

CURRICULUM VITAE

ISLAM M. AL-DABSHEH

PERSONAL INFORMATION

Name: Islam Mahmoud Mohammad Al-Dabsheh

Address: Marj Alhman- Amman- Jordan

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E-mail: imahmoud_81@yahoo.com

Date of Birth: November 14, 1981

Nationality: Jordanian

Sex: Female

Marital Status: Married



FIELDS OF SPECIALIZATION

Applied Geology/ Materials and Geopolymers, Industrial Rocks and Minerals, Applied Mineralogy, Natural Resources and Environmental Sciences

ACADEMIC QUALIFICATION

2006-2011: Ph.D, Geology (Materials and Geopolymers), average (3.75), Faculty of Science, University of Jordan, Amman, Jordan.

Ph.D Dissertation Title: Dissolution of Jordanian Raw Materials in Alkaline Solutions and their Stabilization for Construction Purposes.

2003-2006: M.Sc, Applied Geology (Industrial Rocks and Minerals), average (3.61), Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

M.Sc Thesis Title: Mineralogical, Geochemical & Industrial Evaluation of Silica Sand in Al-Dahikiya Area, NE Jordan.

1999-2003: B.Sc., Geology & Environment, average (2.90), Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

1998-1999: General Examination Board, Islamic Center School, Zarqa, Jordan.

EMPLOYMENT HISTORY

September 2015- up till now: Part time lecturer, Applied Geology and Environmental Sciences Department, Earth and Environmental Sciences Institute, Al al-Bayt University, Al Mafraq, Jordan

September 2013- July 2014: Post Doctoral Researcher, Department of Crystallography, Mineralogy and Mineral Deposits, Faculty of Geology, Universitat de Barcelona, Barcelona, Spain.

November 2007- January 2011: Research Assistant in the geo-materials project entitled (Chemical Stabilization of Jordanian Raw Materials for Construction Purposes) under the international scientific collaboration between University of Jordan and Vrije Universiteit Brussel, Department of Geology, Faculty of Sciences, University of Jordan, Amman, Jordan.

February 2007- January 2008: Teaching and Research Assistant (Minerals and rocks, Sedimentary rocks courses), Department of Geology, Faculty of Sciences, University of Jordan, Amman, Jordan.

June- October 2006: Research Assistant, Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

November- December 2005: Research Assistant, Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

October 2003- June 2005: Teaching and Research Assistant (layers and sediments, remote sensing courses), Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

AWARDS

Hisham Hijjawi Award for Applied Sciences/ Industry & Energy Sector, 2011/ Jordan & Palestine.

Research title: Studying the Dissolution Behavior of Jordanian Clay-rich Materials in Alkaline Solutions for Geopolymerization Purpose.

SCHOLARSHIPS AND GRANTS

Erasmus Mundus (AVEMPACE II) Post Doc Mobility Scholarship (2013-2014), Faculty of Geology, University of Barcelona, Spain.

Vlaamse Interuniversitaire Raad (VLIR, Contract ZEIN2006PR333) within the “Own Initiatives” program- PhD Scholarship (2007-2010), Brussels, Belgium.

Full-time grant for outstanding students (2008), Faculty of Science, University of Jordan, Amman, Jordan

Teaching Assistance Grant (2007-2008), Faculty of Science, University of Jordan, Amman, Jordan

Teaching Assistance Grant (2003-2005), Faculty of Natural Resources & Environment, Hashemite University, Zarqa, Jordan.

