

Jim Krane

Diana Tamari Sabbagh Fellow for Middle East Energy Studies
James A. Baker III Institute for Public Policy
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CURRENT POSITIONS

- **Diana Tamari Sabbagh Fellow for Energy Studies, and**
- **Co-director, Middle East Energy Roundtable**
Baker Institute for Public Policy, Rice University, Houston
- **Rice University Lecturer in MBA program, Master's in Global Affairs, and**
Master's in Energy Economics, Rice University, Houston

September 2013-present

- Endowed, permanent research fellow within the Baker Institute Center for Energy Studies
- Focus on energy geopolitics, energy governance and policy, climate change, and political economy of energy exporting states within the Middle East and Persian Gulf subregion
- Rice University lecturer in Jones Graduate School of Business (MGMT 611 Geopolitics of Energy); Masters of Energy Economics program (ECON 611 Energy Geopolitics), Masters of Global Affairs program (GLBL 543 Energy Geopolitics)

EDUCATION

- **Doctor of Philosophy** Management Studies (Energy/Political Economy), Energy Policy Research Group, **Judge Business School, University of Cambridge** (Peterhouse) (2014)
- **Master of Philosophy** (first class honors) Technology Policy/Energy Research (2010) Judge Business School/University of Cambridge (Peterhouse)
- **Master of International Affairs** International Security Policy (Economics) (2002) **Columbia University**, New York
- **Bachelor of Arts** International Studies/Political Science (1991) City College of New York

MAJOR PUBLICATIONS

Books:

- ***Energy Kingdoms: Oil and Political Survival in the Persian Gulf***
- Published January 2019 by Columbia University Press
- ***City of Gold: Dubai and the Dream of Capitalism***
- Published September 2009 by St. Martin's Press (hardcover) Picador (paperback-2010)
- ***Dubai: The Story of the World's Fastest City***
- Published September 2009 by Atlantic Books (hardcover and paperback; the UK version of "City of Gold")

Peer-Reviewed papers (See also: <http://bakerinstitute.org/experts/jim-krane/>):

- **Net Zero Saudi Arabia: How Green Can the Oil Kingdom Get?**, chapter in "Carbon Neutrality in the Gulf: Between Well-Intentioned Pledges and the Harsh Reality," eds. Wael A. Samad et. al, 57–82. Cambridge University Press, 2025; <https://doi.org/10.1017/9781009471527.006>
- **Saudi Aramco's Clean Hydrogen Efforts: Between Economic Diversification and Effective Climate Action**, (with Jan Frederik Braun) chapter in "The Clean Hydrogen Economy in Saudi Arabia," eds. Rami Shabaneh, et al., Routledge 2024, <https://doi.org/10.4324/9781003294290>
- **How the Energy Transition is Imposing New Strains on US-Saudi Relations**, *Orbis* Vol. 68, Issue 2 (2024), 294-314; <https://doi.org/10.1016/j.orbis.2024.02.009>

