

CV Kinan Ibrahim

PERSONAL INFORMATION

Name: Kinan Ibrahim
Date of Birth: 23-04-1978
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Syrian Arab Republic
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PROFILE AND PERSONAL STATEMENT

I am a motivated, ambitious and well-organised person, determined to continue my career development in academia and research. The journey started with a degree in civil and environmental engineering and unfolded over the years until I got my doctorate.

I do not shy away from hard work. For the PhD project, I carried out an extensive site investigation looking into the recent and historical industrial solid waste, resulted from the salt-mining-based chemical industry in Northwich, England. Ordnance Survey geological maps and aerial photographs dating back to the 1850s were employed in that investigation. Hundreds of solid and aqueous samples were collected from the industrial waste tips, local ponds and watercourses in the area for laboratory analysis. The rich experience expanded my knowledge of contaminated land, waste-ecosystem interactions and environmental implications. The study presented geo-science, practical and analytical, techniques as effective tools for the characterisation of industrial solid waste. These add to the tools available to practitioners involved in the management of waste deposits and contaminated land, which eventually results in producing more accurate risk assessments and in better prediction of long-term environmental impacts. That opportunity was an excellent platform for me to develop my ideas and skills throughout massive site investigations whilst learning about current and past issues in the field of geo-environmental science and civil engineering. There are opportunities to work on a range of other projects including engineering, geo-environmental, risk assessments, contaminated land assessment and site investigations including phase 1 ESA & phase 2 ESA.

EDUCATION

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| 2016 | PhD in Environmental Sciences and Engineering, The University of Manchester, Manchester, United Kingdom |
| 2006 | MSc in Civil and Environmental Engineering, Tishreen University, Syrian Arab Republic |
| 2003 | PG Diploma in Civil and Environmental Engineering, Tishreen University, Syrian Arab Republic |
| 2002 | BSc in Civil and Environmental Engineering, Tishreen University, Syrian Arab Republic |

PROFESSIONAL EXPERIENCE

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| 2019 - Present | Lecturer and researcher at the Higher Institute for Environmental Research, Tishreen University, Syria. Lecturer at Al-Andalus University, Faculty of Medical Engineering, Syria. |
| 2017 | Visiting academic at the Faculty of Science and Engineering, The University of Manchester, United Kingdom. |
| 2016 | Research associate at the Faculty of Science and Engineering, The University of Manchester, United Kingdom. |
| 2010 - 2015 | Teaching assistant at the Faculty of Physical Sciences and Engineering, The University of Manchester, United Kingdom This also included field courses and co-supervision for both undergraduate and master's students. |
| 2009 - 2010 | MLP Manchester Leadership Programme Award for researchers |
| 2005 - 2006 | Teaching assistant, Higher Institute for Environmental Research, Tishreen University. |
| 2003 - 2004 | Civil and environmental engineer, Higher Institute for Environmental Research, Tishreen University. |

PUBLICATION, CONFERENCES, AND SCIENTIFIC TRAINING COURSES

- Attending a workshop entitled "Challenges and Innovations in Nanotechnology", Higher Institute for Applied Sciences and Technology and Arab School for Science and Technology, 18 - 19 November 2019, Damascus.
- Ibrahim, K. 2014. Analysis of ash clinker waste from historical tipping site, 13th BGA Young Geotechnical Engineers' Symposium (YGES), Institution of Civil Engineers (ICE) & The University of Manchester, Manchester, June 29- July 2.
- Ibrahim, K., Hughes, C., Martin, A. 2014. Characterisation of an alkali industry legacy waste. The 29th International Conference on Solid Waste Technology and Management. Philadelphia, PA, USA. March 30- April 2.
- Co-organiser of the Postgraduate Research Conference PGR 2013. School of Earth, Atmospheric and Environmental Science, The University of Manchester, Manchester, United Kingdom.
- Ibrahim, K., Hughes, C., Martin, A. 2010. The Environmental and Land Use History of an Area Damaged by the Salt-Based Industries in Cheshire, The 79th Anglo-American Conference 2010: Environments. University of London, London, England, 1-2 July.
- Ibrahim, K., Hughes, C., Martin, A. 2010. Evolution of Industrial Solid Waste on a site in Central Cheshire, England. The 3rd Kuwait Waste Management Conference. Radisson Hotel and Resort, Kuwait, 6-8 April.
- Ibrahim, K., Hughes, C., Martin, A. 2009. Characterisation of Legacy Industrial Solid Waste (LISW) from Salt Mining and Chemical Industries in Cheshire, England. The

49th Science Week, Conference on Management of Solid and Liquid Wastes in Syria; Status and Prospects for Development. Homs, Syria, 09-11 November.

