

## CURRICULUM VITAE

### Personal Data:

**Name :** Eman Taha Mohammad Al-Absi

**Address:** Department of Coastal Environment, The University of Jordan, Aqaba Branch, Jordan

**E- mail:**

e.alabsi@ju.edu.jo

**Google Scholar:**

<https://scholar.google.com/citations?user=sgPv7KgAAAAJ&hl=en&oi=ao>

**Research Gate:**

[https://www.researchgate.net/profile/Eman\\_Al-Absi](https://www.researchgate.net/profile/Eman_Al-Absi)



### Scientific Qualifications:

**1. M.Sc. in Applied Physics (Radiation Physics)**

Hashemite University – Zarqa/Jordan

Thesis Title: Intake of  $^{238}\text{U}$ ,  $^{232}\text{Th}$ , and  $^{40}\text{K}$  due to Vegetable Consumption, Jordan

**3. B.Sc. in Applied Physics (Radiology & Nuclear Techniques)**

Jordan University of Science & Technology (JUST) – Irbid/Jordan

### Professional Experiences:

- 2016 till now: Teacher (rank: B) at the University of Jordan / Aqaba (Faculty of basic and marine sciences - Department of Coastal Environment).
- 2012 - 2016: Full time lecturer at the University of Jordan / Aqaba branch, Faculty of marine sciences - Department of Coastal Environment.

### Teaching Experiences:

Remedial Physics 99, General Physics 1, General Physics Lab 1, Environmental Science, Environmental Culture, Special Topics/Medical Physics, Ethics and University life.

### Publications:

1. **Al-Absi E, Al-Abdullah T, Shehadeh H, Al-Jundi J (2015).  $^{226}\text{Ra}$ ,  $^{228}\text{Ra}$ , and  $^{40}\text{K}$  activity concentration in some vegetables consumed in Jordan, and resultant annual ingestion effective dose. *Radiation Protection and Environment*, Vol. 38, No. 1: 29-34. doi: 10.4103/0972-0464.162819**
2. **Al-Absi E, Manasrah R, Wahsha M, Al-Makahleh M (2016). Radionuclides levels in marine sediment and seagrass in the northern Gulf of Aqaba, Red Sea. *Fresenius Environmental Bulletin*, Vol. 25, No. 9: 3461-3474**
3. **Wahsha M, Al-Absi E, Manasrah R, Al-Zyoud W, Bini C (2016). The impact of uranium near a phosphate mining port on the environment in the northern Gulf of Aqaba, Red Sea. *International Journal of Environmental Quality*, Vol. 22, 25-32. doi: 10.6092/issn.2281-4485/6600**
4. **Wahsha M, Al-Absi E, Bini C, Bani Yassen A, Al-Zyoud W, Al-Jawasreh R (2016). Effects of toxic elements on leaf morphology of *halophila stipulacea* growinmine dump sediments in southeast jordan. *International Journal of Environmental Quality*, Vol. 21, 33-40. doi: 10.6092/issn.2281-4485/6602**
5. **Al-Absi E, Abukashabeh A, Manasrah R, Al-Momani R, Okoor S, Wahsha M (2018). Determination of selected element concentrations in drinking water from Aqaba city, Jordan. *Fresenius Environmental Bulletin*, Vol. 27, No. 11: 7199-7208**

6. **Eman Al-Absi**, Sajedah Alameer, Riyad Manasrah (2019). **Critical remarks on radioactivity analysis in drinking waters: high doses and increased lifetime risks from Aqaba tap water, Jordan.** *Desalination and Water Treatment*, Vol. 146, 107-119. doi: 10.5004/dwt.2019.23604
7. **Eman Al-Absi**, Riyad Manasrah, Ahmad Abukashabeh, Mohammad Wahsha (2019). **Assessment of heavy metal pollutants at various sites along the Jordanian coastline of the Gulf of Aqaba, Red Sea.** *International Journal of Environmental Analytical Chemistry*, Vol. 99 (8), 726-740. doi: 10.1080/03067319.2019.1609459
8. Riyad Manasrah, Lojen Alsaad, Khalid Trabeen, Mohammad Rasheed, **Eman Al-Absi**, L. Kellie Dixon, Ali Al-Sawalmih (2020). **Physical and chemical properties of seawater during 2013–2015 in the 400 m water column in the northern Gulf of Aqaba, Red Sea.** *Environ Monit Assess*, 192:188. doi: 10.1007/s10661-020-8134-4
9. Sajedah Al-Ameer, Khalifeh AbuSaleem, Ahmad Abukashabeh, Osama Twaiq, **Eman Al-Absi** (2020). **Is raw spring water safe for drinking? A case study for spring water quality in Jordan.** *Fresenius Environmental Bulletin*, Vol. 29, No. 12: 10602-10610