- **Dueling Legacies: Which Sultan Deserves Credit for Oman’s Oil-Driven Development?** *Middle East Journal* 2023, <https://doi.org/10.3751/76.4.11>
- **On the reduced supply chain risks and mining involved in the transition from coal to wind,** (with Robert Idel) *Energy Research and Social Science*, 2022 <https://doi.org/10.1016/j.erss.2022.102532>
- **More transitions less risk: How renewable energy reduces risks from mining, trade and political dependence,** (with Robert Idel) *Energy Research and Social Science*, 2021 <https://doi.org/10.1016/j.erss.2021.102311>
- **Last Man Standing: Saudi Aramco and Global Climate Action,** chapter in “Governance and Domestic Policymaking in Saudi Arabia,” eds. Mark C. Thompson and Neil Quilliam, I.B. Tauris 2022 <https://doi.org/10.5040/9780755644414.ch-10>
- **The geopolitics of FDI: Can weak states deter hegemony using foreign investment?** *Resources Policy*, 2022 <https://doi.org/10.1016/j.resourpol.2021.102440>
- **Shale Renders the ‘Obsolescing Bargain’ Obsolete: Political risk and foreign investment in Argentina’s Vaca Muerta** (with co-authors) *Resources Policy*, 2021 <https://doi.org/10.1016/j.resourpol.2021.102269>
- **Energy security through FDI: The legacy of Early Japanese Investment in the Oil Sectors of the Persian Gulf** *Resources Policy*, 2021 <https://doi.org/10.1016/j.resourpol.2021.102165>
- **Co-editor** (with Kenneth Medlock) of **FDI and the Resource Curse**, a special issue of *Resources Policy* journal (2021), includes authored/co-authored papers
- **Pairing Coal with Solar: The UAE’s Fragmented Electricity Policy,** chapter in “Low-Carbon Energy in the Middle East and North Africa,” eds. Robin Mills and Li-Chen Sim, Palgrave MacMillan, 2021 <https://www.springer.com/us/book/9783030595531>
- **Climate Strategy for Producer Countries: The Case of Saudi Arabia,** chapter in “When Can Oil Economies be Deemed Sustainable,” eds. Giacomo Luciani and Tom Moerenhout, Palgrave MacMillan, 2021 https://link.springer.com/chapter/10.1007%2F978-981-15-5728-6_12
- **Security amid Instability: Oil Markets and Attacks in the Persian Gulf,** *Georgetown Journal of International Affairs*, 2020 <https://doi.org/10.1353/gia.2020.0010>
- **Climate action versus inaction: balancing the costs for Gulf energy exporters,** *British Journal of Middle Eastern Studies*, 2020 <https://doi.org/10.1080/13530194.2020.1714269>
- **Climate Strategy in Saudi Arabia: More Crude, Less Combustion,** Oxford Energy Forum, 2019
- **Does Saudi Arabia Need OPEC?** Arab Gulf States Institute in Washington research paper, 2019
- **Political enablers of energy subsidy reform in Middle Eastern oil exporters,** *Nature Energy*, 2018 [10.1038/s41560-018-0113-4](https://doi.org/10.1038/s41560-018-0113-4)
- **Geopolitical dimensions of US oil security,** *Energy Policy*, 2018 (co-author) <https://doi.org/10.1016/j.enpol.2017.12.050>
- **Beyond 12.5: The implications of an increase in Saudi crude oil production capacity,** *Energy Policy*, 2017 <https://doi.org/10.1016/j.enpol.2017.08.052>
- **Climate Change and Fossil Fuel: An Examination of Risks for the Energy Industry and Producer States,** *MRS Energy & Sustainability*, 2017. <https://doi.org/10.1557/mre.2017.3>
- **The Political Economy of Persian Gulf Energy Subsidy Reform,** chapter in “The Economics and Political Economy of Energy Subsidies,” ed. by Jon Strand; MIT Press, 2016 <http://www.worldcat.org/isbn/9780262034647>
- **Energy and the State in the Middle East,** chapter in “Delivering Energy Law and Policy in the E.U. and the U.S.: A Reader,” eds. Raphael Heffron and Gavin Little. Edinburgh University Press 2016. <https://www.worldcat.org/isbn/9780748696789>
- **Nuclear energy in the Middle East: Chimera or solution?** *Bulletin of the Atomic Scientists*, 2016 co-authored by Amy Myers Jaffe and Jareer Elass <https://doi.org/10.1080/00963402.2016.1124662>
- **A Refined Approach: Saudi Arabia Moves Beyond Crude,** *Energy Policy*, Vol. 82, July 2015, pp. 99-104 <http://dx.doi.org/10.1016/j.enpol.2015.03.008>
- **Stability versus Sustainability: Energy Policy in the Gulf Monarchies,** *The Energy Journal*, Vol. 36, No. 4 (2015) (<http://dx.doi.org/10.5547/01956574.36.4.jkra>)
- **Qatar ‘Rises Above’ its Region: Geopolitics and the Rejection of a GCC Gas Market,** LSE Kuwait Series research paper, 2014 (co-author) (<http://eprints.lse.ac.uk/55336/>)

Other papers and articles:

