

CURRICULUM VITAE

RAMI ZURAYK

Personal information

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Education

DPhil Plant Sciences Department, University of Oxford, U.K., 1989

MSc Irrigation, American University of Beirut, Lebanon, 1983

Diploma & BSc Agriculture, American University of Beirut, Lebanon, 1981

Proficiency and Research areas

Food Security/ Sovereignty
Rural Planning and Development
Landscapes and Livelihoods
Political Ecology of the Arab Uprisings

Work experience

<i>Date</i>	<i>University</i>	<i>Position</i>
02-14 to present	American University of Beirut, Lebanon	Chair, Department of Landscape Design and Ecosystem Management of the Faculty of Agricultural and Food Sciences
10-07 to 09-08		Acting Director, Interfaculty Graduate Environmental Sciences Program (IGESP)
01-14 to present	American University of Beirut, Lebanon	Professor, Faculty of Agricultural and Food Sciences
07-02 to present	American University of Beirut, Lebanon	Director, Interfaculty Graduate Environmental Sciences Program (IGESP)
06-00 to 01-14	American University of Beirut, Lebanon	Associate Professor, Environmental Soil Science/Ecosystem Management
07-1997 to 07-02	American University of Beirut, Lebanon	Assistant Professor of Soil Science
10-1991 to 07-1997	American University of Beirut, Lebanon	

Registrations-Certifications

Association of American Geographers
British Society of Soil Science
Lebanese Order of Engineers and Architects

Languages

Fluent in Arabic, English and French.

CURRENT UNIVERSITY COMMITTEE

Elective Member and FAFS representative on the University Research Board
Member of the ACC
Member in Interfaculty Committee on Capacity Building in Food Security
Member of FAFS Advisory Committee
Member of FAFS Administrative Committee
Member of FAFS Research Committee
Chair of the Landscape Design and Ecosystem Management Department at FAFS
Member of the Interdisciplinary Programs Committee 2011-2013

Member of the Steering Committee of the High Level Panel of Experts on Food Security and Nutrition (HLPE) of the Committee of World Food Security (CFS).

Member of the Research Review Board of the Arab Council for the Social Studies

Commissioner at the 3rd EAT-Lancet Commission on Health Diets For Sustainable Food Systems

Member of the Research Review Board of the Arab Council for the Social Studies (ACSS-Cycle 2017-2018)

Advisory Board Member and Columnist

Journal of Agriculture, Food Systems, and Community Development

Editorial Board Member

Biodiversitas, Journal of Biological Diversity

Recent Journal referee

African Journal of Agricultural Research, spring 2015

Journal of Peasant Studies

Book proposal review: CABI Food security in Developing Countries

Journal of the Economic and Social History of the Orient

Greener Journals

Journal of Coastal research, 2013

Journal of Horticulture and Forestry

Lebanese Science Journal

International Review of Education

Human Ecology

Journal of Land Degradation

Member of the scientific committee of food fabrication

Advisory Board, Social and Economic Action for Lebanon (SEAL)

Founding member, Thimar Research Collective

Policy Advisor, Al Shabaka- the Palestinian Policy Network, Lebanon

Since 2007: Environment and food politics editorialist, Al Akhbar, Lebanon

Recent Professional consultation

<i>Period</i>	<i>Title</i>	<i>Funded by</i>
October 2016- April 2017	Expert on Food Security Monitoring for the Arab region	ESCWA
2016	Food Security Senior Expert	Booz Allen Hamilton
2012	Arab Food Security in the Wake of the Uprisings	International Labor Organization
2009	Erbil Agricultural Green Belt Design	Khatib and Alami Consultants
2008	Agricultural Policy Expert. Booz Allen Hamilton. Agricultural Strategy of Egypt, Cairo.	Booz Allen Hamilton
2005-2007	Senior National Expert, Geographic Indicators Project	AGRIDEAS (Switzerland) and Ministry of Economy and Trade
2006	International Consultant in Environment and Development. Country Program Identification Mission, Qatar	United Nations Development Program
2006	International Consultant in Community Development. Mid-Term evaluation of the Masila Water and Sanitation Project, Hadramawt, Yemen	United Nations Development Program

