

Curriculum Vitae

Maamar Sebri

Associate Professor

University of Sousse, Tunisia

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Education

June 2016

University of Sousse

HDR degree (a French post-doctoral degree allowing its holder to supervise PhD students)

January 2009 – Mars 2014

Faculty of Economics and Management of Sousse

PhD in Economics,

Thesis title: Residential Water Sector in Tunisia: Demand, Affordability and Social Equity

September 2006 – July 2007

Institute of Management of Sousse

Master's Degree in Applied Statistics,

Title of the mastery thesis : Spécification Econométrique de la Courbe environnementale de Kuznets : Cas du Dioxyde Carbone

Thesis: Residential Water Sector in Tunisia: Demand, Affordability and Social Equity

The central objective of this thesis is to study the role of pricing in the residential water demand, affordability and social equity in Tunisia. First, using panel data at the governorate level, this thesis estimates the elasticities of demand for residential water by group of governorates. Second, relying on affordability indexes, concentration curves and inequality measurement indexes, it examines the water affordability and social equity issues related to water consumption in Tunisia. Interesting results and important policy implications were drawn from this thesis.

Teaching experience

Sep 2018 – present

Associate professor

University of Sousse, Tunisia

Shaqra University, Saudi Arabia

Sep 2014 – Aug 2018

Assistant professor

University of Sousse, Faculty of Economics and
Management of Sousse,
Sousse, Tunisia

Sep 2012 – Aug 2014

Assistant Professor

University of Monastir, Faculty of Economics and
Management of Mahdia
Mahdia, Tunisia

Sep 2008 – Aug 2012

Teaching Assistant

University of Sousse, Institute of Management of Sousse
Sousse, Tunisia

Courses

Panel data
Econometrics,
Public programs Evaluation,
Probabilities,
Applied Statistics,
Survey Analysis,
Descriptive Statistics,
Mathematics,
Operations research,
Conception of Information Systems,
Information and Communication Technologies (ICT).

Skills and Activities

<i>Interests:</i>	Environmental and Natural Resources Economics: Water, Energy, and climate change, Panel data and time series applications, Meta-analysis Public programs evaluation
<i>Computer Skills:</i>	Stata, Eviews, R , Statistica, Minitab, StatGraphix
<i>Scientific societies:</i>	Meta-Analysis of Economics Research Network (MAER)
<i>Languages:</i>	Arabic, English, French

Publications – Articles & book chapters

2020. **Role of capital flight as a driver of sovereign bond spreads in Latin American countries.** *International Economics* 162, 15-33 - Elsevier, (with Dachraoui, H., and Smida, M.)
2019. **Natural resources rents and economic growth in the top resource-abundant countries: a PMG estimation.** *Resources Policy*. (in press) - Elsevier, (with Ben Salha, O. and Dachraoui, H.)
2018. **The Energy-Growth Nexus: History, Development, and New Challenges.** In Menegaki, A. (eds). *The Economics and Econometrics of the Energy-Growth Nexus*. Academic Press, Elsevier, USA., (with Hajko, V., Al-Saidi, M., Balsalobre-Lorente, D.)
2017. **Bridging the Maghreb's water gap: from rationalizing the virtual water trade to enhancing the renewable energy desalination.** *Environmental, Development and Sustainability*: doi:10.1007/s10668-016-9820-9 – Springer.
2016. **Forecasting urban water demand: A meta-regression analysis.** *Journal of Environmental Management* 183, 777-785 - Elsevier.
2016. **Exploring the relationship between agricultural electricity consumption and output: New evidence from Turkish regional data.** *Energy Policy* 95, 370-377 - Elsevier (with E. Dogan and B. Turkekul).
2016. **Testing the environmental Kuznets curve hypothesis for water footprint indicator: A cross-sectional study.** *Journal of Environmental Planning and Management* 59(11), 1933-1956 – Taylor & Francis.
2015. **Use renewables to be cleaner: Meta-analysis of the renewable energy consumption-economic growth nexus.** *Renewable and Sustainable Energy Reviews* 42(C): 657–665 - Elsevier.