- **Gas and Geopolitics in the Eastern Mediterranean**, October 2025, *Arab Center Washington DC*; <https://arabcenterdc.org/resource/gas-and-geopolitics-in-the-eastern-mediterranean/>
- **Iraq's Electricity Shortage and the Paradox of Gas Flaring**, Baker Institute research report, June 2025 (with co-authors) <https://www.bakerinstitute.org/research/iraqs-electricity-shortage-and-paradox-gas-flaring>
- **US Policy and Gulf Arab Interests: More Clash, Less Harmony** May 2025, *Arab Center Washington DC*; <https://arabcenterdc.org/resource/us-policy-and-gulf-arab-interests-more-clash-less-harmony/>
- **GCC Energy Diversification Efforts: Policy Paths for Clean Hydrogen, March 2025**, *Anwar Gargash Diplomatic Academy* (Abu Dhabi); [https://www.agda.ac.ae/docs/default-source/2025/publications/adga_krane_h2-insight_draft-mb_13feb-\(1\).pdf](https://www.agda.ac.ae/docs/default-source/2025/publications/adga_krane_h2-insight_draft-mb_13feb-(1).pdf)
- **Distortionary Effects of Kuwait's Cheap Electricity and the Case for a Just Reform**, Baker Institute research paper, 2025 (with Osamah Al-Sayegh and Salem Al-Hajraf) <https://www.bakerinstitute.org/research/distortionary-effects-kuwaits-cheap-electricity-and-case-just-reform>
- **Friction Among Friends: US Diplomatic and Energy Interests in the Persian Gulf** (2025 Baker Institute/CES Energy Insight) https://issuu.com/mh183/docs/energy_and_resilience_policy_briefs_2025/54?fr=sY2YzZTg2MzM0MjQ
- **Trump is Back: What Does it Mean for Oil and US-Gulf Relations?** November 2024, *Arab Center Washington DC*; <https://arabcenterdc.org/resource/trump-is-back-what-does-it-mean-for-oil-and-us-gulf-relations/>
- **Trump's Maximum Pressure 2.0: US Options and Iran's Likely Response**, Baker Institute policy brief, 2024 (with Kristian Coates Ulrichsen and Mohammad Tabaar) <https://www.bakerinstitute.org/research/trumps-maximum-pressure-20-us-options-and-irans-likely-response>
- **Overcoming Risk in Renewable Energy Investments: Insights from Developing Countries**, August 2024, *Anwar Gargash Diplomatic Academy* (Abu Dhabi); <https://rice.app.box.com/s/8hofbvqhl9l8hs29wz4syx64puz2i0w>
- **Shaping the Energy Transition: Gulf-China Collaboration**, Baker Institute issue brief, 2024 (with Kristian Coates Ulrichsen, Ana Martin Gil and other co-authors) <https://www.bakerinstitute.org/research/shaping-energy-transition-gulf-china-collaboration>
- **Blowback From Gaza: Geopolitics of the Houthi Red Sea Campaign**, Baker Institute issue brief, 2024 (with Kristian Coates Ulrichsen, Ana Martin Gil and other co-authors) <https://www.bakerinstitute.org/research/blowback-gaza-geopolitics-houthi-red-sea-campaign>
- **Middle East Outlook: The Energy Transition Roils the Land of Oil**, Baker Institute Energy Insights report, 2024, <https://www.bakerinstitute.org/research/middle-east-outlook-energy-transition-roils-land-oil>
- **Book Review: From Black Gold to Frozen Gas: How Qatar Became an Energy Superpower** (book review) *The Energy Journal*, (2024). <https://doi.org/10.1177/01956574241277323>
- **"Exploring the Options: Arab Oil Exporters and the US Dollar,"** June 2024, *Arab Center Washington DC*; <https://arabcenterdc.org/resource/exploring-the-options-arab-oil-exporters-and-the-us-dollar/>
- **Global Energy: Qatar's LNG Expansion**, Baker Institute conference report, 2024 (with Kristian Coates Ulrichsen, Ana Martin Gil and other co-authors) <https://www.bakerinstitute.org/research/global-energy-qatars-lng-expansion>
- **"Houthi Red Sea Attacks Have Global Economic Repercussions,"** April 2024, *Arab Center Washington DC*; <https://arabcenterdc.org/resource/houthi-red-sea-attacks-have-global-economic-repercussions/>
- **The Economic Statecraft of the Gulf Arab States** (book review) *Bustan: The Middle East Book Review*, (2023) 14 (2): 213–218. <https://doi.org/10.5325/bustan.14.2.0213>