TEACHING

Courses currently taught

LDEM 217 Soils in the Landscape
LDEM 203 The Environment and Sustainable Development
LDEM 630 Natural Resource Management

Thesis supervision / examination (completed and on-going)

PhD Thesis Supervision, Co-supervision, Internal or External Examiner

1. Assessing Eutrophication in Qaraoun Reservoir. American University of Beirut. Current (Eliza Deutsch)
2. A Positive Apportionment Framework for Water Allocation in Contested Transboundary River Basins: Energy as a Welfare Catalyst. American University of Beirut. Current (Rola Quba'a)
3. A dynamic downscaling approach for climate change impact assessment on agriculture and water resources at a river basin scale: Adaptation and socio-economic implications. American University of Beirut. 2016. (Renalda El Samra)
4. Dew as an Adaptation Measure to Mitigate Climate Change. American University of Beirut. 2015. (Marlene Ann Tomaszkiwicz)
5. Adaptation to saltwater intrusion along highly urbanized coastal areas: A DSS-based socioeconomic perspective. American University of Beirut. Current (Grace Rachid)
6. La Politique de qualité sanitaire des aliments en droit international, Union Européenne, USA, Canada et France. Quelles organisations sont envisageables pour améliorer la sécurité sanitaire des aliments au Liban ?. Agro Paris Tech. 2014 (Thana Abou Ghida)
7. De l'élevage pastoral à l'arboriculture: le changement technique au sein d'une société agropastorale. Le cas d'un village de la montagne aride du Liban : Aarsal. Institut National Agronomique Paris-Grignon Ecole Doctorale ABIES. 2004 (Mona Haidar)

MS Thesis Advisor

8. Exploring the Determinants of an Agricultural Anomaly: The Case of the Damask Rose (*Rosa damascena*) Value Chain in Qsarnaba, Lebanon, 2016 (Dirani, A.) Project
9. Agriculture as a Tool of Settlement: A Political Ecology and Economy Analysis of Israeli Agricultural Development, 2016 (Thomson, W.)
10. Landscape Transformation and Agrarian Changes in a Village of Jabal Amel Lebanon (Sinai), 2014 (Al Samarai, F.) Project
11. Land Tenure Reform and Changes in Land Use and Farming Systems in the Jabal Amel Region of South Lebanon, 2013 (Al Khatib, T.) Project
12. Detection & Assessment of Landuse changes in Kferdebian , 2009 (El Daher, K.)
13. An Overview of Shared Groundwater Resources in the Middle East and North Africa, 2008 (Hammoud, M.)
14. Impact of landmines and unexploded ordnance on the human & land resources in South Lebanon, 2007 (Yammine, M.)
15. Evolution of natural resource management in Mount Lebanon: the Case of Batloun el- Shouf 1935-2005, 2007 (Rachid, G.)
16. The diet of *Fistularia commersonii*, an introduced fish from the Red Sea, 2006 (Al Assi, H.)
17. Effect of extracted humus on the germination and seedling growth of corn, 2004 (Mansour, A.)
18. Impacts of shifting farming systems on soil degradation in a semi-arid mountainous region of Lebanon, 2003 (El Hindy, R.)
19. Role of synthetic chelates in cadmium phytoextraction, 2002 (Adra, M.)
20. Analysis of the relationship between the landscape physical components and cereal wild relatives in the Baalbeck region, 2002 (Abdallah, H.)
21. Lead deposition on soil and vegetation in different land uses of the Shweifaf area, 2001 (Eid, A.)
22. Analysis of the relation between floristic diversity and landscape physical components in the Lebanese coastal zone, 2001 (Chatila, J.)
23. Environmental sustainability analysis of urban and peri-urban agriculture on the Lebanese coastal zone, 2001 (Abdul Samad, L.)
24. Dynamics of Cd, Ni, and Cr in four Lebanese soils, 2000 (Samad, F.)
25. The effect of acid-forming fertilizers on the mobility and uptake of Cd, Cr, and Ni by radish plants in four Lebanese soils, 2000 (Srouf, R.)
26. Salinity-heavy metal interaction on metal uptake by salt-tolerant plants, 1999 (Khoury, N.)
27. Soil amendments for pine establishment in quarry rehabilitation, 1999 (El-Jisr, K.)
28. Phosphorus dynamics and characterization under long-term rotation trial, 1999 (Kabengi, N.)
29. Developing chromium, nickel, and cadmium phytoremediation technology: Selection of hyperaccumulator hydrophytes, 1998 (Sukkarieh, B.)
30. Physiological responses to salinity of two strawberry varieties in calcareous and non-calcareous substrates, 1998 (Hajjar, D.)
31. Salinity management for optimal cucumber production, 1995 (Mujaess, N.)
32. Response of chickpea nodulation, nitrogen fixation and growth to salinity, 1995 (Adlan, M.)
33. Response of a local dryland wheat cultivar to mineral fertilization and crop rotation, 1993 (Geha, Y.)
34. Performance of pilot scale hydrophyte beds for wastewater treatment, 1993 (Rizk, C)

