and Bitcoin – A Short Study of Two Carbon Impacts</b></a> By Gillis Björk Danielsen, Senior Portfolio Manager, APG Asset Management, The Netherlands</p>	Winter 2021, p. 67
<p><a href="#"><b>The JPMCC Panel on Cryptocurrencies</b></a></p>	Winter 2019, p. 26
<p><a href="#"><b>Interview with Blythe Masters, A Global Leader of Innovation across Markets and Asset Classes</b></a> Interview by Contributing Editor, Global Commodities Applied Research Digest</p>	Winter 2019, p. 175
<p><a href="#"><b>Blockchain and Financial Market Innovation</b></a> By Rebecca Lewis, Former Analyst, Federal Reserve Bank of Chicago; John McPartland, Senior Policy Advisor, Federal Reserve Bank of Chicago; and Rajeev Ranjan, Senior Vice President, Citi and Former Policy Advisor, Federal Reserve Bank of Chicago</p>	Summer 2019, p. SF1
<p><a href="#"><b>Three Possible Ways that Blockchain Technology Could Disrupt the Commodities Industry</b></a> By Alex Cohen, Co-Founder and Managing Director, New Beacon Partners and Luis Quintero, Co-Founder and Managing Director, New Beacon Partners</p>	Summer 2019, p. SF17
<p><a href="#"><b>Digital Assets: The Era of Tokenized Securities</b></a> By Brian Leiberman, Chief Operating Officer and Head of Global Capital at MLG Blockchain, Canada and Dave Mirynych, Director of Research and Blockchain Consultant at MLG Blockchain, Canada</p>	Summer 2019, p. SF25
<p><a href="#"><b>Cryptocurrencies, Bitcoin and Blockchain: An Educational Piece on How They Work</b></a> By Mark Keenan, Managing Director, Global Commodities Strategist and Head of Research for Asia Pacific, Société Générale Corporate &amp; Investment Bank, Singapore; Michael Haigh, Managing Director and Global Head of Commodities Research, Société Générale, U.S.; David Schenck, Commodities Analyst, Société Générale, U.K.; and Klaus Baader, Global Chief Economist, Société Générale, U.K.</p>	Winter 2018, p. SF1
<p><a href="#"><b>How Futures Trading Changed Bitcoin Prices</b></a> By Galina Hale, Research Advisor, Federal Reserve Bank of San Francisco; Arvind Krishnamurthy, The John S. Osterweis Professor of Finance, Stanford Graduate School of Business; Marianna Kudlyak, Research Advisor, Federal Reserve Bank of San Francisco; and Patrick Shultz, Doctoral Candidate, Wharton School, University of Pennsylvania and Former Research Associate, Federal Reserve Bank of San Francisco</p>	Winter 2018, p. SF36
<p><a href="#"><b>Blockchain for Physical Commodity Markets - A Realist's Perspective</b></a> By Julie Lerner, Chief Executive Officer, PanXchange</p>	Winter 2018, p. SF43
<p><a href="#"><b>Interview with Don Wilson, CEO of DRW; and Co-Founder and Board Member, Digital Asset Holdings</b></a></p>	Winter 2018, p. SF48
CTA	Issue
<p><a href="#"><b>Part 2: Trend's Not Dead (It's Just Moved to a Trendier Neighborhood)</b></a> By Thomas Babbedge, Chief Scientist and Deputy Head of Systematic Strategies and J. Scott Kerson, Senior Managing Director and Head of Systematic Strategies, Gresham Investment Management</p>	Summer 2020, p. 141
<p><a href="#"><b>Part 1: Trend, My Friend, Is This the End?</b></a> By Thomas Babbedge, Chief Scientist and Deputy Head of Systematic Strategies and J. Scott Kerson, Senior Managing Director and Head of Systematic Strategies, Gresham Investment Management</p>	Winter 2019, p. 148