PUBLICATIONS

2016

Articles in scientific journals with an international referee system

Hydrated lime/potassium carbonate as alkaline activating mixture to produce kaolinitic clay based inorganic polymer

Authors: Esaifan Muayad Khoury Hani, **Aldabsheh Islam**, Rahier Hubert, Hourani Mohammed, Wastiels Jan

Reference: Applied Clay Science, vol. 126, 278–286

2015

Articles in scientific journals with an international referee system

Dissolution behavior of Jordanian clay-rich materials in alkaline solutions for alkali activation purpose- Part I

Authors: **Aldabsheh Islam**, Khoury Hani, Wastiels Jan, Rahier Hubert

Reference: Applied Clay Science, vol. 115, 238 - 247

2014

Communications at international congresses / symposia not published or only available as an abstract

The Effect of Micro/Nano-metric size on the interaction of Jordanian aluminosilicate raw materials with high pH solution

Authors: **Aldabsheh Islam**, Garcia-Valles Maite, Martinez Salvador

Reference: European Geosciences Union Assembly (EGU 2014), April 27- May 2 (2014), Vienna, Austria

2012

Communications at international congresses / symposia not published or only available as an abstract

The effect of adding metakaolinite and porcelanite on geopolymers produced from untreated kaolinite

Authors: Khoury Hani, Esaifan Muayad, Slatyi Faten, **Aldabsheh Islam**, Rahier Hubert, Wastiels Jan

Reference: International Conference on Materials Science and Technology (MS&T12), October 7-11, 2012, Pittsburgh, PA, USA

Suitability of Jordanian raw materials for construction materials by mineral polymerization

Authors: **Aldabsheh Islam**, Khoury Hani, Rahier Hubert, Wastiels Jan

Reference: The Geo-Materials Research Project Workshop in “Geopolymers from Jordanian raw materials”, April 16, 2012, Amman, Jordan

2011

Articles / contributions in scientific monographs / anthologies with an international referee system

Geopolymer products from Jordan for sustainability of the environment

Authors: Khoury Hani, **Aldabsheh Islam**, Slatyi Faten, Alshaaer Mazen, Rahier Hubert, Esaifan Muayad, Wastiels Jan

Reference: Advances In Materials Science for Environmental and Nuclear Technology II, from Ceramic Transactions, vol.227, pp.289 - 300, published by Wiley.

Materials Science and Technology (MS&T 10), October 17-21, 2010, Houston, TX, USA

The Effect of Addition of Pozzolan Tuff on Geopolymers

Authors: Khoury Hani, **Aldabsheh Islam**, Slatyi Faten, Abu Salha Yousef, Rahier Hubert, Esaifan Muayad, Wastiels Jan

Reference: Ceramic Engineering and Science Proceedings (selection from ICACC11), from Developments in Strategic Materials and Computational Design II, vol.32, n. 10, pp.53 - 69, eds. W. Kriven, A. Gyekenyesi, J. Wang, published by Wiley

35th International Conference & Exposition on Advanced Ceramics & Composites (ICACC), January 23-28, 2011, Daytona Beach, Florida

2011

Communications at international congresses / symposia integrally published in proceedings

Alkali activation of kaolinite for production of bricks and tiles

Authors: Rahier Hubert, Esaifan Muayad, Wastiels Jan, Slatyi Faten, **Aldabsheh Islam**, Khoury Hani

Reference: Non-traditional cement and concrete IV, pp.162 - 170, eds. Vlastimil Bilek, Zbynek Kersner

4th International Conference, Non-Traditional Cement and Concrete Conference (NTCC), June 27-30, 2011, Brno, Czech Republic

Production of geopolymers from untreated kaolinite

Authors: Rahier Hubert, Esaifan Muayad, **Aldabsheh Islam**, Slatyi Faten, Khoury Hani, Wastiels Jan

Reference: Ceramic Engineering and Science Proceedings (selection from ICACC11), from Developments in Strategic Materials and Computational Design II, vol.32, n. 10, pp.83 - 89, eds. W. Kriven, A. Gyekenyesi, J. Wang, published by Wiley

35th International Conference & Exposition on Advanced Ceramics & Composites (ICACC), January 23-28, 2011, Daytona Beach, Florida

2011

Communications at international congresses / symposia not published or only available as an abstract

The effect of adding metakaolinite on the geopolymer products from Jordan

Authors: Khoury Hani, **Aldabsheh Islam**, Slatyi Faten, Rahier Hubert, Esaifan Muayad, Wastiels Jan

Reference: Materials Science & Technology 2011 Conference & Exhibition, October 16-20, 2011, Columbus, Ohio, USA