MS Thesis Co-supervision / examination

1. New Regionalism For Rural Areas: The Caza of Hermel (Lebanon) as Case Study, current. (Hamadeh, Y)
2. Socio-economic impact of saltwater intrusion on agricultural productivity and water use among coastal communities, Current. (Dib, T.)
3. Exploring the Feasibility of Introducing Vermicomposting on a Microenterprise Scale in Lebanon, 2014 (Moledor, S.)
4. Tracking changes in fish abundance across the coast of the Levant: a local ecological knowledge study, 2013 (Al Ajlan, S.)
5. Natural Resource Management in Rural Lebanon: Optimizing Production Protocols of target native tree species, in progress (Hamzeh, B.)
6. Natural Resources in Hrar, Landscape & Biodiversity, 2012 (Hazim, N.)
7. Women's perspective on the management of natural resources: case study of Irsal, Batloun and Kweik, 2012 (Itani, C.)
8. Indicators of Microbial Pollution, Drug Resistance, & Heavy Metals Recovered from Different Species of Edible Oysters in the Eastern Mediterranean, 2007 (El Hajj, R.)
9. Oil Spill Contaminants in selected vertebrates & invertebrates of the Eastern Mediterranean sea, 2007 (Sabra, A.)
10. Diarrhea and Women's Practices for Handling Water in the Town of Bebnine, Lebanon, 2007 (El Azar, G.)
11. Urban floral diversity in the Eastern Mediterranean: Beirut Coastal Landscape, 2007 (Chmaitelly, H.)
12. Towards a 21st century Hima System: Natural Resource & conservation Policy in Saudi Arab, 2006 (Al-Ajlani, D.)
13. Determinants & Health Implications of the Use of Drinking Water from the Public Spring of Bebnine, 2006 (Hojei, S.)
14. Water and Sediment Quality in Lebanese Wetlands: Aammiaq Wetland and Tyre Coast Nature Reserve, 2006 (El Houry, J.)
15. Density and Drug Resistance in Upper Respiratory System Microflora of Intensive and Range-Reared Commercial Chicken, 2005 (Pia Nehme, M.)
16. Gender division of work and work hazards among children working in tobacco plantations, 2005 (Abou Ajram, M.)
17. Microbiological and chemical parameters of chicken litter in Lebanon, 2004 (Omeira, N.)
18. Effect of Liquid Whey and Molasses Supplementation on Fermentation Characteristics and Apparent Digestibility of Urea Treated Straw Silage, 2003 (Rebeiz, N.)
19. Evaluating methods for assigning conservation status of Lebanese plant species, 2002 (Rteil, H.)
20. Ibrahim River: a case study for investigating vegetation patterns and assessing riparian habitat, 2002 (Abboud, M.)
21. Characterization and evaluation of the biological diversity of *Pinus pinea* in Lebanon, 2001 (Saghieh, M.)
22. Characterization of wild *Triticum* and *Aegilops* species in north Beqa'a, Lebanon, 2001 (Hajj Hassan, N.)
23. Propagation and conservation of *Iris cedrete* Dinsmore and *Vinca libanotica* Zucc, 2001 (Saad, L.)
24. Floristic Assessment of Selected Communities along the Lebanese Coastal Zone, 2001 (Dagher, M.)
25. Insect Diversity along the Lebanese Coast in selected Plant Communities, 2000 (El Hachem, R.)
26. Floristic Assessment of Selected Communities along the Lebanese Littoral Zone, 2000 (Dardas, M.)
27. GIS Analysis of Runoff and Erosion in the Yammoune Area-Lebanon, 2000 (Hodeib, H.)
28. An Improved Methodology for Water Harvesting Reservoir Siting, 2000 (Jabre, W.)
29. A GIS-Based Methodology for Siting Small Water Harvesting Reservoirs, 1999 (Makke, M.)
30. Selecting Salt-Tolerant Plants for Inclusion in Water-Reuse Systems, 1998 (Koteiche, S.)
31. Germplasm Characterization and Climatic Zoning for Viticulture in Lebanon, 1998 (Riachy, I.)
32. New Irrigation Scheme Planning and Design Strategies for the Awali-Zahrani Area, 1995 (Jaber, F.)
33. Estimating Unsaturated Soil Hydraulic Properties from Depth of Wetting, 1994 (Mina, N.)
34. The Effect of Moisture Stress on Germination and Development of Drought Susceptible and Tolerant Wheat Cultivars, 1994 (Bleik, M.)
35. An Empirical Model to Estimate Transpiration and Evaporation from Soil Moisture, 1994 (Fayad, H.)