- **Should Abu Dhabi Quit OPEC? Reconsidering the UAE's Membership**, Baker Institute research paper, 2023 (with Kristian Coates Ulrichsen and Mark Finley) <https://www.bakerinstitute.org/research/should-abu-dhabi-quit-opec-reconsidering-uaes-membership>
- **Putin Is Bulldozing Russia's Energy Exports and Pushing the Energy Transition**, Baker Institute research paper, 2023 <https://www.bakerinstitute.org/research/putin-bulldozing-russias-energy-exports-and-pushing-energy-transition>
- **Net Zero Saudi Arabia: How Green Can the Oil Kingdom Get?** University of Cambridge Energy Policy Research Group working paper, 2022; <https://www.eprg.group.cam.ac.uk/eprg-working-paper-2217/>
- **The OPEC+ Phenomenon of Saudi-Russian Cooperation and Implications for US-Saudi Relations**, Baker Institute research paper, 2022 (with Kristian Coates Ulrichsen and Mark Finley) <https://www.bakerinstitute.org/research/opec-phenomenon-saudi-russian-cooperation-and-implications-us-saudi-relations>
- **Reroute, Reduce or Replace? How the Oil Market Might Cope with a Loss of Russian Exports after the Invasion of Ukraine**, Baker Institute research paper, 2022 (with Mark Finley) <https://www.bakerinstitute.org/research/how-oil-market-might-cope-loss-russian-exports>
- **How Much Does Oil Shape US Strategic Interests in the Middle East?** (review of three books) *Middle East Journal*, 2021 <https://muse.jhu.edu/article/790184/pdf>
- **Gulf Energy Set to Win in Climate Action**, *Near East Policy Forum*, 2021 <https://nepf.org.au/index.php/gulf-energy-set-to-win-in-climate-action/>
- **Climate Policy in 2021: An Opportunity for Bipartisan Action**, Baker Institute Policy Brief, 2021 (with Ken Medlock, Mark Finley and Michael Maher) <https://www.bakerinstitute.org/research/climate-policy-2021-opportunity-bipartisan-action>
- **The Bottom of the Barrel: Saudi Aramco and Global Climate Action**, Baker Institute working paper, 2021; <https://www.bakerinstitute.org/research/bottom-barrel-saudi-aramco-and-global-climate-action>
- **Dubai's Coal Push Upends Abu Dhabi's Clean Energy Strategy**, op-ed, MEES, 2020; <https://www.mees.com/2020/8/28/op-ed-documents/dubais-coal-push-upends-abu-dhabis-clean-energy-strategy/a5986ad0-e92d-11ea-82e9-bf5bb5670a2d>
- **How OPEC Shook Off a Historic Crash to Successfully Stabilize Oil Markets**, *World Politics Review*, 2020 (with Mark Finley); <https://www.worldpoliticsreview.com/how-opec-shook-off-a-historic-crash-to-successfully-stabilize-oil-markets/>
- **Price War and Pandemic: The Oil Market Reaction**, Baker Institute research paper, 2020; <https://www.bakerinstitute.org/research/price-war-and-pandemic-oil-market-reaction>
- **Fuel Subsidy Reform Since the Pittsburgh G20: A Lost Decade?**, Baker Institute issue brief, 2020 (with Francisco Monaldi and Walid Matar); <https://www.bakerinstitute.org/research/fossil-fuel-subsidy-reform-pittsburgh-g20-lost-decade>
- **The Geopolitics of FDI: Can Weak States Deter Hegemons Using Foreign Investment?** Baker Institute Working paper, 2020; <https://www.bakerinstitute.org/research/geopolitics-fdi-can-weak-states-deter-hegemons-using-foreign-investment>
- **Shale Renders the 'Obsolescing Bargain' Obsolete: Political Risk and Foreign Investment in Argentina's Vaca Muerta**, Baker Institute Working paper, 2020 (with co-authors) <https://www.bakerinstitute.org/research/shale-renders-the-obsolescing-bargain-obsolete-political-risk-and-foreign-investment-in-argentin-as-v>
- **Too Much of a Good Thing: Subsidy Reforms and Tax Increases Defy Academic Theory on the Rentier Middle East**, Baker Institute research paper, 2020; <https://www.bakerinstitute.org/research/too-much-good-thing-subsidy-reform-and-tax-increases-defy-academic-theory-rentier-middle-east>
- **Energy Governance in Saudi Arabia: An Assessment of the Kingdom's Resources, Policies and Climate Approach**, Baker Institute research paper, 2019; <https://www.bakerinstitute.org/research/energy-governance-saudi-arabia>
- **Can a Peronist Capitalize on Argentina's New Energy Reality?** *Americas Quarterly*, 2019 (co-author) <https://www.americasquarterly.org/article/can-a-peronist-capitalize-on-argentin-as-new-energy-reality/>