### Conferences:

1. The 3<sup>rd</sup> international symposium on nuclear energy (ISNE-10), 15-17 Dec, 2010, Royal- Amman.
2. The first Aqaba International Conference on Marine & Coastal environment (AIC) at InterContinental Aqaba, 27-29 Oct, 2014. poster title:  
**Al-Absi E., Manasrah R., Wahsha M. (2014) Radionuclides in marine sediment and seagrass from the Gulf of Aqaba, Jordan.** Aqaba International Conference on Marine and Coastal Environment "Status and Challenges in the Arab World". Volume 1 Pages 93 Publisher: The University of Jordan, Aqaba Branch.
3. Mohammad Wahsha, Raid Jawasreh, **Eman Al-Absi**, Riyad Manasrah, Claudio Bini. (2016) **Environmental impact of uranium on marine sediment near a phosphate mining port in the northern gulf of Aqaba, Jordan.** Conference: PTEs Contamination in Water-Soil-Plant Systems: Remediation Processes: Imola, Italy
4. Attended the Jordan Nano-Symposium 2021, 16-18 Mar, 2021, prepared by nanotechnology center, The University of Jordan-Amman (Online by zoom).

### Peer Review:

1. Review of one manuscript at the *International Journal of Environmental Analytical Chemistry*, ISSN: 0306-7319 - published by Taylor & Francis on 27 Oct 2019.
2. Review of one manuscript at the *International Journal of Environmental Analytical Chemistry*, ISSN: 0306-7319 - published by Taylor & Francis on 29 Dec 2019.
3. Review of one manuscript at the *International Journal of Environmental Analytical Chemistry*, ISSN: 0306-7319 - published by Taylor & Francis on 7 Jan 2020.
4. Review of one manuscript at the *International Journal of Environmental Analytical Chemistry*, ISSN: 0306-7319 - published by Taylor & Francis on 16 Jan 2020.

### Training Courses and Workshops:

1. Staff development workshops at the University of Jordan/ Amman (center for educational development) in the period from 25 Aug to 4 Sep, 2013
2. The first National Seminar On Integrated Sustainable Coastal Development, Radisson Blu/ Tala Bay-Aqaba Resort, 10 Feb, 2014

3. The first workshop for managing the environmental sustainability of ports for a durable development, Kempinski Hotel- Aqaba, 26 Mar, 2013
4. A training course "Regional Training Course on Trace Elements Analysis in Marine Samples" organized by International Atomic Energy Agency (IAEA) at Jordan Atomic Energy Commission (JAEC) in Amman 2-6, Nov, 2014
5. A training program for using smart board in classrooms at the University of Jordan /Aqaba branch on Sunday 8 Feb, 2015 (3 hours)
6. The national seminar on the EU-ENPI-CBC project RAOP-MED, " Risk Assessment Analysis On Offshore Platforms In South East Mediterranean", Mövenpick Resort & Residences-Aqaba, 11 Mar, 2015
7. Security and Confidentiality of Information and Data Workshop, at the University of Jordan/ Amman (Accreditation and Quality Assurance Center) at Atheer Center/ Faculty of Educational Sciences, on 18 Feb, 2016 (4 hours).
8. Workshop on the Integrated Coastal Zone Management (ICZM), prepared by the Royal Marine Conservation Society of Jordan (JREDS) as a continuation to a series of workshops, funded by the USAID FHI360, 28-29 Feb (Ayass Hotel-Amman), and 31 Mar (Aqaba), 2016.
9. E-learning workshop at the University of Jordan/ Aqaba branch, on 9 Mar, 2016 (one week).
10. E-learning workshop at the University of Jordan/ Amman (Accreditation and Quality Assurance Center/ The University of Jordan), on 10 May, 2016 (4 hours).
11. SPSS workshop for academic staff at the University of Jordan/ Amman (Accreditation and Quality Assurance Center/ The University of Jordan) 23-26 May, 2016 (10 hours).
12. Advanced SPSS workshop for academic staff at the University of Jordan/ Amman (Accreditation and Quality Assurance Center/ The University of Jordan) 29-30 May, 2016 (10 hours).
13. Workshop about dangerous marine fishes at Aqaba marine park (prepared by Marine Science Station/ Aqaba) on 2 Feb, 2017
14. Workshop for discussing a draft for seawater quality (physical and chemical properties) at artificial lagoons, Grand Swiss-Belresort/ Tala Bay-Aqaba on 14 Dec, 2017
15. A talk entitled "Solid Waste and Recycling" was given at the meeting room-Faculty of Management and Finance, Aqaba on 15 Apr, 2018
16. Attending a workshop (How to write a competitive proposal) "Deep Diving into Erasmus+ Capacity Building in the Field of Higher Education Proposal Writing" on (21 and 22/11/2018) at JU-Aqaba branch.
17. Organizing an awareness seminar about recycling of solid wastes at homes on Tuesday 19 Dec, 2018 at JU-Aqaba branch.
18. Workshop about recycling of waste at home includes manufacturing different types of soap by different methods, preparing compost, renewal of an old table lamp and re-use of some plastic waste at home which was presented by environmental culture students at the school's scientific day (2018/2019) on 21/4/2019.
19. Talk by Springer Nature "Inside Nature & Sister Titles - Invitation to Nature Publishing" at Perpustakaan Sultanah Zanariah (PSZ), Johor Bahru- UTM library, Universiti Teknologi Malaysia (UTM) on 23 Sep, 2019.
20. Workshop "Knowing your Ph.D Journey" at Al-Dinawari Seminar Hall, Faculty of science, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 29 Oct 2019 (2:00-4:30 pm).
21. Workshop "Sharing session-Preparing for your proposal defense" at tutorial room 4 - school of electrical engineering, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 3 Nov 2019 (2:30 - 5:00 pm).
22. Workshop "How to publish high impact publication" at the Seminar Hall, School of computing, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 13 Nov 2019 (9:00 am - 12:00 pm).
23. Workshop "SPSS for data analysis" at meeting room 3, School of graduate studies, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 4 Dec 2019 (8:00 am - 5:00 pm).