GRANTS AND CONTRACTS

RESEARCH GRANTS AND CONTRACTS

Total funding obtained since joining AUB: 4,733,712.93 USD

Total funding obtained during last five years: 192,984.02 USD

Title	Funded by	Year	Investigators	USD
Forests and Landscapes Restoration Mechanism	FAO	2016-2017	M. Trovato	40,000

Climate change impact on salt water intrusion along the Eastern Mediterranean: Vulnerability and adaptation socio-economics	IDRC	2011-2014	M. El Fadel	507,00
The Palimpsest of Agrarian Change	London School of Economic (LSE)	2012-2015	R. Zurayk	115,234.52
Sustainable Bedouin livelihoods in a changing world: surviving droughts, policies and markets (Phase II)	Henrich Boll Foundation	2010	R. Zurayk	7,344
Environmental upgrading of Bint Jbeil district area and support to the economical revitalizing in agricultural sector	GVC	2009-2010 Open	R. Zurayk	20,374
Support to Rural Production and Strengthening of the Network of Cooperatives Karam Al Janoub	GVC	2009 Open	R. Zurayk	13,750.5
Preparation of two papers for the regional conference on "Achieving Food Security in the Arab World in Doha, Qatar " during June 2009	ICARDA	2009	R. Zurayk	14,000
Sustainable Bedouin livelihoods in a changing world: surviving droughts, policies and markets (Phase I)	Henrich Boll Foundation	2009	R. Zurayk	15,360
Enhancing the value chain of small producers and food processing cooperatives in Baalback-Hermel	UCODEP	2009 Open	R. Zurayk	19,920
Support to rural production and activities strengthening of the network of cooperatives Karam Al Janoub	GVC	2008-2009	R. Zurayk	17,995
Study for the inventory of typical Lebanese products	UCODEP	2008-2009	R. Zurayk	9,300
Land & People - mobile capacity building for farmers in the South.	Heinrich Boell Foundation	2008	R. Zurayk	31,386
Support to household gardens through the introduction of a Grey Water treatment and reuse system and the extension of Integrated Farming Management techniques	GVC	2008	R. Zurayk	9,363
Rehabilitation of the multifunctional centers of Aytaroun as instrument to promote economic recovery and strengthen the local community'	UCODEP	2007-2008	R. Zurayk	13,750
Global Environment Outlook Launch (GEO 4)	United Nations Environment Program	2007	R. Zurayk	5,000
Study for the Inventory of Typical Lebanese Food Products	UCODEP	2007	R. Zurayk	15,532
Biodiversity conservation through use: Laurel soap to enhance women's livelihoods in Aita al Shaab	SEAL-USA	2006- open	R. Zurayk	15,000
Rural Bus	Heinrich Boell Foundation	2006-2008	R. Zurayk	20,240
Land and People: A mobile agricultural clinic for the war-affected areas of South Lebanon	SEAL	2006	R. Zurayk	40,000
Cities Farming for the Future	RUAF Foundation	2006	R. Zurayk	36,937
Regional Training and Knowledge Sharing in Urban Agriculture for the Middle East and North Africa	Cities Feeding People Initiative of the International Development Research Center.	2005-2008	R. Zurayk	387,495
Global Environment Outlook (GEO 4)	United Nations Environment Program.	2005-2007	R. Zurayk	10,000
Understanding Water, Understanding Health: The Case of Bebnine	IDRC	2004-2009	I. Nuwayhid, R. Zurayk	374,900.91

