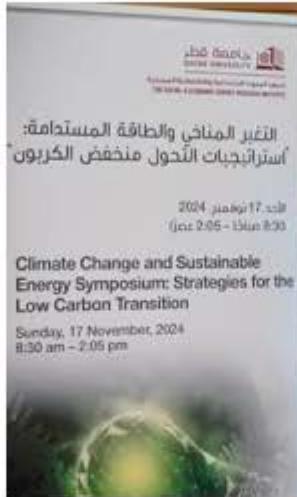


# October & November 2024 Newsletter

## Events

### SESRI Hosts International Seminar on 'Climate Change and Sustainable Energy: Low Carbon Transition Strategies

The Social and Economic Survey Research Institute (SESRI) at Qatar University organized an international seminar titled "Climate Change and Sustainable Energy: Low Carbon Transition Strategies" on November 17, 2024. The seminar aimed to discuss the challenges posed by climate change and innovative solutions for transitioning to sustainable energy, with the participation of global, regional, and local experts, researchers, and policymakers. The seminar started with a welcoming speech by Dr. Ayman Arbad, Vice President for Research and Graduate Studies, who emphasized the importance of the topic in light of global changes. Engineer Abdullah Abduh Mohammed Salih Al-Othani also delivered the opening speech, highlighting the critical role of the Ministry of Municipality in promoting sustainability through environmentally-friendly urban planning and agricultural practices, aligned with Qatar's National Vision 2030.



The seminar included three main sessions: The first session focused on energy efficiency and behavioral insights. The second session, titled "Low Carbon Energy Transition and Renewable Energy Strategies," featured representatives from relevant institutions such as the Ministry of Environment and Climate Change, the Public Electricity and Water Corporation, and the Agricultural Research Station at Qatar University. The third session, "Climate Change and Decarbonization Strategies in the Gulf Cooperation Council Countries," reflected on shared strategies and practical experiences currently being used in energy efficiency and carbon reduction across the GCC.

The seminar concluded with remarks from Dr. Sana Abusin, who highlighted the importance of the event as a platform to exchange ideas on the future of sustainable energy in the context of climate change. She emphasized the need to continue efforts in formulating effective policies to tackle environmental challenges and announced the topic of the upcoming seminar around "Climate Change and the Environment: The Role of Technology in Sustainable Food Security."

## Collaborative Insights on Healthcare Policy: SESRI's Contribution at HMC's Precision Medicine conference

Dr. Hamad Al-Ibrahim, from the Social and Economic Survey Research Institute (SESRI), participated as a keynote speaker in the "Collaborative Insights on Healthcare Policy" conference organized by Hamad Medical Corporation. The conference brought together prominent international experts to discuss the integration of emerging technologies into health policy-making.

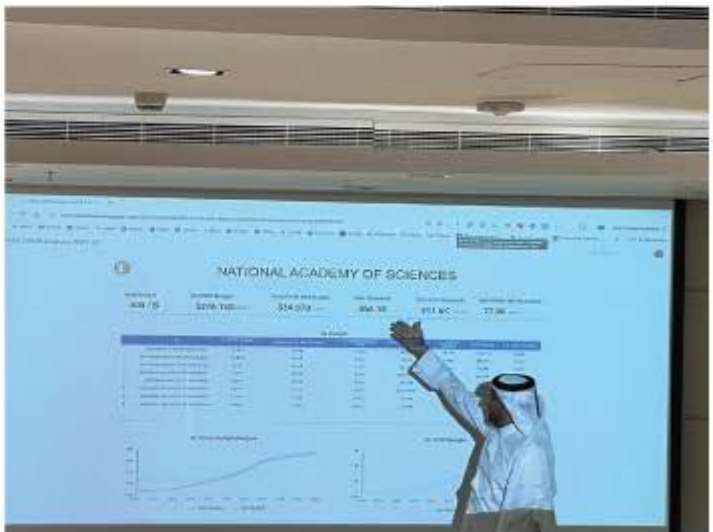
Dr. Hamad Al-Ibrahim highlighted how artificial intelligence can enhance health outcomes and improve policy frameworks, emphasizing its transformative role in modern healthcare. His presentation addressed the efficiency of artificial intelligence and personalized medicine in improving decision-making, optimizing resource allocation, and ensuring equity in healthcare delivery.



