

SANA ABUSIN

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Research Associate at Social and Economic Survey Research Institute

SESRI – Qatar university

Environment and Natural Resource Sustainability (ENRS)

Profile

Senior Policy Analyst/Environmental and Resource Economist in addressing environmental challenges at the international, national, sub-regional and continent-wide levels. Over the years, I have developed an interest in policy-oriented research and analysis in sustainable development generally, focusing on issues of environmental economics-energy, renewal resources, regulatory economics, climate change, food waste management, water security and food security, sustainable agricultural production systems and air and water pollution. I acquired PhD at University of Pretoria, South Africa in the field of Environmental Economics (ENRS).

Experience

Research Associate - SESRI

Nov 2018 – Present

(Senior Policy Analyst) at Social and Economic survey research institute (SESRI) lead the office of sustainable development.

- Scholarly publications
- SESRI publications
- Grant research projects
- Government entities projects
- Conference participation
- university and institute committees
- Organizing events
- Teaching activities

P3M Smart collaborations for Project Management Solutions – Khartoum, Sudan

2017-2018

- Project proposals preparation for investors
- Budget estimations for the project
- Stakeholders engagement in the project
- Training for investors about potential investment projects
- Project evaluation and sustainability

Independent Post Doctorate

2013-2016

- Published three articles from my PhD. Thesis in fisheries economics –theoretical, empirical and review articles.

Research Assistant - University of Pretoria-CEEPA-South Africa

2008-2011

- Help SEEPA coordinator
- Coordinate between PhD students and Director (conference, workshops... ect.)
- Limited research

Ministry of Social Welfare and woman and child affairs - Khartoum, Sudan

2000-2005

- Food security
- Gender, child and woman affairs
- Strategic planning and development
- Information technology

Skills

Key Research: Food Security; Pollution, Institutional Economic, Environment and Resource Economics, E&R Sustainability; Fisheries, Regulatory economic Stakeholders Engagement; Resource Management; Sustainable Development

Languages: Arabic and English

Statistics packages: E-views, GAMS, STATA, SPSS and LIMDEP

Education

PhD, Environmental Economics (2012),

University of Pretoria, South Africa. Faculty of Natural and Agricultural Sciences- Department of Agricultural Economics.

MSc, Agricultural Economics (2005),

University of Khartoum, Sudan

Postgraduate Certificate in Environmental Economics courses (2004),

CEEPA, University of Pretoria, South Africa

English Assessment Certificate (2004),

British Educational institute.

Diploma in Computer Science (2000), Network and Maintenance,

Sudan

BSc (Honours), Agricultural Economics (1998), University of Khartoum, Sudan

Publications

Scholarly publications

1. 2022 Sana et al , Sustainable Qatar book : chapter 13 Contribution of non-profit organizations in food security in Qatar. Forthcoming.
2. Sana Abusin, Noor Al-Emadi and Engi Elmaghraby. "Determinants of fish consumption in the state of Qatar: Post blockade." African Journal of Agricultural Research 16, no. 11 (2020): 1496-1502.
DOI: <https://doi.org/10.5897/AJAR2020.15143>
3. Abusin. S; Washington. B (2020): Towards sustainable food production systems in Qatar: Assessment of the viability of aquaponics. Global Food Security, Vol 25, 2020, Article 100348. <https://doi.org/10.1016/j.gfs.2020.100349>
4. Abusin, S., Lari, N., Khaled, S., & Al Emadi, N. (2020). Effective policies to mitigate food waste in Qatar. African Journal of Agricultural Research, 15(3), 343-350.
<https://doi.org/10.5897/AJAR2019.14381>
5. Sana Abusin (2018): Natural resource modelling: accounting for gillnet size selectivity in dynamic deterrence model. American Journal of Agricultural Research, 2018, 3:16. DOI: 10.28933/ajar-2018-01-0201.
6. Sana Abusin (2015): Approaches and methods used in analyzing compliance with fishery Regulations. African journal of Agricultural Research-Vol 10(10). Pp 1031-1042 March 2015.
7. Abusin. S and Hassan. R (2014): Legitimacy and ethics or deterrence factors which are more important for compliance with regulations among artisanal fishers of Sudan” African Journal of Agricultural and Resource Economics (AFJARE). July 2012 Vol 9 No 3.
8. S. Abusin, R. Hassan and G. Hertzler (2012): Natural resource modelling: Allowing for inconstant probability of detection and frequency measures of violation within dynamic deterrence fishery models, journal of Natural Resources Modeling (NRM) ; vol 25 issue 3 July 2012.
9. Abusin, (2014), Dynamic Deterrence analysis of factors affecting the management of Sudan fishery Economic Research South Africa (ERSA) working paper number 309. Global Advanced Research Journal of Agricultural Science (GARJAS) (ISSN: 2315-5094) Vol. 3(2) pp. 048-056, February 2014

