

CURRICULUM VITAE

Full Name Dr. Ahmed Qwasmeh
Place of Birth Irbid – Jordan
Nationality Jordanian and german



Address Islam abad Str.
Irbid, Jordan
E-Mail: qwasmeh@hotmail.com

Education and Qualifications

2004 – 2008 Ph.D. in Environmental Physics funded by the DAAD (cum laude = good)

1999 – 2002 M.Sc. in Physics – Average 90.6% (excellent)

1995 – 1999 B.Sc. in Physics – Average 80.8% (very good)

1995 General Secondary Education-Scientific Stream – Average 89.2%

Employment History

2014 – 2016 Head of Physics department, Al-Hussein Bin Talal University

2012 – 2018 Assistant Professor, Al-Hussein Bin Talal University

2008 – 2011 Postdoc., Institute of Environmental Physics, Bremen University

2004 – 2008 Laboratory Tutor, Practical Environmental Measurement Techniques, Institute of Environmental Physics- Bremen University-Germany

2002 – 2003 Teacher – Physics, Science and Mathematics, Al Hekma International School, Bahrain.

1999 – 2002 Teacher: Physics, Science and Mathematics, Irbid-Jordan

1999 – 2002 Teacher – Physics and Mathematics, Omar bin Alkhatib Cultural Center, Irbid, Jordan.

2000 – 2001 Laboratory Tutor – Mechanics lab and Electricity and Magnetism lab, Yarmouk University, Irbid–Jordan

Languages

Arabic: Mother language
English: Very good
German: Very good

Computer Skills

Microsoft Windows Vista, XP, 98, 95 and 3.11
LINUX (UNIX for PCs) Red Hat 7 (EX- User)
MS-DOS
Microsoft Word 2003
Microsoft Excel 2003
GraphPad Prism 5
Matlab 7.1
Latex - under Linux (Ex-User)
Mathematica - under Linux (Ex-User)
Genie-2000 V2.1

Publications:

1. Two-point resistance on hypercubic lattices with second nearest neighbor resistors, M. Q. Owaidat, Monther Als Boul, Ahmed. A. Qwasmeh, Almaasfeh Sultan Abdelmajid, Advances in Physics Theories and Applications, ISSN 2224-719X (Paper) ISSN 2225-0638 (Online), Vol.74, 2018.
2. Spanning Trees on Decorated Centered Cubic Lattices, MQ Owaidat, AA Qwasmeh, A Al e'damat, Applied Mathematical Sciences 9 (25), 1235-1244.
3. Qwasmeh A., Fischer H.W., Analysis of the vertical migration of ^{137}Cs in Jordanian soils using the Diffusion Convection Model, IAEA International Conference on Environmental Radioactivity, Vienna, April 2007.
4. Ajayi I.R., Fischer H.W., Burak A., Qwasmeh A., Tabot B., Concentration and vertical Distribution of ^{137}Cs in the Undisturbed Soil of Southwestern Nigeria, Health Physics 92, 73-77, 2007.
5. Qwasmeh A., Fischer H.W., Origin and Migration of ^{137}Cs in Jordanian Soils, IRPA 2nd European Conference, Paris, May 2006.
6. Qwasmeh A., Fischer H.W., Chernobyl Impact on the Middle East, Spring-Meeting of the German Physical Society (DPG), Heidelberg, March 2006.
7. Qwasmeh A., Fischer H.W., ^{137}Cs and ^{90}Sr Concentrations in Jordanian Soils and Plants, Pre-Conference Workshop: Advanced Techniques and Radionuclide Speciation within Radioecology, Monaco (France), 30.09.2005 – 01.10.2005.

Projects, conferences and Workshops:

- Project for the department of Earth Sciences, Hydrogeology and Environmental Geochemistry, Freie Universitaet Berlin-Germany; “A method of sediment chronology with nuclear spectroscopy of Pb-210, my duty was to measure and analyze six cores (120 samples), 2006.
- Conference: “Second European IRPA Congress on Radiation Protection”, Paris-France, 15-19.05.2006.
- Conference: “Spring-Meeting of the German Physical Society (DPG)”, Heidelberg-Germany, 13-16.03.2006.
- Conference: “Second International Conference on Radioactivity in the Environment”, Nice-France, 02-06.10.2005.
- Workshop of “Advanced techniques and radionuclide speciation within radioecology”, Monaco-France, 30.09-01.10.2005.
- Project for Geosciences department of in Bremen University-Germany; “A method of sediment chronology with nuclear spectroscopy of Pb-210”, my duty was to measure and analyze two cores (48 samples), 2005.
- Workshop for radiation protection “Arbeitskreis Strahlenschutz (K4) der Deutsche Gesellschaft für Medizinische Physik (DGMP)”, 8th meeting, Bremen-Germany, 21.04.2006.
- Workshop for radiation protection “Arbeitskreis Strahlenschutz (K4) der Deutsche Gesellschaft für Medizinische Physik (DGMP)”, 5th meeting, Bremen-Germany, 22.04.2005.
- Workshop “Regionales treffen der Medizinphysiker”, “in English: Regional meeting of the medical physicists”, Oldenburg University, 04.02.2005.
- Workshop for radiation protection “Arbeitskreis Strahlenschutz (K4) der Deutsche Gesellschaft für Medizinische Physik (DGMP)”, 4th meeting, Bremen-Germany, 19.11.2004.
- Workshop in “Akademie Rot an der Rot”, with a work-paper “Biological Effects of Radiation”, 08-21.08.2004.

References:

- Dr. Helmut Fischer, LMSt, Institut für Umweltphysik an der Universität Bremen, Bremen, Deutschland, E-mail: hfischer@physik.uni-bremen.de, Tel: +49421218-3266.
- Prof. Dr. Justus Notholt, Institut für Umweltphysik an der Universität Bremen, Bremen, Deutschland, E-mail: notholt@uni-bremen.de, Tel: +49421218-8982.
- Prof. Dr. Nabil Laham, Fachbereich Physik, Yarmouk Universität, Irbid, Jordanien, E-mail: E-mail: nabil@yu.edu.jo, Tel: +96227271100.
- Prof. Dr. Sami H. Mahmood, Fachbereich Physik, Yarmouk Universität, Irbid, Jordanien, Irbid, Jordanien, E-mail: mahmoods@yu.edu.jo, Tel: +96227271100.
- Dr. Ahmed Al-Khateeb, Fachbereich Physik, Yarmouk Universität, Irbid, Jordanien, Irbid, Jordanien,, E-mail: helga@yu.edu.jo, Tel: +96227271100.