<b>CTA (Continued)</b>	<b>Issue</b>
<p><a href="#"><b>Just a One-Trick Pony? An Analysis of CTA Risk and Return</b></a>            By Jason Foran, Mark Hutchinson, David McCarthy, and John O'Brien, University College Cork, Ireland            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	<b>Winter 2018, p. 68</b>
<p><a href="#"><b>What are the Sources of Return for CTAs and Commodity Indices? A Brief Survey of Relevant Research</b></a>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	<b>Spring 2016, p. 53</b>
<b>Dairy</b>	<b>Issue</b>
<p><a href="#"><b>What U.S. Dairy Executives Learned from the Pandemic</b></a>            By Christina Adams, Partner, McKinsey &amp; Company; Melanie Lieberman, Engagement Manager, McKinsey &amp; Company; Ludovic Meilhac, Partner, McKinsey &amp; Company; and Roberto Uchoa, Senior Partner, McKinsey &amp; Company</p>	<b>Winter 2021, p. 100</b>
<p><a href="#"><b>Volatility in Dairy Markets: Towards a Dynamic Value at Risk Model for Dairy Commodity Trading</b></a>            By Vincent Almering, Group Treasurer, Interfood Holding B.V., The Netherlands; Herbert Rijken, Full Professor in Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands; and Frans Cleton, Senior Manager, KPMG Advisory, The Netherlands and Program Manager and Instructor, Postgraduate Program, Treasury and Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands</p>	<b>Summer 2021, p. 121</b>
<p><a href="#"><b>A Mean-Variance Approach for Optimizing Physical Commodity Production Decisions</b></a>            By Tom Soutter, Trader, Fonterra Co-operative, New Zealand and Isaac Manuel, Trader, Fonterra Co-operative, New Zealand</p>	<b>Summer 2019, p. 58</b>
<b>Economic Analysis</b>	<b>Issue</b>
<p><a href="#"><b>Supply-Chain Inflation: Transitory or Durable?</b></a>            By David Fyfe, Group Chief Economist, Argus Media</p>	<b>Winter 2021, p. 92</b>
<p><a href="#"><b>Persistence of Commodity Shocks</b></a>            By John Baffes, Senior Agriculture Economist, Prospects Group, World Bank; and Alain Kabundi, Senior Economist, Prospects Group, World Bank</p>	<b>Summer 2021, p. 19</b>
<p><a href="#"><b>How Super is the Commodity Cycle?</b></a>            By Daniel Jerrett, Chief Investment Officer, Strategy Capital LP</p>	<b>Summer 2021, p. 74</b>
<p><a href="#"><b>Gold, Copper, and Oil: Dancing to Different Drummers</b></a>            By Bluford Putnam, Chief Economist, CME Group</p>	<b>Winter 2019, p. 40</b>
<p><a href="#"><b>The Relationship between Oil Prices, Exchange Rates and Interest Rates</b></a>            By Lutz Kilian, Senior Economic Policy Adviser, Federal Reserve Bank of Dallas and Xiaoqing Zhou, Economist, Federal Reserve Bank of Dallas</p>	<b>Winter 2019, p. 92</b>
<p><a href="#"><b>How to Measure Global Real Economic Activity when Modeling Commodity Prices</b></a>            By Lutz Kilian, University of Michigan, Ann Arbor and Xiaoqing Zhou, Senior Economist, Bank of Canada</p>	<b>Summer 2019, p. 32</b>
<p><a href="#"><b>Book Review: Economics Gone Astray</b></a>            By Tina Marie Reine, Commodity Markets Consultant</p>	<b>Summer 2019, p. 95</b>
<p><a href="#"><b>Let the Trade Skirmishes Begin</b></a>            By Bluford Putnam, Chief Economist, CME Group</p>	<b>Summer 2018, p. 23</b>



<b>Economic Analysis (Continued)</b>	<b>Issue</b>
<p><a href="#"><b>The Great Suppression</b></a> By Colin Fenton, Managing Partner and Head of Research, Blacklight Research LLC</p>	Fall 2016, p. 20
<b>Economic History</b>	<b>Issue</b>
<p><a href="#"><b>Recalling Joseph Ritchie, Legendary Founder of Chicago Research and Trading (CRT)</b></a> By John Lothian, Founder and Publisher, John Lothian News</p>	GCARD Newsletter April 2022
<p><a href="#"><b>Open Outcry Traders History Project Captures Traders' Stories from Bygone Era: Their Stories Live on Even if They Don't</b></a> By John Lothian, Founder and Publisher, John Lothian News</p>	Winter 2021, p. 110
<p><a href="#"><b>Looking into a Distant Mirror: the 1870s</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2019 (online only)
<b>Education</b>	<b>Issue</b>
<p><a href="#"><b>The Importance of Commodity Education</b></a> By Thomas Brady, Executive Director, J.P. Morgan Center for Commodities, University of Colorado Denver Business School and Managing Director and Editor, Commodities Report, Capitalight Research, Canada</p>	Winter 2021, p. 14
<p><a href="#"><b>Nothing Matches Risking One's Own Money</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2019 (online only)
<p><a href="#"><b>An In-Depth Exploration of the Commodity Markets is Essential for a Well-Rounded Business Education</b></a> By Andy Hecht, Subject Matter Expert, "Foundations of Commodities" Professional Education Program, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2016, p. 115
<b>Electricity Storage</b>	<b>Issue</b>
<p><a href="#"><b>Small-Scale Electricity Storage: Future or Folly?</b></a> By Thorvin Anderson, Content Director, "Foundations for Commodities" Professional Education Program, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Spring 2017, p. 63
<b>ESG</b>	<b>Issue</b>
<p><a href="#"><b>Carbon Markets: A New Asset Class</b></a> By Nick Vasserman, Founder and Chief Investment Officer, Integrated Portfolio Intelligence, LLC</p>	GCARD Newsletter April 2022
<p><a href="#"><b>Six Commodities Predictions for 2022</b></a> By Deanna Reitman, Of Counsel, DLA Piper and Michael Mapp, Associate, DLA Piper</p>	GCARD Newsletter March 2022
<p><a href="#"><b>Commodity Investing in the Age of ESG and Inflation</b></a> By Tim Pickering, CIO and Founder, Auspice Capital Advisors and Brennan Basnicki, Director and Product Specialist, Partner, Auspice Capital Advisors</p>	GCARD Newsletter March 2022
<p><a href="#"><b>Gold and Bitcoin – A Short Study of Two Carbon Impacts</b></a> By Gillis Björk Danielsen, Senior Portfolio Manager, APG Asset Management, The Netherlands</p>	Winter 2021, p. 67
<p><a href="#"><b>ESG and the Applicability to the Commodities Industry</b></a> Presentation by John Gavin, Integrated Portfolio Intelligence, LLC</p>	JPMCC Symposium August 2021
<p><a href="#"><b>ESG and the Applicability to Commodities – Business Perspective</b></a> Presentation by Nick Cotts, Newmont Mining</p>	JPMCC Symposium August 2021
<p><a href="#"><b>ESG Management</b></a> Presentation by Rodolfo Araujo, FTI Consulting</p>	JPMCC Symposium August 2021