- Ibrahim, K., Hughes, C., Martin, A. 2009. The Legacy of Salt Mining and Chemical Industries in Cheshire, England. 9th International Multidisciplinary Scientific Geo-Conference on Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2009. Varna, Bulgaria, 14-19 June.
- Ibrahim, K., Hughes, C., Martin, A. 2008. The role of geochemical Characterisation in understanding the fate of Legacy Industrial Solid Waste (LISW) in the environment. The 5th International Conference on Information Communication Technologies & Intelligent Decision Support Systems for Environmental Studies. Fez, Morocco, 26-28 October.
- Ibrahim, K., Hughes, C., Martin, A. 2008. Legacy Industrial Solid Waste (LISW) in the environment. Graduate Research Conference. The University of Manchester, Manchester, England. 17 September.
- Ibrahim, K., Chaheen, H., Ghafar, M. Evaluation of Some Factors Affecting the Adsorption of Cadmium, Copper, Lead, and Iron. Case Study: The Adsorption on Badrousia Sands". Tishreen University, Journal for Studies and Scientific Research- Engineering Science Series. 28 (1), 2006.
- Co-organiser of the International Conference on "Environment Conservation and Natural Sites Management in the Coastal Zones", 18-20 September 2006, in cooperation with UNESCO, UNEP, ACSAD, High Institute for Environmental Research - Tishreen University, Lattakia, Syria, 2006.
- Co-organiser of the International Conference on "The Sustainable Development for Syrian Coast", 27-29 September 2005, , in cooperation with UNESCO, UNEP, High Institute for Environmental Research - Tishreen University, Lattakia, Syria, 2005.
- Attending a training course entitled "GIS and Environmental Applications", 1-15 August 2004, Faculty of Civil Engineering, Tishreen University, Lattakia, Syria.
- Attending a training course entitled "Environmental Management Systems ISO 14000", 24-29 January, 2004, Civil Engineering Association, Damascus, Syria.
- Co-organiser of the First Regional Conference on "Appropriate Technologies for Municipal Wastewater Treatment and Reuse", 2-4 December 2003, High Institute for Environmental Research - Tishreen University, Lattakia, Syria, 2003.
- Attending a training course entitled "Use of Hydrochemical and Atomic Techniques in Hydrology and Water Studies", 12-16 October, 2003, Syrian Atomic Energy Commission, Damascus, Syria.
- Attending a training course entitled "The Environmental Planning for Industrial Areas", 8-9 October 2003, Higher Institute for Environmental Research - Tishreen University, Lattakia, Syria.
- Attending a training course entitled "Informatics and Its Applications, GIS and Environmental Applications", 9-10 August 2003, Tishreen University, Lattakia, Syria.

SKILLS AND TRAINING COURSES

- Trainings completed in England: Communication and Planning Skills for Scientists and Engineers, Water Chemistry, Analytical Techniques, Introduction to Research, Postgraduate Research Conference, Developing the Postgraduate Manager, Academic Writing, Effective Presentation'; 'Endnote Software Programme'; 'Planning the Final Year Workshop'; 'Academic Paper Publication Workshop'; 'Teaching in Higher Education Workshop'; the Elsevier Author Workshop 'How to Publish a World Class Paper', and the compressed training course 'Sustainable Development and Climate Change, SDCC';
- Analytical Techniques: Good knowledge of some of state-of-the-art analytical techniques, some of which include: Optical and Electron Optical Methods (Optical Transmitted Light Microscopy, Back Scattered Electron Imagery and Secondary Electron Imagery); X-ray Diffractometry (XRD) and X-ray Florescence Spectroscopy (XRF), Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP - AES), Ion Exchange Chromatography (IEC) and standard analytical field instruments.
- Software: Windows (MS Word, Excel, Power Point, etc.); GIS software; Adobe Photoshop; Adobe Illustrator, Statistics software, etc.

ADDITIONAL SKILLS

- Fluent in Arabic language (native) and excellent in English language (spoken and written)
- Efficient communication skills
- Excellent team worker
- Very well-organised
- Ability to carry out tasks in a professional and efficient manner
- Excellent attention to details
- Leadership and management skills
- Full clean Syrian and UK driving license