24. Workshop "Mendeley: Tips and Tricks" at computer lab, School of chemical and energy engineering, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 22 Dec 2019 (9:00 am - 12:00 pm).
25. Workshop "Writing Discussion and Conclusion" Postgraduate online structured course, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 5 May 2020 (9:00 am - 11:00 am).
26. Bibliometric analysis workshop using scopus database, online (Zoom) by the international student society/Iraq, Universiti Teknologi Malaysia (UTM) - Johor Bahru on 17 June 2020.
27. Turnitin workshop, online course (Cisco webex), Universiti Teknologi Malaysia (UTM), UTM library- Johor Bahru on 5 Aug 2020 (9:00 am - 10:30 am).
28. Training about the use of LMSsystem organized by computer center at JU-Aqaba at the beginning of the first semester of the academic semester 2020/2021 in September, 2020.
29. Elsevier South East Asia Publishing Workshop: An Introduction to Scholarly Publishing (Publication and Manuscript Preparation with a Chemistry Editor and Publisher), at South East Asia online (Zoom), on Tuesday 27 October, 2020
30. Training about the use of LMSsystem for exams on Wednesday 11 November, 2020 (7:00-8:00 pm) on Microsoft teams (The University of Jordan-Amman).
31. Springer Nature, Step-by-step Guide on How to Prepare a Successful Paper - Jordan, on line by The University of Jordan-Amman "library", Wednesday 18 November, 2020 (12:00 - 1:30 pm).
32. Workshop for preparing the executive plan for academic schools / Aqaba Branch organized by the accreditation and quality assurance center, the University of Jordan-Amman, online (microsoft teams) on Tuesday 8 December, 2020 (12:00 - 2:00 pm).
33. Workshop "strategies for writing literature review" prepared by Iraqi international student society at UTM on 20 March, 2021 (10.00-11:00 PM) Kuala Lumpur time.
34. The national quality assurance certification workshop which was introduced by the center for accreditation and quality assurance online using Microsoft Teams platform on 12/14/2020 from 10:00 to 12:00 pm.
35. Meeting of the executive action plan for teaching courses by online or blended learning on Wednesday 3/31/2021 from 11:30-12:30 pm through Microsoft Teams platform.

### **Fields of Interest:**

Environmental radioactivity, Water quality, Heavy and trace metals in marine environment (Sediment, seawater and biota), Material physics.

### **Books and Manuals:**

The manual of General Physics lab-1, prepared at the beginning of the academic year 2012/2013.

### **Languages:**

1. Arabic (tongue language)
2. English (studyiny language), ILETS, Overall Band (6.0) at 5/1/2019

### **Administrative Jobs:**

1. Accreditation and quality assurance and website officer for School of basic and marine sciences from 11/10/2020 till now
2. Secretary and member of the council of the school of nursing during the academic year 2020/2021.
3. Website liaison officer for the Faculty of Marine Sciences from 9/5/2016 till 14/9/2019.
4. Preparing math study plan in Arabic and English for introducing a new bachelor program.
5. Member of the student union elections committee from 2012/2013 till 2018/2019 except one academic year (6 times).

6. Member of the committee for preparing the scientific day at the end of the academic year 2018/2019.
7. Course coordinator for environmental science and environmental culture from 2013 till 2019.