<b>ESG (Continued)</b>	<b>Issue</b>
<p><b><a href="#">ESG Comes to Town</a></b>  <i>By Kartik Ghia, Co-Head of the Systematic Strategies Team, Index and ESG Research Group, Bloomberg LP; A.J. Lindeman, Head of the Index and ESG Research Group, Bloomberg LP; and Michael Zhang, Quantitative Analyst, Index and ESG Research Group, Bloomberg LP</i></p>	Summer 2021, p. 58
<p><b><a href="#">Can a Responsible Investor Invest in Commodity Futures?</a></b>  <i>By Gillis Björk Danielsen, Senior Portfolio Manager, APG Asset Management, The Netherlands</i></p>	Winter 2020, p. 88
<p><b><a href="#">An Update on the Evolving Developments in Sustainable Banking</a></b>  <i>By Tina Marie Reine, Senior Carbon Market Developer – North America, World Fuel Services</i></p>	Summer 2020, p. 149
<p><b><a href="#">The Transition to the Next Generation of Energy Sources</a></b>  <i>As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	Research Council Report, December 2015 (online only)
<b>Futures Trading Strategies</b>	<b>Issue</b>
<p><b><a href="#">Oil Risk Premia under Changing Regimes</a></b>  <i>By Iliia Bouchouev, Managing Partner, Pentathlon Investments and Lingchao Zuo, Senior Quantitative Analyst, National Grid</i></p>	Winter 2020, p. 49
<p><b><a href="#">Mean Reversion, Markets, and the McRib: Observations and Lessons from Seasoned Commodity Traders</a></b>  <i>By Thomas Fernandes, Managing Principal of GreenHaven Group, LLC and GreenHaven Advisors; Scott Glasing, Vice President of Trading and Futures Operations, GreenHaven Group, LLC; Douglas Wilson, Commodity Analyst, GreenHaven Group, LLC; Ashmead Pringle, President, GreenHaven Group, LLC; and David Cary, Founder, C&amp;C Ag Consulting, LLC</i></p>	Winter 2020, p. 97
<p><b><a href="#">Fear of Hazards in Commodity Markets</a></b>  <i>Research by Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City University of London, U.K.; Marcos Gonzalez-Fernandez, University of León, Spain; and Joëlle Miffre, Audencia Business School, Nantes, France  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	Summer 2020, p. 72
<p><b><a href="#">Machine Learning – A Machine’s Perspective on Positioning</a></b>  <i>By Mark Keenan, Head of Research and Strategy at Engelhart Commodity Trading Partners</i></p>	Summer 2020, p. 116
<p><b><a href="#">Part 2: Trend’s Not Dead (It’s Just Moved to a Trendier Neighborhood)</a></b>  <i>By Thomas Babbedge, Chief Scientist and Deputy Head of Systematic Strategies and J. Scott Kerson, Senior Managing Director and Head of Systematic Strategies, Gresham Investment Management</i></p>	Summer 2020, p. 141
<p><b><a href="#">How to (Potentially) Weather the Storm in Risk Premia Strategies in the Commodity Markets</a></b>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	Winter 2019, p. 117
<p><b><a href="#">Part 1: Trend, My Friend, Is This the End?</a></b>  <i>By Thomas Babbedge, Chief Scientist and Deputy Head of Systematic Strategies and J. Scott Kerson, Senior Managing Director and Head of Systematic Strategies, Gresham Investment Management</i></p>	Winter 2019, p. 148
<p><b><a href="#">Weather Fear Premia Trades: An Update</a></b>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	Summer 2019, p. 47



<b>Futures Trading Strategies (Continued)</b>	<b>Issue</b>
<p><b><a href="#">Just a One-Trick Pony? An Analysis of CTA Risk and Return</a></b>            By Jason Foran, Mark Hutchinson, David McCarthy, and John O'Brien, University College Cork, Ireland            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Winter 2018, p. 68
<p><b><a href="#">Harvesting Commodity Styles: A Flexible Integration Framework</a></b>            By Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.; and Joëlle Miffre, Audencia Business School, France            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Summer 2018, p. 69
<p><b><a href="#">Commodities Momentum: A Behavioral Perspective</a></b>            By Robert Bianchi, Michael Drew, and John Hua Fan, Griffith University, Australia            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Summer 2018, p. 74
<p><b><a href="#">Pairs Trading, Technical Analysis and Data Snooping: Mean Reversion vs. Momentum</a></b>            By Ioannis Psaradellis, University of St Andrews, U.K.; Jason Laws, University of Liverpool, U.K.; Athanasios Pantelous, Monash University, Australia; and Georgios Sermpinis, University of Glasgow, U.K.            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Summer 2018, p. 78
<p><b><a href="#">Positioning Analysis in Commodity Markets: Bridging Fundamental and Technical Analysis</a></b>            By Mark Keenan, Managing Director, Global Commodities Strategist and Head of Research for Asia Pacific, Société Générale Corporate &amp; Investment Bank, Singapore</p>	Summer 2018, p. 119
<p><b><a href="#">The Skewness of Commodity Futures Markets</a></b>            By Adrian Fernandez-Perez, Auckland University of Technology, New Zealand; Bart Frijns, Auckland University of Technology, New Zealand; Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.; and Joëlle Miffre, Audencia Business School, France            As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Winter 2017, p. 55
<p><b><a href="#">Wheat Futures Contracts: Liquidity, Spreading Opportunities, and Fundamental Factors</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Winter 2017, p. 75
<p><b><a href="#">Futures Trading Opportunities: Fundamentally-Oriented and Convergence Trading</a></b>            By Isabel Figuerola-Ferretti, Universidad Pontificia de Comillas, Spain</p>	Winter 2017, p. 89
<p><b><a href="#">Commodity Futures Trading Strategies: Trend-Following and Calendar Spreads</a></b>            By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School and Joseph Eagleeye, Principal, Premia Research LLC</p>	Spring 2017, p. 86
<b>GCARD Newsletters</b>	<b>Issue</b>
<b><a href="#">GCARD Newsletter May 2022</a></b>	May 2022
<b><a href="#">GCARD Newsletter April 2022</a></b>	April 2022
<b><a href="#">GCARD Newsletter March 2022</a></b>	March 2022
<b><a href="#">GCARD Newsletter November 2021</a></b>	November 2021
<b><a href="#">GCARD Newsletter October 2021</a></b>	October 2021
<b><a href="#">GCARD Newsletter September 2021</a></b>	September 2021
<b><a href="#">GCARD Newsletter August 2021</a></b>	August 2021
<b><a href="#">GCARD Newsletter July 2021</a></b>	July 2021