Geopolymers: New products from kaolinite for sustainability of the environment

Authors: Khoury Hani, **Aldabsheh Islam**, Slaty Faten, Esaifan Muayad, Rahier Hubert, Wastiels Jan, Hourani Mohammed

Reference: The International Conference on Materials in Jordan, April 9-11, 2011, Jordan

Dissolution of Clay-rich Materials in Alkaline Solutions for Geopolymerization Purposes

Authors: **Aldabsheh Islam**, Khoury Hani, Wastiels Jan, Rahier Hubert

Reference: The 10th International Geological Conference of Jordanian Geologists Association and the 7th International Symposium on Middle East Geology, April 3-5, 2011, Jordan

2010

Articles in scientific journals with an international referee system

Use of local raw materials for construction purposes

Authors: Rahier Hubert, Slatyi Faten, **Aldabsheh Islam**, Alshaaer Mazen, Khoury Hani, Esaifan Muayad, Wastiels Jan

Reference: Advances in science and technology, vol.69, pp.152 - 155

URL: www.scientific.net

2010

Communications at international congresses / symposia integrally published in proceedings

Use of local raw materials for construction purposes

Authors: Rahier Hubert, Slatyi Faten, **Aldabsheh Islam**, Alshaaer Mazen, Khoury Hani, Esaifan Muayad, Wastiels Jan

Reference: Proceedings of CIMTEC 2010, Montecatini Terme (It), issue Symposium CK: Geopolymers and Geocements

12th International Conference on Modern Materials and Technologies (CIMTEC), June 6-18, 2010, Italy

Geopolymer Products from Jordan for Restoration and Conservation of the Environment

Authors: Khoury Hani, **Aldabsheh Islam**, Slatyi Faten, Rahier Hubert, Esaifan Muayad, Wastiels Jan

Reference: Proceedings of the Seventh International Conference on Science and Technology in Archaeology and Conservation & The CIPA Workshop on Documentation and Conservation of Stone Deterioration in Heritage Places, pp.195 - 201, eds. Talal S. Akasheh and Mario S. Quinterro

7th International Conference on Science and Technology in Archaeology and Conservation, December 7-11, 2010, Amman-Petra, Jordan

2010

Communications at international congresses / symposia not published or only available as an abstract

25 years of geo- (mineral) polymers

Authors: Wastiels Jan, Khoury Hani, Rahier Hubert, Hourani Mohammed Khair, Esaifan Muayad, **Aldabsheh Islam**, Slatyi Faten

Reference: The Workshop on Materials in Jordan, April 10-12, 2010, Jordan

Geopolymers: new products for sustainability of the environment

Authors: Khoury Hani, Wastiels Jan, Rahier Hubert, Hourani Mohammed Khair, Esaifan Muayad, **Aldabsheh Islam**, Slatyi Faten

Reference: The Workshop on Materials in Jordan, April 10-12, 2010, Jordan

Dissolution of Jordanian raw materials in alkaline solutions

Authors: **Aldabsheh Islam**, Khoury Hani, Rahier Hubert, Wastiels Jan

Reference: The Workshop on Materials in Jordan, April 10-12, 2010, Jordan

Geopolymers: New Products from kaolinite for Sustainability of the Environment

Authors: Khoury Hani, **Aldabsheh Islam**, Slatyi Faten, Esaifan Muayad, Rahier Hubert, Wastiels Jan, Hourani Mohammed Khair

Reference: 5th Mid-European Clay Conference (MECC2010), issue 5, August 25-29, 2010, Budapest, Hungary

Kaolinite/NaOH Geopolymer for Construction Purposes

Authors: Rahier Hubert, Esaifan Muayad, Wastiels Jan, Mele B. Van, **Aldabsheh Islam**, Slatyi Faten, Khoury Hani

Reference: 10th European Symposium on Thermal Analysis and Calorimetry (ESTAC-10), August 22-27, 2010, Rotterdam, The Netherlands

2009

Communications at international congresses / symposia not published or only available as an abstract