SESRI Publications

1. Using innovative technology in the management of food waste in Qatar. Policy brief 2022
2. Fish consumption attitudes and behavior in the state of Qatar March 2020 “policy brief”. Qatar university research Magazine, issue 15. May 2021.

3. Fish processing quality and safety June 2020 “policy snapshot”.
4. Environmental friendly Ramadan tent July 2019 “policy snapshot”.
5. Community attitude towards charities and donation in the state of Qatar March 2020” policy snapshot”.
6. Fish Processing, Quality, and safety in the state of Qatar- policy report. Raya Magazine.
7. Fish consumption in the state of Qatar: Qatar university magazine issue 15

Research Survey Projects at SESRI 2019-2020

- Fish consumption attitudes and behavior in the state of Qatar 2020
- Fish processing quality and safety 2021
- Community attitude towards charities and donation in the state of Qatar 2021
- Indoor pollution (coming Omnibus 2022)
- Camping environmental and social impacts 2022.
- Academic corruption: misrepresentation of qualifications and credentials at high level certificates (QSAS 17) 2022.

Engagement in Grant Research Projects 2020-2021

- LPI of the submitted proposal on “Innovative Mobile Application for Reducing Food Insecurity and Food Waste in Qatar” High-Potential Projects Program-H3P. Ongoing.
- LPI QNRF and MME second call project “analysis of Food losses within agricultural supply chain in Qatar” not granted
- LPI of the project “Self-sufficiency and climate change adaptation: Viability of Aquaponics in Mesaieed Industrial city in Qatar (submitted). QU External Grants QAFCO RESEARCH AND DEVELOPMENT GRANT. Not granted
- PI of the project “Analysis of Influencing Factors of Marriage Delay and Women’s Labor Force Participation in Qatar “- OSRA4-0324-19012. Closed in November 2020.
- PI of QNRF and MME second call project “Food Systems Approach to Support Efficient and Effective Local Supply Chains in Qatar: Strengthening the Market for Locally Produced Products and Reducing Food Loss and Waste not granted.

International Conference Presentations

Conferences

2022: Presentation of views and opinion: **FAO Arab region meeting -EXPERT CONSULTATION ON FOOD LOSSES AND WASTES- Online.**

2021: **Paper presenter.** First international conference on waste management. Doha 4-6 April. MME organizer “Research development”.

2020: **Paper presenter.** Brown bag seminar Determinants of fish consumption in the state of Qatar: post blockade. - 23-February 2020 –South Africa –University of Pretoria.

2019: **Press conference** organizer and presenter results dissemination of **Ramadan Tent Project for Food Waste Management** 7-July 2019. Qatar University Higher Admin building

2012: **Observer.** African Development Forum: governing and harnessing natural resource for Africa’s development 21-25 October -Addis Ababa-

2012: **paper presenter** Pup: Plant under pressure conference (new knowledge towards solutions) **chairing the section:** meeting the challenges, essential psychological and social concepts for collective responses, 36-29 London excel center.

2011: **Paper presenter.** The Agriculture Economics Association South Africa 49th annually conference, Pretoria

2011: **Paper presenter and discussant of a paper in climate change.** The Annual Bioecon Conference “resource economics, biodiversity conservation and development” 11-13 September-Geneva-Switzerland.