<b>General Commodities</b>	<b>Issue</b>
<p><a href="#"><b>Persistence of Commodity Shocks</b></a> By John Baffes, Senior Agriculture Economist, Prospects Group, World Bank; and Alain Kabundi, Senior Economist, Prospects Group, World Bank</p>	Summer 2021, p. 19
<p><a href="#"><b>How Super is the Commodity Cycle?</b></a> By Daniel Jerrett, Chief Investment Officer, Strategy Capital LP</p>	Summer 2021, p. 74
<p><a href="#"><b>Commodity Markets in a Post COVID-19 World</b></a> By John Baffes, Senior Agriculture Economist, Prospects Group, World Bank</p>	Winter 2020, p. 17
<p><a href="#"><b>Special Report: Economist's Edge</b></a> <a href="#"><b>Thoughts on the Twists and Turns of the Virus' Impact on Commodities</b></a> By Bluford Putnam, Chief Economist, CME Group</p>	Winter 2020, p. S1
<p><a href="#"><b>The Seven Stages of Commodity Market Evolution</b></a> By Julie Lerner, Chief Executive Officer, PanXchange</p>	Summer 2020, p. 63
<p><a href="#"><b>Child Mortality, Commodity Price Volatility and the Resource Curse</b></a> By Yousef Makhoul, Nottingham Trent University, U.K.; Neil Kellard, University of Essex, U.K.; and Dmitri Vinogradov, University of Glasgow, U.K. As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</p>	Winter 2018, p. 73
<p><a href="#"><b>Demand Shocks Fuel Commodity Price Booms and Busts</b></a> By Martin Stuermer, Senior Research Economist, Federal Reserve Bank of Dallas</p>	Summer 2018, p. 60
<b>Geopolitical Risk</b>	<b>Issue</b>
<p><a href="#"><b>The JPMCC Geopolitical Oil Price Risk Index</b></a> By Yosef Bonaparte, JPMCC Program Director and Associate Professor of Finance, University of Colorado Denver Business School</p>	Winter 2019, p. 36
<p><a href="#"><b>Geopolitical Risk and Commodities: An Investigation</b></a> By Daniel Murray, Deputy CIO and Global Head of Research, EFG Asset Management, U.K.</p>	Summer 2018, p. 95
<p><a href="#"><b>The Determinants of the Price of Crude Oil: The Relative Importance of Fracking, China, and Geopolitics</b></a> Presentation by Professor James Hamilton, University of California, San Diego As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Fall 2016, p. 61
<b>Inflation and Commodities</b>	<b>Issue</b>
<p><a href="#"><b>Presentation on Commodities &amp; Inflation</b></a> By Thomas Brady, Ph.D., Executive Director, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	GCARD Newsletter April 2022
<p><a href="#"><b>Commodity Investing in the Age of ESG and Inflation</b></a> By Tim Pickering, CIO and Founder, Auspice Capital Advisors and Brennan Basnicki, Director and Product Specialist, Partner, Auspice Capital Advisors</p>	GCARD Newsletter March 2022
<p><a href="#"><b>Supply-Chain Inflation: Transitory or Durable?</b></a> By David Fyfe, Group Chief Economist, Argus Media</p>	Winter 2021, p. 92
<p><a href="#"><b>Worried about Inflation? Get Real</b></a> By Keith Black, Managing Director, Content Strategy, CAIA Association</p>	GCARD Newsletter July 2021
<p><a href="#"><b>Commodities, Crude Oil, and Diversified Portfolios</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	GCARD Newsletter July 2021





Interviews with Thought Leaders and Innovators	Issue
<a href="#"><u>Interview with Sharon (Hyman) Weintraub, Senior Vice President, Gas and Power Trading International, bp</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2022
<a href="#"><u>Interview with Daniel Jerrett, Co-Founder and Chief Investment Officer, Strategy Capital LP</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Winter 2021, p. 115
<a href="#"><u>Interview with Jodie Gunzberg, Managing Director and Chief Institutional Investment Strategist, Morgan Stanley Wealth Management</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2021, p. 150
<a href="#"><u>Interview with Mark Keenan, Head of Research and Strategy at Engelhart Commodity Trading Partners</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Winter 2020, p. 111
<a href="#"><u>Interview with Dr. Thomas Brady, Executive Director of the JPMCC</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2020, p. 7
<a href="#"><u>Interview with Blythe Masters, A Global Leader of Innovation across Markets and Asset Classes</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Winter 2019, p. 175
<a href="#"><u>Interview with Leo Melamed, Chairman Emeritus of the CME Group and Founder of Financial Futures</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2019, p. 98
<a href="#"><u>Interview with Don Wilson, CEO of DRW; and Co-Founder and Board Member, Digital Asset Holdings</u></a>	Winter 2018, p. SF48
<a href="#"><u>Interview with Dr. James Hamilton, Professor of Economics, University of California, San Diego; Co-Chair of the JPMCC's Research Council; and Distinguished Visiting Fellow at the JPMCC</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2018, p. 136
<a href="#"><u>Interview with Robert Greer, Scholar-in-Residence and Member of the Research Council at the J.P. Morgan Center for Commodities</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Winter 2017, p. 147
<a href="#"><u>Interview with Professor Vince Kaminski, Professor in the Practice of Energy Management, Jesse H. Jones Graduate School of Business, Rice University and Member of the JPMCC's Research Council</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Spring 2017, p. 121
<a href="#"><u>Interview with Professor Emeritus Margaret Slade, Vancouver School of Economics at the University of British Columbia, Canada; and Co-Chair, J.P. Morgan Center for Commodities' Research Council</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Fall 2016, p. 89
<a href="#"><u>Interview with Professor Colin A. Carter, Distinguished Professor of Agricultural and Resource Economics, University of California, Davis; and Co-Chair, J.P. Morgan Center for Commodities' Research Council</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Spring 2016, p. 142