- **Climate Strategy for Producer Countries: The Case of Saudi Arabia**, Baker Institute working paper, 2018
- **Climate Risk and the Fossil Fuel Industry: Two Feet High and Rising**, Baker Institute working paper, 2016 (<http://www.bakerinstitute.org/research/climate-risk-fossil-fuel-industry>)
- **Washington Tips the Balance**, *Oil Magazine*, March 2017
- **United States' Energy and Climate Policy under President Trump: Ramifications for Energy Markets and the GCC**, *EDA Insight*, Emirates Diplomatic Academy, 2017. Co-auth. Elsie Hung; <https://www.bakerinstitute.org/research/us-energy-climate-policy-under-trump>
- **Climate Risk and the Fossil Fuel Industry: Two Feet High and Rising**, Baker Institute working paper, 2016 (<http://www.bakerinstitute.org/research/climate-risk-fossil-fuel-industry>)
- **Energy Subsidy Reform in the Persian Gulf: The End of the Big Oil Giveaway**, Baker Institute Issue Brief, 2016. Co-authored with Elsie Hung.
- **The U.S.-Saudi Relationship: Ripe for Improvement**, Baker Institute Issue Brief, 2016.
- **Saudi Arabia's Oil Strategy in a Time of Glut**, *Foreign Affairs*, May 24, 2016. (<https://www.foreignaffairs.com/articles/saudi-arabia/2016-05-24/saudi-arabias-oil-strategy-time-glut>)
- **Guzzling in the Gulf: The Monarchies Face a Threat From Within**, *Foreign Affairs*, Dec. 19, 2014 (<http://www.foreignaffairs.com/articles/142692/jim-krane/guzzling-in-the-gulf>)
- **Flying High: The Improbable Rise of the Gulf Airlines**, *Foreign Affairs*, Sept. 18, 2014 (<http://www.foreignaffairs.com/articles/142000/jim-krane/flying-high>)
- **Re-Energizing NATO Cooperation with the Gulf Region: What Role for Energy?** Energy Security Forum journal, NATO Energy Security Center of Excellence, Sept. 2014 (<http://www.enseccoe.org/en/news/energy-security-forum-huys.html>)
- **Navigating the Perils of Energy Subsidy Reform in Exporting Countries**, *Baker Institute Policy Report*, May 2014 (<http://bakerinstitute.org/files/7486/>)
- **The Arab Spring and National Oil Companies: Hidden Effects and Stalled Reforms**, Baker Institute Research Paper, March 2014 (<http://bakerinstitute.org/files/8437/>)
- **An Expensive Diversion: Abu Dhabi's Renewables Investments in the Context of its Natural Gas Shortage**. Published Feb. 2014 as a Baker Institute for Public Policy Research paper
- **Renewable Energy: Hype and Reality**, *Aspenia International* (journal of the Aspen Institute) 2013
- **Abu Dhabi's Renewable Energy Investments: A Political Economy Perspective**, May 2012, Institute for Energy Economics, Japan
- **The Basis for Abu Dhabi's Quest for Renewable Energy and the Policies Required to Meet its Goals**, Aug. 2010, working paper, Dubai School of Government
- **Energy Conservation Options for GCC Governments** Feb. 2010, policy brief, Dubai School of Government

OTHER CAREER EXPERIENCE

Guest Lecturer on energy and geopolitics

Vienna University Executive Academy, Executive MBA in Energy Management program

Annual lectures since 2018

Part-time Lecturer

Anglia Ruskin University, Cambridge, UK

Spring 2011 and Fall 2012

Writer-in-Residence Fellow

Dubai School of Government (now Mohammed bin Rashid School of Government)
2008-2009

