FACULTY FULL NAME: Ayse Burcu Yaman

POSITION: Lecturer

Personal Data

Nationality |Turkish

Date of Birth Jan 01,1987

Department |Environmental Engineering

Official UoD Email |abyaman@iau.edu.sa

Office Phone No. |966551898011

Language Proficiency

Language	Read	Write	Speak
Arabic	Basic	Basic	Basic
English	Excellent	Excellent	Excellent
Turkish	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2019	MSc	Gebze Technical University	Kocaeli TURKEY
2009	BSc	Firat University	Elazig TURKEY

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

MSc	Computing and modelling of greenhouse gasses arising from the collection and transport of municipal solid wastes in Kocaeli
BSc	Determination and evaluation of some vitamin B groups in soils where organic (sewage sludge) and inorganic fertilizers (DAP and Ammonium Nitrate) are applied

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Lecturer	Imam Abdulrahman Bin Faisal University	Dammam	SAUDI ARABIA	2019-

Environmental Engineer	Alka Environmental Laboratories	Kocaeli	TURKEY	2017-2018
Environmental Engineer	Serra Engineering, Consulting and Laboratories	Kocaeli	TURKEY	2016-2016
Environmental Engineer	Istanbul Metropolitan Municipality, Department of Waste Management	Istanbul	TURKEY	2010-2015
Environmental Engineer	AtaCED	Istanbul	TURKEY	2010-2010

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

Scientific Achievements

Published Refereed Scientific Researches
(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
5	H Tombuloglu, C Yaman, I Boudellioua, E Cevik, I Anil, O Aga, AB Yaman,	Metagenome analyses of microbial population in geotextile fabrics used in permeable reactor barriers for toluene biodegradation	3 Biotech 13 (40), 1-11 (2023)
4	AB Yaman, O Sevimoglu	Assessment and modelling of greenhouse gas emissions from waste collection vehicles powered by different fuel types	International Journal of Global Warming 23 (3), 274-295 (2021)
3	C Yaman, S Rehman, T Ahmad, Y Kucukaga, B Pala, N AlRushaid, AB Yaman	Community Structure of Bacteria and Archaea Associated with Geotextile Filters in Anaerobic Bioreactor Landfills	Processes 9 (8), 1377 (2021)
2	C Yaman, I Anil, O Alagha, N Blaisi, AB Yaman, A Qureshi, E Cevik,	Toluene Bioremediation by Using Geotextile-Layered Permeable Reactive Barriers (PRBs)	Processes 9 (906), 1-16 (2021)
1	C. Yaman, I. Anil, M. K. Jaunich, N. I. Blaisi, O.	Investigation and modeling of greenhouse gas	*Waste Management and Research* (2019)

	Alagha, A. B. Yaman, S. T. Gunday	emissions resulting from waste collection and transport activities	

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
4	C Yaman, I Anil, O Aga, AB Yaman, A Qureshi	Bioremediation of toluene by bioaugmentation, biostimulation and natural attenuation	E3S Web of Conferences 280, 11014 (2021)
3	C Yaman, A Yaman	Prediction of greenhouse gas emissions resulting from medical waste collection and transport in the city of Kocaeli	IOP Conference Series: Materials Science and Engineering 991 (012072) (2020)
2	C Yaman, A Yaman	Projection of Greenhouse Gas Emissions from Waste Sector	*IAPE '20, Second Edition of the International Conference on Innovative (2020)*
1	A.B. Yaman, O. Sevimoglu	Computing and modelling of greenhouse gasses arising from the collection and transport of municipal solid wastes in Kocaeli, Turkey	International Eurasian Conference on Science, Engineering and Technology, November 22-23, 2018 Ankara, Turkey

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	C Yaman, I Anil, O Alagha, N Blaisi, AB Yaman, A Qureshi, E Cevik	Laboratory Scale In-Situ Petroleum Hydrocarbon Bioremediation by using Geotextile filter, Bacteria and Nutrients	2021

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Unit Operation and Processes I	ENVEN 411	Lab instructor
	Environmental Chemistry	CHEM 311	Lab instructor
	Air Pollution Control	ENVEN 442	Lab instructor
	Environmental Microbiology	ENVEN 322	Lab instructor
	Unit Operation and Processes II	ENVEN 432	Lab instructor
	Water supply	ENVEN 342	Lab instructor

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

Administrative Responsibilities, Committee and Community Service **(Beginning with the most recent)**

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization
2	**2019**		Member of the e-learning committee	Imam Abdulrahman Bin Faisal University
1	**2019**		Member of the alumni committee	Imam Abdulrahman Bin Faisal University

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Book chapter: Bio-Based Technology for Environmental Management. Innovative Bio Based Technologies for Environmental Remediation. CRC Press. 2022

Last Update

29/1/2023