<b>JPMCC Activity</b>	<b>Issue</b>
<a href="#"><u>Winter 2021 Update from the Executive Director of the J.P. Morgan Center for Commodities</u></a>	Winter 2021, p. 7
<a href="#"><u>Winter 2021 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Winter 2021, p. 17
<a href="#"><u>Summer 2021 Updates from the J.P. Morgan Center for Commodities' Leadership Team</u></a>	Summer 2021, p. 8
<a href="#"><u>Summer 2021 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Summer 2021, p. 12
<a href="#"><u>Winter 2020 Updates from the J.P. Morgan Center for Commodities' Leadership Team</u></a>	Winter 2020, p. 7
<a href="#"><u>Winter 2020 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Winter 2020, p. 11
<a href="#"><u>Interview with Dr. Thomas Brady, Executive Director of the JPMCC</u></a> <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i>	Summer 2020, p. 7
<a href="#"><u>Summer 2020 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Summer 2020, p. 11
<a href="#"><u>Winter 2019 Updates from the J.P. Morgan Center for Commodities' Leadership Team</u></a>	Winter 2019, p. 10
<a href="#"><u>Winter 2019 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Winter 2019, p. 12
<a href="#"><u>The JPMCC Panel on Cryptocurrencies</u></a>	Winter 2019, p. 26
<a href="#"><u>The JPMCC Geopolitical Oil Price Risk Index</u></a> <i>By Yosef Bonaparte, JPMCC Program Director and Associate Professor of Finance, University of Colorado Denver Business School</i>	Winter 2019, p. 36
<a href="#"><u>Summer 2019 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Summer 2019, p. 13
<a href="#"><u>Winter 2018 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Winter 2018, p. 11
<a href="#"><u>Summer 2018 Update from the Research Director of the J.P. Morgan Center for Commodities</u></a> <i>By Jian Yang, J.P. Morgan Endowed Research Chair, JPMCC Research Director, and Discipline Director and Professor of Finance and Risk Management, University of Colorado Denver Business School</i>	Summer 2018, p. 10



<b>JPMCC Activity (Continued)</b>	<b>Issue</b>
<p><b><a href="#">International Commodities Symposium Summary</a></b>  <i>By Kaifeng (Kevin) Chen, Chief Economist, Horizon Financial; Keith Black, Managing Director, Curriculum and Exams, Chartered Alternative Investment Analyst Association; and Lena Gerber, Senior Marketing Professional, University of Colorado Denver Business School</i></p>	Summer 2018, p. 45
<p><b><a href="#">An In-Depth Exploration of the Commodity Markets is Essential for a Well-Rounded Business Education</a></b>  <i>By Andy Hecht, Subject Matter Expert, "Foundations of Commodities" Professional Education Program, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	Spring 2016, p. 115
<p><b><a href="#">Introduction to the JPMCC Research Council</a></b>  <i>By Contributing Editor, Global Commodities Applied Research Digest</i></p>	Spring 2016, p. 89
<b>Logistics</b>	<b>Issue</b>
<p><b><a href="#">Dry Bulk Shipping and the Evolution of Maritime Transport Costs, 1850-2020</a></b>  <i>Research by David S. Jacks, J.Y. Pillay Professor of Social Sciences, Yale-NUS College, Singapore, Professor, Simon Fraser University, Canada; and Martin Stuermer, Senior Research Economist, Federal Reserve Bank of Dallas</i></p>	Summer 2021, p. 50
<p><b><a href="#">Rail Capacity Dynamics in North America</a></b>  <i>Presentation by John Schmitter, President, KEP LLC  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	Winter 2017, p. 37
<p><b><a href="#">Asset Valuation and Market Expectations in Dry Bulk Shipping</a></b>  <i>By Nikos Nomikos, Bayes Business School, City, University of London, U.K.</i></p>	Spring 2017, p. 72
<p><b><a href="#">Optimal Trading and Shipping of Agricultural Commodities</a></b>  <i>By Nicolas Merener, Universidad Torcuato Di Tella, Argentina; Ramiro Moyano, Grupo Los Grobo, Argentina; Nicolas Stier-Moses, Universidad Torcuato Di Tella, CONICET, Argentina, and Columbia University; and Pablo Watfi, Universidad Torcuato Di Tella and Universidad de Buenos Aires, Argentina  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	Spring 2016, p. 76
<b>Machine Learning</b>	<b>Issue</b>
<p><b><a href="#">Evaluating Forecasts for Better Decision-Making in Energy Trading and Risk Management: An Industry Practitioner's View on How to Enhance the Usefulness of Forecasts Including Potential Applications of Machine Learning</a></b>  <i>By Nazim Osmancik, Chief Risk Officer, Energy Marketing &amp; Trading, Centrica Plc, U.K.</i></p>	Winter 2020, p. 71
<p><b><a href="#">Machine Learning – A Machine's Perspective on Positioning</a></b>  <i>By Mark Keenan, Head of Research and Strategy at Engelhart Commodity Trading Partners</i></p>	Summer 2020, p. 116
<b>Metals and Mining</b>	<b>Issue</b>
<p><b><a href="#">The Green Energy Transition as a Driver of Demand for Silver, Platinum, and Cobalt</a></b>  <i>By Nina Malina, Analyst, Technology Metals Market, U.K.; and Ricardo Bebiano, Marketing Coordinator and Head of Retail, Technology Metals Market, U.K.</i></p>	GCARD Newsletter May 2022
<p><b><a href="#">Interview with Daniel Jerrett, Co-Founder and Chief Investment Officer, Strategy Capital LP</a></b>  <i>Interview by Contributing Editor, Global Commodities Applied Research Digest</i></p>	Winter 2021, p. 115
<p><b><a href="#">ESG Comes to Town</a></b>  <i>By Kartik Ghia, Co-Head of the Systematic Strategies Team, Index and ESG Research Group, Bloomberg LP; A.J. Lindeman, Head of the Index and ESG Research Group, Bloomberg LP; and Michael Zhang, Quantitative Analyst, Index and ESG Research Group, Bloomberg LP</i></p>	Summer 2021, p. 58