2011: **Two papers presenter** to world conference on natural resource modelling “modelling for a sustainable environment” the World Conference on “Modeling for a Sustainable Environment” Ottawa, Canada

2011: **Paper presenter and discussant of a paper in corruption.** The International Conference: “Economic Development in Africa” 25th anniversary center for study of African economies –St Catherine College, University of Oxford March 20 – 22.

2010: **Paper presenter.** The international conference: Dynamic interlinkages between social and ecosystem changes: towards A Europe Africa partnership –Netherland - November 8-12 - 2010.hotel Golden Tulip.

2010: **Paper presenter** International Conference: Environment and Natural Resources management in Developing and Transition Economies (CERDI, Clermont-Ferrand, France, November 18 – 19.

2021 Conferences attendance and writing reports 2021

1. Doha Forum: Existing in an Existential Crisis: The Asian Response to Climate Change
2. Qatar Fund for Development and Global Green Growth Institute’s virtual event on the sidelines of the 2021 High-level Political Forum:

Under the theme “Building back better to realize the SDGs in LDCs: Accelerating action to achieve inclusive, sustainable, resilient recovery – approaches on the road to the LDC5”

3. Conference on: Impact of climate change on agriculture in southern Asia

Events: organiser and moderator

- 2022 Round table discussion on “innovative mobile application to sustain food security in Qatar” organizer and main speaker.
- 2021-Round table discussion on institutional food waste management-operational plan. Organizer and main speaker”.
- 2020: Round table discussion on Factors affecting delaying marriage and the participation of the female workforce in the State of Qatar “moderator”
- 2019: Round table discussion in policies to mitigate food waste transferred to landfills in the state of Qatar. “Manager and organizer”.

SESRI committees' Membership 2019-2021

- Public Relations Committee
- Integrating research results in community policies
- Academic networking Dialogue committee VP office.
- SESRI-Public health research collaboration public health department

Internship and Other Non-Degree Training

ERSA workshop in bio-economic modeling in natural resource management, Cape Town, 17-20 October 2010. Economic Research South Africa (ERSA)

AERC Workshop on Research Methodology and data analysis/ Kenya –Nairobi-AERC-Africa Economic Research Consortium March 2010

CEEPA Workshop on econometric analysis –An introduction to LIMDEP with discrete choice applications, Pretoria, South Africa, 2008

CEEPA Workshop on Profit Maximization under Risk, Pretoria, 2008

CEEPA Workshop on GAMS for environmental Economics modeling, Dar Es Salam, Tanzania, 2007

CEEPA Training Workshop course on Game Theory, Pretoria, 2007

CEEPA Training Workshop on Welfare Economics, Mauritius, 2006

World Bank Training Workshop on Environmental Economics Management and Policies for 21 days. University of Pretoria –South Africa, 2006.

Qatar University Teaching Activities and Events 2019-2022

2021- December -Qatar University Winter Research Internship Program “instructor”.
Environmental factors impacting population sustainability.

2021-Qatar University Summer Research Internship Program–Indoor pollution in the state of Qatar 2 weeks. “instructor”

2021- SESRI graduate workshop 1 in “paper writing based on survey data” “instructor” in

2021- SESRI graduate workshop 2 in “paper writing based on survey data” “instructor”

2019: assist Dr. Abduljalil Abdulfattah Hassan
Al Sofi in teaching classes in POPL100 an POPL400 courses. University of Qatar: college of arts and science-international affairs. Public policies department.

2019: Quest lecturer: Dr. Hela from Centre for Gulf studies at Qatar University invites me to give a talk in food security challenges in the state of Qatar.

Membership

AERE: Association of environmental and resource economists

ERSA: Economic research South Africa –University of Cape Town

NRMA: Natural Resource Modelling Association

EEL: Environment and Energy leaders

ECO-MENA: Environmental friendly research

UNEP: Doha green digit for food recycling

FAO: Arab Region expert consultation

ASCWA: Academic networking for development and Dialogue committee

AEASA: The Agricultural Economics Association of South Africa