

# IAEE ENERGY FORUM



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**IAEE**  
International Association for  
**ENERGY ECONOMICS**

## PRESIDENT'S MESSAGE

My last Energy Forum message began by talking about the transition of the coronavirus-19 from pandemic to endemic status. With the mass vaccinations behind us, that seems to be the case. I now know many people from the IAEE family, including myself as of a couple of weeks ago, who have contracted the disease after having been vaccinated usually at least three times. The universal experience in this group is that the disease manifests as somewhere between a severe cold and a mild influenza. Countries and airlines appear to be getting more relaxed about infections and are loosening the many restrictions they had in place. From the perspective of IAEE activities, I hope that this means we can get back to our usual order of business with regard to face to face conferences.



The second issue I mentioned in the last Energy Forum message was the resurgence of energy security as an issue. That surely has continued to be the case. It means that we all have lots to talk about at our conferences! I hope that the need to discuss this issue with other energy professionals serves as a motivator for you all to take advantage of the many opportunities IAEE is making available in the next six months.

We have four major conferences for the remainder of 2022 and one more planned for early February 2023. First is the 2022 International Conference taking place in Tokyo from July 31 through August 3. Our Japanese hosts have planned a very exciting program and we already have a great line-up of speakers and presentations. It looks like the Japanese Government may also be relaxing travel restrictions in time for the conference, so please make your plans to join us there!

The international conference will be followed by the 17th IAEE European Conference to be held in Athens from September 21-24. Once again, we have had a fantastic response from prospective conferees. No doubt the continuing fallout for European energy markets from the Russian invasion of Ukraine will be a hot topic for discussion, as will alternative sources of energy imports into Western Europe and the links between energy supply, energy security and national security issues. Please make your plans to join us there.

The USAEE/IAEE North American conference will follow in October 24-26. It is going to be held at the Omni Hotel in the Galleria precinct of Houston. We have some great student events planned, including a poster competition and a PhD day to be held on the campus of Rice University. The Houston chapter of the USAEE has resumed its face-to-face activities, so we are hopeful of seeing a strong local contingent at the conference. There will be plenty of issues to discuss, including shale oil in West Texas, the continued development of LNG exports out of the Gulf Coast region, the continued growth of wind and now solar generation in Texas,

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**President's Message** (continued)

and ongoing discussions about electricity market structure reforms in the wake of the “big freeze” in Texas in February 2021.

The following month, the 8th ALADEE Conference will be held from November 20-22 in Bogota, Colombia. No doubt there will be discussions about the extent to which South American countries may be able to make up for the shortfall of oil exports from Russia. There is the ongoing story of offshore developments in Brazil, joined now by Guyana. There is also interest in when the Venezuela reserves might again support substantial oil exports, while hydrocarbon developments in Colombia, Ecuador, Peru, Bolivia and Argentina are other perennial topics of conversation. They will be joined this year by discussions of renewable energy and energy minerals developments, including discussions about developing a hydrogen export industry out of Chile.

Last, but by no means least, the 2023 International Conference will be in Riyadh, Saudi Arabia, from February 4-9. Once again, planning for the conference is well underway and it is shaping up to be an event of major importance to IAEE. We hope to see many new members from Africa and South Asia join our strong Middle Eastern and European contingents. Discussions will touch on matters of critical importance for future developments in both the demand and supply sides of the world energy industry.

Please visit <https://www.iaee.org/en/conferences/> for the latest information on all these conferences. You can also find the Call for Papers notices on our web site.

Let me end by discussing the Association Management Company (AMC) transition process. The AMC Vetting Committee will soon be choosing the finalists from our RFP process. These firms will be invited to send representatives to the Tokyo conference where IAEE Council will meet with them in person and select the company we will contract with for services from January 2023. We are extremely grateful to Christophe Bonnery for chairing the AMC Vetting Committee and for all the fantastic help that AMS has provided to us throughout this process.