<b>Metals and Mining (Continued)</b>	<b>Issue</b>
<p><b><a href="#">How Super is the Commodity Cycle?</a></b>  <i>By Daniel Jerrett, Chief Investment Officer, Strategy Capital LP</i></p>	Summer 2021, p. 74
<p><b><a href="#">Gold Price Relationships Before and After the Global Financial Crisis</a></b>  <i>By Daniel Murray, Deputy Chief Investment Officer and Global Head of Research, EFG Asset Management, U.K.</i></p>	Summer 2021, p. 80
<p><b><a href="#">A Review of Global Silver Supply Trends</a></b>  <i>By Thomas Brady, Executive Director, J.P. Morgan Center for Commodities, University of Colorado Denver Business School and Managing Director and Editor, Commodities Report, Capitalight Research, Canada; and Chantelle Schieven, Managing Director and Research Head, Capitalight Research, Canada</i></p>	Summer 2021, p. 90
<p><b><a href="#">Chinese Demand Bailed Out Base Metals Prices But Is A Property Red Flag Rising?</a></b>  <i>By Natasha Kaneva, Executive Director, Head of Global Commodities Strategy, J.P. Morgan and Gregory Shearer, Vice President, Global Commodities Research, J.P. Morgan</i></p>	Winter 2020, p. 45
<p><b><a href="#">The Price of Shelter – Downside Risk Reduction with Precious Metals</a></b>  <i>Research by Don Bredin, Thomas Conlon, and Valerio Poti, Smurfit Graduate School of Business, University College Dublin, Ireland  Contributed by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	Summer 2020, p. 82
<p><b><a href="#">Gold, Copper, and Oil: Dancing to Different Drummers</a></b>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	Winter 2019, p. 40
<p><b><a href="#">Practical Considerations for Commodity Investment Analysis</a></b>  <i>By Thomas Brady, Executive Director of the JPMCC at the University of Colorado Denver Business School</i></p>	Winter 2019, p. 66
<p><b><a href="#">Global Gold Mine Supply</a></b>  <i>By Thomas Brady, Executive Director of the JPMCC at the University of Colorado Denver Business School</i></p>	Winter, 2017 p. 30
<p><b><a href="#">Stock Return Forecasting with Metals: Sentiment versus Fundamentals</a></b>  <i>By Steven Jordan, Alfaisal University, Saudi Arabia; Andrew Vivian, Loughborough University, U.K.; and Mark Wohar, University of Nebraska-Omaha.  As summarized by Ana-Maria Fuertes, Bayes Business School, City, University of London, U.K.</i></p>	Winter, 2017 p. 51
<p><b><a href="#">Gold Market Dynamics Shifting Gears</a></b>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	Spring 2017, p. 20
<p><b><a href="#">Is Inflation Hedging a Reason to Save in Gold?</a></b>  <i>By Fergal O'Connor, University of York, U.K.</i></p>	Spring 2017, p. 95
<p><b><a href="#">China: Credit, Collateral, and Commodity Prices</a></b>  <i>By Shaun Roache, Temasek International and Marina Rousset, International Monetary Fund  As summarized by Dr. Keith Black, Managing Director, Curriculum &amp; Exams, CAIA Association</i></p>	Fall 2016, p. 52
<p><b><a href="#">The Distribution of Economic Benefits from Mining</a></b>  <i>By Thomas Brady, Executive Director of the JPMCC at the University of Colorado Denver Business School</i></p>	Spring 2016, p. 22
<p><b><a href="#">Why Do Firms Engage in Selective Hedging? Evidence From the Gold Mining Industry</a></b>  <i>By Tim Adam, Humboldt University of Berlin, Germany; Chitru Fernando, University of Oklahoma; and Jesus Salas, Lehigh University  As summarized by the Contributing Editor, Global Commodities Applied Research Digest</i></p>	Spring 2016, p. 69



