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| Layla Shiva09123802987Tehran Institute for Advanced Studies, Khatam University No 30, Hakim Azam St, North Shiraz St, Tehran Iran l.shiva@teias.institute | | |
| CURRENT APPOINTMENT | | |
| Assistant professor, Department of Economics, Tehran Institute for Advanced Studies, Khatam University | 2020- | |
| PAST APPOINTMENTS |  | |
| Assistant professor, Department of Economics, Shahid Beheshti University Research fellow, Department of Economics, Tehran Institute for Advanced StudiesQuantitative Research Analyst, Iran Mercantile ExchangeResearch fellow at Environmental Economics Group, Environmental Science Research Center, Shahid Beheshti UniversityData Scientist, PROS Holdings, Inc., Houston, TXResearch assistant, Texas A&M University, College Station, TX | 2019-20202018-20202018-20192015-20172012-2014 | |
| AREAS OF RESEARCH INTERESTEnvironmental Economics, Economics of Climate Change and Water,Price Dynamics and markets interactions, Algorithms of Inductive Causation, Forecasting |  | |
| EDUCATIONPh.D. in Economics, Texas A&M University, College Station, TXThesis title: Economic Analysis of Voluntary Carbon Offset Markets and Bioenergy PoliciesCommittee: Bruce A. McCarl, David A. BesslerM.S. in Economics, Texas A&M UniversityB.S. in Economics, University of Tehran | 201420102006 | |
| GRANTS & PROJECTS |  | |
| UNDP, Green Banking project for Inclusive Growth and Sustainable DevelopmentUSDA, Economic Research services: Modeling Carbon offset market designUSDA, Economic Research services: Analyzed market penetration and cost competitiveness of biofuels production on marginal land | 201720142013 | |
| AWARDS & HONORS | | |
| Texas A&M University Graduate Student Association travel scholarshipTexas A&M University Departmental ScholarshipTop ranked in preliminary exam in Market and Information field among 12 Ph. D. studentsRecognized as a Scientific Elite, Iran National Elites Foundation | | |
| SELECTED PUBLICATIONS and PRESENTATIONS “ The Distributional Impacts of Climate Change on Agricultural Revenues in Iran: Accounting for Spatial Spillovers” with S.M. Malaekeh, A.Safaie. Submitted to Journal of Agricultural Economics, 2023 “Climate Impacts on Agriculture: Do Spatial Spillovers Matter?” with S.M. Malaekeh, A.Safaie. The European Geosciences Union (EGU) Conference, Econometrics session, April 2022“Spatio-temporal Variation of Climate Variables and Extreme Indices over Iran during 1986-2015” with S.M. Malaekeh, A.Safaie. Stochastic Environmental Research and Risk Assessment, 2022“Unintended Consequences of Agricultural Participation in Voluntary Carbon Markets: Their Nature and Avoidance” with M.Wang, BA. McCarl, H.Wei. Complexity 2021“Spatio-temporal Variation of Climate Variables and Extreme Indices over Iran during 1986-2015” with S.M. Malaekeh, A.Safaie. The European Geosciences Union (EGU) Conference, April 2021“An Economic Perspective of Water Resource Management in Iran: Market Based Incentives” with N Mobarghaee. Water Security and Climate Change Conference, Köln, Germany, September 2017“Trading Agricultural Soil Carbon” with BA McCarl, Sung Ju Cho, P Huang, Chi Yu. Encyclopedia of Soil Science, Taylor and Francis Group, New York, 3rd edition, 2016“Economic Analysis of Alternative Agricultural Green House Gas Offset Market Designs” with BA McCarl. Center for Natural Resource Economics & Policy, Louisiana State University, March 2016“Economic Analysis of Growing Switchgrass on Marginal Land”, with BA McCarl, International Energy Workshop, Abu Dhabi”, June 2015“Price Dynamic Causation and Forecasting in Energy and Agricultural Markets” with DA Bessler, Agricultural & Applied Economic Association” conference, Minneapolis, July 2014“Climate Change, Society, and Agriculture: An Economic and Policy Perspective” with J Chen, P Huang, BA McCarl, Encyclopedia of agriculture and food systems, 2nd Edition, Elsevier Inc, 2014 | | |
| TEACHING EXPERIENCE | | |
| Econometrics (Masters Level) fall at Tehran Institute for Advanced StudiesEnvironmental Economics at Shahid Beheshti UniversityMicroeconomics at Shahid Beheshti UniversityGame Theory at Shahid Beheshti UniversityIndustrial Economics at Shahid Beheshti UniversityEnvironmental Economics (PhD Level) at Tehran UniversityNatural Resource Economics at Texas A&M UniversityFundamental of Agricultural Economics Analysis at Texas A&M UniversityIntermediate Microeconomics at Texas A&M University | | 2019, 202020182017, 2018201720172017201220122008, 2009 |
| INVITED TALKS | | |
| Economics of Climate Change, Department of Economics, Shahid Beheshti UniversityEconomics of Climate Change, Environmental Science Research, Shahid Beheshti UniversityPrice Dynamic Discovery: Energy and Agriculture Market, Department of Economics, Tarbiat Modares UniversityForecasting methods in biofuel market and Airlines, Department of Industrial Engineering, Amir Kabir UniversityForecasting methods in biofuel market and Airlines, Department of Economics, Shahid Beheshti UniversityPrice Dynamic Causation and Forecasting in Energy and Agricultural Markets, Department of Economics, Bakers Institutes, Rice University, TX | | 202120182017201620162015 |
| PROFESSIONAL SOCIETY MEMBERSHIPS | | |
| American Economic Association (AEA) Since 2013Agricultural and Applied Economic Association (AAEA) Since 2011 | | |
| IT SKILLS | | |
| FASOM, GAMS, Stata, RATS, R, SAS, Gretel, Eviews, HTML, Visual Basic | | |