Peter Hartley

## Careers, Energy Education and Scholarships Online Databases

IAEE is pleased to highlight our online careers database, with special focus on graduate positions. Please visit [http://www.iaee.org/en/students/student\\_careers.asp](http://www.iaee.org/en/students/student_careers.asp) for a listing of employment opportunities.

Employers are invited to use this database, at no cost, to advertise their graduate, senior graduate or seasoned professional positions to the IAEE membership and visitors to the IAEE website seeking employment assistance.

The IAEE is also pleased to highlight the Energy Economics Education database available at <http://www.iaee.org/en/students/eee.aspx>. Members from academia are kindly invited to list, at no cost, graduate, postgraduate and research programs as well as their university and research centers in this online database. For students and interested individuals looking to enhance their knowledge within the field of energy and economics, this is a valuable database to reference.

Further, IAEE has also launched a Scholarship Database, open at no cost to different grants and scholarship providers in Energy Economics and related fields. This is available at <http://www.iaee.org/en/students/ListScholarships.aspx>.

We look forward to your participation in these new initiatives.

## Editor's Notes

We conclude our focus on research on COP26 and Climate Change, continued from the second quarter 2022 issue. We are most grateful for the enthusiastic reader response on this topic.

**Richard Green** and **Iain Staffell** show how Shapley values can disentangle the influence of various overlapping and interlapping policies on national reductions in CO2 emissions.

**Lin Zhang** discusses the challenges and opportunities on Hong Kong's strategies for combating climate change in four sectors including power generation, building, waste management, and finance. We highlight the importance of improving its climate change mitigation capacity through regional collaboration.

**Ganesh Doluweera, Matthew Hansen,** and **Bryce van Sluys** explore alternative scenarios to achieve net-zero emissions in Canada's electricity sector. Those scenarios reveal technological pathways for deep-decarbonized electricity supply under increased demand due to electrification.

**Dina Azhgaliyeva** and **Zhanna Kapsalyamova** use global data from Bloomberg over the period 2017-2021 to provide a review of issuance and policies promoting Green sukuk, a Shari'ah-compliant financial instrument that is designed to fund environmentally friendly projects.

**Livingstone Senyonga** provides a recap of the successful launch of the Uganda Association for Energy Economics. A variety of lectures and discussions highlighted the vision of this new affiliate of the IAEE. Also included is a collage of pictures taken at the event.

**Gautam Swami** asks, "Will finance and technology rise jointly to the emerging challenges and opportunities?"

**John Holding** reviews the history of the global efforts to counteract climate change under the auspices of the UN and how these efforts have evolved and shifted over time. Looking forwards, a reality check regarding fossil fuel use plus the opportunity for carbon dioxide removal techniques will be explored.

**Stefan Gahrens, Beatrice Petrovich, Rolf Wüstenhagen,** and **Alessandra Motz** state that electric vehicles can significantly contribute to decarbonizing transport – but does that really matter to consumers? Based on a survey in Switzerland, one of the fast-growing European EV markets, we find that moving closer to the purchase decision the share of well-informed adopters increases, but their climate optimism decreases

**Scott Linn** and **Zhen Zhu** have written an article on an issue in regulated utility cost of capital. This issue often comes up in utility cost of capital filings at the state levels even though the FERC does not address this directly.

**Masao Tsujimoto** explores environment conservation with development of digital platforms, employing financial performance and environmental impact data from six digital platform providers in the US and Japan.

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### IAEE MISSION STATEMENT

IAEE's mission is to enhance and disseminate knowledge that furthers understanding of energy economics and informs best policies and practices in the utilization of energy sources.

#### We facilitate

- Worldwide information flow and exchange of ideas on energy issues
- High quality research
- Development and education of students and energy professionals

#### We accomplish this through

- Leading edge publications and electronic media
- International and regional conferences
- Networking among energy-concerned professionals

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