Consultant

Executive Office of Dubai Ruler Sheikh Mohammed bin Rashid al-Maktoum

July 2007 – January 2008

UAE Contributor

Economist Intelligence Unit

March 2007 – June 2009

Gulf Correspondent
The Associated Press, Dubai, UAE
January 2005 – July 2007

Iraq Correspondent
The Associated Press, Baghdad
May 2003 – November 2004

Business Journalist
The Associated Press, New York
May 2001 – May 2003

PREVIOUS WORK HISTORY

General assignment reporter, **The Star-Ledger**, Newark, N.J. (2000)

Special Projects Editor/Investigative reporter, **APBNews.com** (1998-2000)

Senior Producer/Editor, **Advance Internet/Newhouse Newspapers Corp.** - Jersey City, N.J. (1996 to 1998) Managed news operations at:

Reporter, **The News Tribune**, Woodbridge, N.J. (1993-1995)

Reporter, **Laredo Morning Times**, Laredo, Texas (1991-1993)

FELLOWSHIPS and MEMBERSHIPS

- Nonresident Senior Fellow, **Arab Center Washington DC** (2025-ongoing)
<https://arabcenterdc.org/team/jim-krane/>
- Senior Associate Fellow, **Carboun Institute**, London (2026-ongoing)
- Nonresident Research Fellow, Center for Climate Diplomacy, **Anwar Gargash Diplomatic Academy**, Abu Dhabi (2024-present) <https://www.agda.ac.ae/research/ccd/ccd-faculty-staff/member-details/dr.-jim-krane>
- Affiliate, **Energy Policy Research Group**, Cambridge (multi-disciplinary, multi-institution research team funded by UK government and corporate members) (2009-present)
- **International Association for Energy Economics (IAEE)**; **Middle East Studies Association (MESA)**; **Association for Gulf and Arabian Peninsula Studies (AGAPS)**

AWARDS, GRANTS and HONORS

- Co-awarded research grant from **The Cynthia and George Mitchell Foundation** for 2024-25
- Winner, 2019 Book Prize from the **Association for Gulf and Arabian Peninsula Studies** for “Energy Kingdoms” book
- Co-awarded research grant from **Qatar National Research Fund** for 2011-2012
- Dubai book “City of Gold” was the UAE (Magrudy’s/Gulf News) **No. 1 nonfiction bestseller** in May 2011 and No. 4 nonfiction bestseller for 2010. Translated to Chinese and Japanese.
- **Full PhD Scholarship** from Cambridge University Electricity Policy Research Group, underwritten by GDF Suez (now Engie)
- **Academic Merit Scholarship – Energy Research (2010)** University of Cambridge
- **Energy Research and Writer-in-Residence (2008-9) Fellowships** Dubai School of Gov’t
- **Winner, AP Managing Editors Deadline Award (2003)** for Saddam Hussein’s capture coverage
- **Various journalism awards (1991-2000)**
- **Fellowship for Newswriting and Editing (1991)** – Poynter Institute for Media Studies, Florida

OP-ED and COMMENTARY ARTICLES

For a full list see: <http://bakerinstitute.org/experts/jim-krane/>

- “**Saudi Arabia has a Surprisingly Clear Path to Net Zero,**” 2023, *Cipher*;
<https://www.ciphernews.com/articles/saudi-arabia-has-a-surprisingly-clear-path-to-net-zero/>