Natural Gas	Issue
<p><a href="#"><b>How Fracking Has Contributed to U.S. CO<sub>2</sub> Emission Reductions</b></a> By Ronald L. Miller, Principal, Reliant Energy Solutions LLC</p>	GCARD Newsletter April 2022
<p><a href="#"><b>Is Oil-Indexation Still Relevant for Pricing Natural Gas?</b></a> By Adila Mchich, Director, Research and Product Development, CME Group and Hilary Till, Solich Scholar, J.P. Morgan Center of Commodities, University of Colorado Denver Business School</p>	Winter 2020, p. 105
<p><a href="#"><b>Liquidity Issues in the U.S. Natural Gas Market: Part 2 of 2</b></a> By Gary Mahrenholz Economist, Office of Enforcement's Division of Energy Market Oversight, U.S. Federal Energy Regulatory Commission and Vincent Kaminski, Professor in the Practice of Energy Management, Jesse H. Jones Graduate School of Business, Rice University</p>	Summer 2020, p. 19
<p><a href="#"><b>Liquidity Issues in the U.S. Natural Gas Market: Part 1 of 2</b></a> By Gary Mahrenholz Economist, Office of Enforcement's Division of Energy Market Oversight, U.S. Federal Energy Regulatory Commission and Vincent Kaminski, Professor in the Practice of Energy Management, Jesse H. Jones Graduate School of Business, Rice University</p>	Winter 2019, p. 47
<p><a href="#"><b>Will the U.S. Become the Home of LNG Price Formation?</b></a> By Adila Mchich, Director, Research and Product Development, CME Group</p>	Winter 2019, p. 141
<p><a href="#"><b>Weather Fear Premia Trades: An Update</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Summer 2019, p. 47
<p><a href="#"><b>U.S. Natural Gas Meets the Global LNG Market – A Potential to Reshape the NYMEX Natural Gas Term Structure</b></a> By Shikha Chaturvedi, Executive Director, Head of U.S. Natural Gas Strategy, J.P. Morgan</p>	Summer 2019, p. 64
<p><a href="#"><b>Four Ideas to Consider When Analyzing Long-Term Prospects for Oil and Natural Gas</b></a> By Bluford Putnam, Chief Economist, CME Group</p>	Winter 2018, p. 31
<p><a href="#"><b>The New Geopolitics of Natural Gas</b></a> By Agnia Grigas, Nonresident Senior Fellow, Atlantic Council and Board Member, LITGAS</p>	Winter 2018, p. 103
<p><a href="#"><b>From Grain to Natural Gas: The Historical Circumstances That Led to the Need for Futures Contracts</b></a> By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</p>	Summer 2018, p. 90
<p><a href="#"><b>U.S. Haynesville Shale Gas Production</b></a> By Faouzi Aloulou, Senior Economist, U.S. Energy Information Administration</p>	Winter 2017, p. 134
<p><a href="#"><b>Approaching Tides: Convergence in World Natural Gas Prices</b></a> By Colin Waugh, Partner, SCP Africa Investments</p>	Winter 2017, p. 138
<p><a href="#"><b>LNG Markets in Transition</b></a> By Anne-Sophie Corbeau, Head of Gas Analysis, BP, U.K.</p>	Spring 2017, p. 112
<p><a href="#"><b>From El Niño to La Niña: Implications for Natural Gas, Agricultural Price Volatility, and the Potential for Hurricanes</b></a> By Bluford Putnam, Chief Economist, CME Group</p>	Fall 2016, p. 14
Power Markets	Issue
<p><a href="#"><b>The Impact of the Energy Transition on Wholesale Power Pricing and Market Risk</b></a> By Nazim Osmancik, Energy Risk Management Expert</p>	Summer 2021, p. 111
<p><a href="#"><b>Shaping and Hedging Renewable Power Purchase Agreements</b></a> By Brock Mosovsky, Director of Operations and Analytics, cQuant.io and Lance Titus, Managing Director, Uniper Global Commodities</p>	Winter 2018, p. 42



<b>Power Markets (Continued)</b>	<b>Issue</b>
<p><a href="#"><u>Lifting the Veil on Hidden Risk in Renewable Power Purchase Agreements</u></a> By Brock Mosovsky, Director of Operations and Analytics, cQuant.io and Lance Titus, Managing Director, Uniper Global Commodities</p>	Summer 2018, p. 29
<p><a href="#"><u>Fear and Heat in the Texas Power Markets: A Tail-Risk Example and Perspective</u></a> By Peter O'Neill, Director, Risk Analytics, Archer Daniels Midland Company</p>	Spring 2017, p. 101
<b>Regulatory Analysis</b>	<b>Issue</b>
<p><a href="#"><u>Six Commodities Predictions for 2022</u></a> By Deanna Reitman, Of Counsel, DLA Piper and Michael Mapp, Associate, DLA Piper</p>	GCARD Newsletter March 2022
<p><a href="#"><u>Liquidity Issues in the U.S. Natural Gas Market: Part 2 of 2</u></a> By Gary Mahrenholz Economist, Office of Enforcement's Division of Energy Market Oversight, U.S. Federal Energy Regulatory Commission and Vincent Kaminski, Professor in the Practice of Energy Management, Jesse H. Jones Graduate School of Business, Rice University</p>	Summer 2020, p. 19
<p><a href="#"><u>Liquidity Issues in the U.S. Natural Gas Market: Part 1 of 2</u></a> By Gary Mahrenholz Economist, Office of Enforcement's Division of Energy Market Oversight, U.S. Federal Energy Regulatory Commission and Vincent Kaminski, Professor in the Practice of Energy Management, Jesse H. Jones Graduate School of Business, Rice University</p>	Winter 2019, p. 47
<p><a href="#"><u>Impact of Automated Orders in Futures Markets</u></a> By Elitza Voeva-Kolev, Market Analyst and Rahul Varma, Associate Director of the Market Intelligence Branch, Division of Market Oversight, U.S. Commodity Futures Trading Commission</p>	Winter 2019, p. 164
<p><a href="#"><u>An Analysis of Agricultural Block Trading</u></a> By David Amato, Twan Dixon, Eugene Kunda, Jerry Lavin, Robert Penksa and Rahul Varma of the Market Intelligence Branch, Division of Market Oversight, U.S. Commodity Futures Trading Commission</p>	Summer 2019, p. 84
<b>Renewable Energy</b>	<b>Issue</b>
<p><a href="#"><u>The Impact of Renewable Diesel Policy on Soy Trade Flows</u></a> By Walter Cronin, Oilseeds Processing Advisor</p>	GCARD Newsletter May 2022
<p><a href="#"><u>How Fracking Has Contributed to U.S. CO<sub>2</sub> Emission Reductions</u></a> By Ronald L. Miller, Principal, Reliant Energy Solutions LLC</p>	GCARD Newsletter April 2022
<p><a href="#"><u>Six Commodities Predictions for 2022</u></a> By Deanna Reitman, Of Counsel, DLA Piper and Michael Mapp, Associate, DLA Piper</p>	GCARD Newsletter March 2022
<p><a href="#"><u>The Impact of the Energy Transition on Wholesale Power Pricing and Market Risk</u></a> By Nazim Osmanovic, Energy Risk Management Expert</p>	Summer 2021, p. 111
<p><a href="#"><u>Shaping and Hedging Renewable Power Purchase Agreements</u></a> By Brock Mosovsky, Director of Operations and Analytics, cQuant.io and Lance Titus, Managing Director, Uniper Global Commodities</p>	Winter 2018, p. 42
<p><a href="#"><u>Lifting the Veil on Hidden Risk in Renewable Power Purchase Agreements</u></a> By Brock Mosovsky, Director of Operations and Analytics, cQuant.io and Lance Titus, Managing Director, Uniper Global Commodities</p>	Summer 2018, p. 29
<p><a href="#"><u>The Transition to the Next Generation of Energy Sources</u></a> As summarized by the Contributing Editor, Global Commodities Applied Research Digest</p>	Research Council Report, December 2015 (online only)