2015. **Water affordability and social equity in Tunisian governorates: a distributive approach.** Water Policy 17 (1), 26-45 – IWA Publishing.
2014. **A multivariate analysis of the causal flow between renewable energy consumption and GDP in Tunisia.** Economics Bulletin 34(4): 2396-2410 (with O. Ben-Salha).
2014. **On the causal dynamics between economic growth, renewable energy consumption, CO2 emissions and trade openness: Fresh evidence from BRICS countries.** Renewable and Sustainable Energy Reviews 39(C): 14-23 – Elsevier (with O. Ben-Salha).
2014. **A Meta-analysis of Residential water demand studies.** Environmental, Development and Sustainability 16(3): 499-520 – Springer.
2013. **Intergovernorate disparities in residential water demand in Tunisia: a discrete/continuous choice approach.** Journal of Environmental Planning and Management 56(8): 1192-1211 - Taylor & Francis.
2013. **ANN versus SARIMA models in forecasting residential water consumption in Tunisia.** Journal of Water, Sanitation and Hygiene for Development 3(3): 330-340 – IWA Publishing.
2013. **Residential water industry in Tunisia - A descriptive analysis.** Journal of North African Studies 18(2): 305-323 – Taylor & Francis.
2012. **Energy use for economic growth: A trivariate analysis from Tunisian agriculture sector.** Energy Policy 48(C): 711-716 – Elsevier (with M. Abid).
2012. **Energy Consumption-Economic Growth Nexus: Does the Level of Aggregation Matter?** International Journal of Energy Economics and Policy 2(2): 55-62 (with M. Abid).

Working Papers

2014. Use renewables to be cleaner: Meta-analysis of the renewable energy consumption-economic growth nexus. *MPRA Paper 53247, University Library of Munich, Germany.*
2013. A multivariate analysis of the causal flow between renewable energy consumption and GDP in Tunisia. *MPRA Paper 52572, University Library of Munich, Germany.*
2013. On the causal dynamics between economic growth, renewable energy consumption, CO2 emissions and trade openness: Fresh evidence from BRICS countries. *MPRA Paper 52535, University Library of Munich, Germany.*
2011. La Zone Méditerranéenne Face à la Pollution de L'air: Une Investigation Econométrique. *MPRA Paper 32382, University Library of Munich, Germany.*

Conferences and Scholarly Meetings

2017. Invitation as a session moderator to an international workshop « Water-Energy-Food Nexus implementation in the Maghreb », 18-20 December 2017, Rabat, Morocco.
2015. Invitation by the European commission to present a PPT entitled “The Water-Energy Nexus: Enhancing the Role of Virtual Water and Renewable Energy” in the Workshop “Can implementation of the Water-Food-Energy-Ecosystem Nexus support economic growth in the Mediterranean region? 12-13 February 2015, Ankara, Turkey.
2015. Isn't the environmental Kuznets curve in reality 'N'-shaped? A water footprint case study. “*The first International Conference on Economic and Development Policy*”, 23-24 October 2015, Hammamet, Tunisie.
2015. The Water-Energy Nexus: Enhancing the Role of Virtual Water and Renewable Energy. “*Can implementation of the Water-Food-Energy-Ecosystem Nexus support*

economic growth in the Mediterranean region? 12-13 February 2015, Ankara, Turkey.

- 2012. Water affordability and social equity in Tunisian governorates: a distributive approach. *The Second International Conference on Environment and Natural Resources Management in Developing and Transition Economies*. 17-19 October 2012, Clermont Ferrand, France.
- 2012. ANN versus SARIMA Models in Forecasting Residential Water Demand in Tunisia. *Septième colloque international de l'ISG de Sousse : Finance et stratégie de développement*. 01-02 June 2012, Sousse, Tunisia.
- 2012. Energy Consumption-Economic Growth Nexus: Does the Level of Aggregation Matter? *Septième colloque international de l'ISG de Sousse : Finance et stratégie de développement*. 01-02 June 2012, Sousse, Tunisia.
- 2009. La Zone Méditerranéenne Face à la Pollution de l'Air : Une Investigation Econométrique. *Quatrième colloque international de l'ISG de Sousse : Finance et stratégie de développement*. 27-28 Mars 2009, Sousse, Tunisia.
- 2009. Spécification Econométrique de la Courbe Environnementale de Kuznets : Une Analyse Comparative. *Journées du laboratoire BESTMOD*. 23-25 January 2009, Hammamet, Tunisia.

Referee for many international journals including:

1. Journal of Environmental Management (*Elsevier*)
2. Resources Policy (*Elsevier*)
3. Energy Economics (*Elsevier*)
4. Renewable and Sustainable Energy Reviews (*Elsevier*)
5. Ecological Indicators (*Elsevier*)
6. Sustainable Production and Consumption (*Elsevier*)
7. Environment, Development and Sustainability (*Springer*)

8. Journal of Environmental Planning and Management (*Taylor & Francis*)
9. Urban Water Journal (*Taylor & Francis*)
10. Journal of Economic Issues (*Taylor & Francis*)
11. The Journal of North African Studies (*Taylor & Francis*)
12. International Journal of Sustainable Economy (*Inderscience*)
13. Journal of Water Supply: Research and Technology (*IWA Publishing*)
14. PloS One

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