- **“Israel and Hamas Go to War. The Region’s Gas Boom will Take a Hit,”** 2023, *Barron’s* <https://www.barrons.com/articles/israel-hamas-war-energy-gas-boom-oil-mediterranean-3ac6b224>
- **“Rising oil prices, surging inflation: The Arab embargo 50 years ago weaponized oil to inflict economic trauma,”** 2023, *The Conversation*; <https://theconversation.com/rising-oil-prices-surging-inflation-the-arab-embargo-50-years-ago-weaponized-oil-to-inflict-economic-trauma-214670>
- **“How might Saudi Arabia’s oil confrontation with the Biden Administration play out?”** 2023, *RystadEnergy REview* <https://www.rystadenergy.com/insights/saudi-arabia-oil-confrontation-with-biden-administration>
- **“Iran May Tempt a World Looking for More Oil,”** 2023, *Barron’s* <https://www.barrons.com/articles/iran-oil-russia-opec-output-prices-aac7a797>
- **“Why Fixing Methane Leaks From the Oil and Gas Industry Can be a Climate Game-changer – One That Pays for Itself,”** 2022, *The Conversation*; <https://www.bakerinstitute.org/research/why-fixing-methane-leaks-oil-and-gas-industry-can-be-climate-game-changer-one-pays-itself>
- **“OPEC’s Cut Boosts Russia. Biden is Iced Out,”** 2022, *Barron’s* <https://www.barrons.com/articles/opec-oil-production-cut-biden-saudi-arabia-51665010347>
- **“Oil Leaders by Ibrahim AlMuhanna — pulling Opec’s strings,”** *Financial Times*, Aug. 2022: <https://www.ft.com/content/933d1b62-b8ef-4ad3-bff1-e9f8e78e7bd5>
- **“OPEC is ignoring its mission statement. Has it lost its way?”** 2022, *The Hill* (with Mark Finley) <https://thehill.com/opinion/energy-environment/3487581-opec-is-ignoring-its-mission-statement-has-it-lost-its-way/>
- **“What is the ‘social cost of carbon?’”** 2022, *The Conversation* (with Mark Finley) <https://theconversation.com/what-is-the-social-cost-of-carbon-2-energy-experts-explain-176255>
- **“Late to the climate fight, Houston aims to change the strategy and slow the pace,”** 2022, *The Hill*; <https://thehill.com/opinion/energy-environment/592683-late-to-the-climate-fight-houston-aims-to-change-the-strategy-and/>
- **“Putin’s natural gas blackmail is pushing Europe to renewables,”** 2022, *Houston Chronicle*; <https://www.houstonchronicle.com/opinion/outlook/article/Opinion-Putin-s-natural-gas-blackmail-is-16826647.php>
- **“A net-zero Saudi Arabia? Not so fast,”** 2021, *Al-Monitor* (with Karen Young); <https://www.al-monitor.com/originals/2021/10/net-zero-saudi-arabia-not-so-fast>
- **“Despite what you have heard about rare earths, shifting to renewable energy will reduce mining,”** 2021, *Dallas Morning News* (with Robert Idel) <https://www.dallasnews.com/opinion/commentary/2021/10/24/despite-what-you-have-heard-about-rare-earths-shifting-to-renewable-energy-will-reduce-mining/>
- **“The ‘Carbon Neutral Petro-State:’ An Oxymoron? The UAE Thinks Not,”** 2021 *Forbes*; <https://www.forbes.com/sites/thebakersinstitute/2021/10/11/the-carbon-neutral-petro-state-an-oxymoron-the-uae-thinks-not/>
- **“The Saudi-UAE Bust-Up is a Return to The Persian Gulf Status Quo,”** 2021 *Forbes* (with Kristian Ulrichsen) <https://www.forbes.com/sites/thebakersinstitute/2021/07/16/the-saudi-uae-bust-up-is-a-return-to-the-persian-gulf-status-quo/>
- **“Rolling Back Trump’s Methane Rules Isn’t Enough: We Need A Methane Tax To Buy Time To Decarbonize,”** 2021 *Forbes* (with Mark Agerton and Ben Gilbert); <https://www.forbes.com/sites/thebakersinstitute/2021/07/12/rolling-back-trumps-methane-rules-isnt-enough-we-need-a-methane-tax-to-buy-time-to-decarbonize/>
- **“Let’s Mess With Texas’ Power Market—and Make it Stronger,”** 2021, Baker Blog (with Peter Hartley, Michael Maher and Ken Medlock) <https://www.forbes.com/sites/thebakersinstitute/2021/04/09/lets-mess-with-texas-power-market-and-make-it-stronger/>
- **“Can Saudi Arabia use ‘clean oil’ to buy time in the fight against climate change?”** 2021, *Boston Globe*; <https://www.bostonglobe.com/2021/02/21/opinion/can-saudi-arabia-use-clean-oil-buy-time-fight-against-climate-change/>
- **“Winterization and the Texas Blackout: Fail to Prepare? Prepare to Fail,”** 2021 *Forbes* (with Peter Volkmar and Robert Idel);

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