Molecular and physico-chemical characterisation of low-temperature setting inorganic materials

Authors: Rahier Hubert, Esaifan Muayad, Slatyi Faten, **Aldabsheh Islam**, Alshaaer Mazen, Khoury Hani, Wastiels Jan

Reference: The International Conference on Materials in Jordan, March 4-6, 2009, vol.1, eds. Marwan Mousa

2008

Communications at international congresses / symposia not published or only available as an abstract

Chemical stabilization of natural geomaterials from Jordan

Authors: **Aldabsheh Islam**, Slatyi Faten, Alshaaer Mazen, Rahier Hubert, Khoury Hani

Reference: Nanostructured Advanced Materials, November 10-13, 2008, Jordan

2007

Communications at international congresses / symposia not published or only available as an abstract

Mineralogical, geochemical and industrial evaluation of silica sand in Al-Dahikiya Area, NE-Jordan

Authors: **Aldabsheh Islam**, Almalabeh Ahmad, Ala'li Jamal

Reference: The 9th International Conference of Jordanian Geologists Association and the Sixth International Symposium on Eastern Mediterranean Geology, April 6-7, 2007, Jordan

3 Papers in preparation (to be submitted)

Suitability of Jordanian aluminosilicate materials of igneous origin for construction materials by mineral polymerization

Authors: Aldabsheh Islam, Khoury Hani, Rahier Hubert, Wastiels Jan

Dissolution of some Jordanian silicate materials in alkaline solutions for geopolymerization purpose

Authors: Aldabsheh Islam, Khoury Hani, Rahier Hubert, Wastiels Jan

The effect of micro/nano-metric size on the interaction of Jordanian aluminosilicate raw materials with high ph solution

Authors: Aldabsheh Islam, Garcia-Valles Maite, Martinez Salvador

PROFESSIONAL MEMBERSHIPS

Jordanian Geologists Association 2003- up till now.

PROFESSIONAL QUALIFICATIONS (TRAINING)

23-30 December, 2012: Training program of building the capacity of civil society organizations and the promotion of civil participation and respecting human rights, Community Development Committee, Zarqa, Jordan

20 January- 10 February, 2009: Training course in scientific photographic and photoshop, University of Jordan, Amman, Jordan.

9-21 June, 2008: Training course in Test of English as a Foreign Language (TOEFL), University of Jordan, Amman, Jordan.

17 October, 2004- 17 October, 2005: Training course for geologists, Natural Resources Authority (NRA), Amman, Jordan.

16 March, 2005- 16 May, 2005: Training course in general health, Water Authority, Zarqa, Jordan.

1-3 February, 2003: General relations and human communication, Modern Training & Consulting Center, Amman, Jordan.

2-6 July, 2002: Teaching and learning skills, Cultural Center, Amman, Jordan.

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s)	Arabic									
Other language(s)	English, Spanish									
Self-assessment	Understanding				Speaking				Writing	
<i>European level</i> (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient User	C2	Proficient User	C1	Proficient User	C1	Proficient User	C2	Proficient User
Spanish	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User
	(*) <i>Common European Framework of Reference for Languages</i>									
Social skills and competences	<p>Extremely organized person</p> <p>Ability to work along with the team</p> <p>Ability to solve problems</p> <p>Responsibility, self-respect and self-reliance</p> <p>Strong referential values of fairness, equity and dignity</p> <p>Ability to establish and maintain good working relations with people of different national and cultural backgrounds</p>									
Organisational skills and competences	<p>Teaching skills</p> <p>Research skills</p> <p>Decision making and leadership skills</p> <p>Multi tasking skills</p> <p>Administrative and financial experience in scientific research projects</p>									
Computer skills and competences	<p>Competent with most Microsoft Office programmes</p> <p>Drawing geological columnar sections and maps and designing scientific posters using (CorelDRAW and Photoshop) programs</p> <p>Dealing with Remote Sensing and Geographic Information Systems Software</p>									
Driving licence	Vehicle driving licence; category 3									

Research Gate: https://www.researchgate.net/profile/Islam_Aldabsheh