Risk Management	Issue
<p><a href="#"><u>Volatility in Dairy Markets: Towards a Dynamic Value at Risk Model for Dairy Commodity Trading</u></a>  <i>By Vincent Almering, Group Treasurer, Interfood Holding B.V., The Netherlands; Herbert Rijken, Full Professor in Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands; and Frans Cleton, Senior Manager, KPMG Advisory, The Netherlands and Program Manager and Instructor, Postgraduate Program, Treasury and Corporate Finance, Vrije Universiteit Amsterdam, The Netherlands</i></p>	<b>Summer 2021, p. 121</b>
<p><a href="#"><u>Evaluating Forecasts for Better Decision-Making in Energy Trading and Risk Management: An Industry Practitioner's View on How to Enhance the Usefulness of Forecasts Including Potential Applications of Machine Learning</u></a>  <i>By Nazim Osmancik, Chief Risk Officer, Energy Marketing &amp; Trading, Centrica Plc, U.K.</i></p>	<b>Winter 2020, p. 71</b>
<p><a href="#"><u>How to (Potentially) Weather the Storm in Risk Premia Strategies in the Commodity Markets</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Winter 2019, p. 117</b>
<p><a href="#"><u>Commodity Risks: Describing the Unobservable</u></a>  <i>By Bluford Putnam, Chief Economist, CME Group</i></p>	<b>Summer 2019, p. 23</b>
<p><a href="#"><u>Weather Fear Premia Trades: An Update</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Summer 2019, p. 47</b>
<p><a href="#"><u>The Amaranth Case Study</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Summer 2018, p. 82</b>
<p><a href="#"><u>Volatility in Crude Oil Markets: Trading and Risk Management</u></a>  <i>By Vito Turitto, Manager, Quantitative Analysis, S&amp;P Global Platts, U.K.</i></p>	<b>Summer 2018, p. 130</b>
<p><a href="#"><u>Could Problems at MF Global Have Been Anticipated?</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Winter 2017, p. 62</b>
<p><a href="#"><u>Commodity Derivatives Risk Management: The Differing Priorities among Commercial and Speculative Enterprises</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Spring 2017, p. 44</b>
<p><a href="#"><u>Emerging Challenges for Commodity Risk Managers from an Industrial Consumer's Standpoint</u></a>  <i>By Sven Streitmayer, Senior Commodity Risk Manager, Robert Bosch GmbH, Germany</i></p>	<b>Spring 2017, p. 81</b>
<p><a href="#"><u>Fear and Heat in the Texas Power Markets: A Tail-Risk Example and Perspective</u></a>  <i>By Peter O'Neill, Director, Risk Analytics, Archer Daniels Midland</i></p>	<b>Spring 2017, p. 101</b>
<p><a href="#"><u>A Brief Primer on Commodity Risk Management</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Fall 2016, p. 32</b>
<p><a href="#"><u>Case Studies From Commodity Derivatives Debacles</u></a>  <i>By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School</i></p>	<b>Spring 2016, p. 59</b>
<p><a href="#"><u>MF Global Five Years On</u></a>  <i>By Richard Heckinger, Member of the Working Group on Financial Markets at the Federal Reserve Bank of Chicago</i></p>	<b>Spring 2016, p. 137</b>



**Weather Risk**

**Issue**

**[Weather Fear Premia Trades: An Update](#)**

*By Hilary Till, Solich Scholar, J.P. Morgan Center for Commodities, University of Colorado Denver Business School*

**Summer 2019, p. 47**

**[From El Niño to La Niña: Implications for Natural Gas, Agricultural Price Volatility, and the Potential for Hurricanes](#)**

*By Bluford Putnam, Chief Economist, CME Group*

**Fall 2016, p. 14**