Dr. Al-Ibrahim also reaffirmed SESRI's commitment to supporting innovation in health policies in line with the rapid developments in Qatar's healthcare sector. In addition, he emphasized the importance of collaboration with Hamad Medical Corporation to provide research-based insights aimed at improving health policies and achieving sustainable outcomes that benefit the Qatari community.

## Lecture on "Artificial Intelligence in Social Science: Enhancing Data Analysis and Research Communication (Presented to GLS in Qatar University)"

Dr. Hamad Al-Ibrahim led a technically enriching event focusing on the application of AI in social science. He provided an in-depth exploration of advanced text analysis techniques such as topic modeling and sentiment analysis, illustrating their potential to uncover critical patterns in data. The session emphasized AI's ability to improve research communication and enhance the analytical toolkit of social scientists, inspiring attendees to adopt these methodologies in their work.



## Private Tutoring in Qatar: Bridging the Knowledge Gap Education Forum for Private Supplementary Tutoring UNESCO, Paris, 28, 29 October 2024

Dr. Tarek Al-Shal, representing the Social and Economic Survey Research Institute (SESRI), participated in the Private Tutoring Education Forum organized by UNESCO in Paris on October 28–29, 2024.

Dr. Al-Shal led a session on bridging knowledge gaps through private tutoring in Qatar, where he presented findings from the 2022 Qatar Education Study. He also highlighted the role of private tutoring in enhancing curricula and improving student outcomes, emphasizing the importance of private tutoring as a complement to formal education without exacerbating social disparities among students. SESRI's contributions provided valuable insights and recommendations supporting a more inclusive educational approach.

The forum's outcomes will contribute to shaping global educational policies by promoting collaboration among governments, institutions, and private tutoring providers to enhance education quality and accessibility worldwide.

## Lecture on “Artificial Intelligence Applications in Public Policy” (Presented to Doha Institute for Graduate Studies)

Dr. Hamad Al-Ibrahim presented an insightful session highlighting the transformative role of AI in public policy. Through detailed case studies, he demonstrated how AI can enhance political analysis, monitor and analyze extremism on social media, and facilitate policy simulations. The session offered a thought-provoking exploration of how these technologies can be leveraged to improve evidence-based decision-making in policy development.

## Publications

### Published paper: Constraints on Labor Force Participation in Qatar: Understanding the Effects of Marriage, Family, and Traditional Values

Dr. Noora Lari, Manager Policy Department, and her coauthors published a paper titled “Constraints on Female Labor Force Participation in Qatar: Understanding the Effects of Marriage, Family, and Traditional Values” in *Middle East Law and Governance*, a peer-reviewed social science journal published by Brill, and which is indexed in Scopus. The results indicated that there are several challenges and concerns about the impact of women working for marriage, family, childcare and social traditional values. To read the article, kindly visit:

<http://dx.doi.org/10.1163/18763375-20241468>

### Prof. Arokiasamy Highlights Significant Health Issues Through Publications in High-Impact Scientific Journals

Several papers has been published in high-impact scientific journals by Prof. Arokiasamy Perianayagam around the following topics:

1. Global burden of still births across 204 countries.
2. Forecasts of health benefits of smoking prevalence scenarios on years of life lost and life expectancy.
3. Upper respiratory infections (URIs) and its leading cause of acute disease incidence worldwide.
4. Estimates of overall stroke burden and their attributable risks.
5. Future trends in disease burden across 204 countries.
6. The burden of diseases and injuries in 2021 compared with previous years.

These papers were published in cooperation with a number of researchers in several scientific journals, including: *Lancet Public Health*, *Lance*, *Lancet Infect Dis*, and *The Lancet Neurology*.