Enhancing the livelihoods of poor farmers in South Lebanon: Community Supported Agriculture	Mercy Corps	2004-2005	R. Zurayk	218,000
Provision of Technology Transfer and Extension for Major Irrigation Schemes (Akkar El Bared, Dannyieh, Qasmieh, South Bekaa)	IFAD/World Bank/CDR.	2002-2004	R. Zurayk	773,000
A participatory approach towards integrated coastal zone management: Opportunities for socio-economic growth and environmental protection	US Agency for International Development	02-03	M. El-Fadel	670,000
Systèmes d'activités rurales et maîtrise des ressources en région semi-aride du Liban	Region PACA	2001-2002	R. Zurayk	34,875
Community of Practice on Sustainable Livelihoods in Drylands	UNDP/World Bank	2001-2002	R. Zurayk	20,000
Qaraaoun Integrated Rural Development Project	Mercy Corps/USDA.	2001-2003	R. Zurayk	675,000
Using GIS and Remote Sensing for the Management of Agrobiodiversity	UNDP	2001-2001	R. Zurayk	30,000
Environmental Impact Assessment of peri-urban agriculture on the Lebanese coast	French Government, CEDRE French-Lebanese collaborative research program	2 years	R. Zurayk	30,000
Sustainable Improvement of Marginal Lands: Aarsal, Lebanon	IDRC	2000-2003	S. Hamadeh, R. Zurayk	205,250
Coastal Biodiversity Management in Lebanon.	Government of Britain	1999-2002	Talhok, S; R. Zurayk	225,000
Yammouneh Extension and Technology Transfer Project	World Bank	1998-2004	R. Zurayk	500,000
Developing a GIS methodology for assessing land degradation in drylands with special reference to the Yammouneh Irrigation Project Area.	USAID	1998-2000	R. Zurayk	200,000

PUBLICATIONS

Chapters in Books

1. **Zurayk, R.** 2016. The Arab Uprisings through an Agrarian Lens. In Kadri, A. (ed). **Development Challenges and Solutions after the Arab Spring**. Hampshire, England: Palgrave Macmillan. pp. 139-152.
1. رامى زريق وأن غوف. 2014. السيطرة على الغذاء السيطرة على الشعب: الكفاح من أجل الأمن الغذائي في غزة. مؤسسة الدراسات الفلسطينية. غزة-978-9953-453-83-5. ص 110
2. **Zurayk, R.** and Gough, A. 2014. Bread and Olive Oil: The Agrarian Roots of the Arab Uprising. In: Gerges, F. (ed). **The New Middle East: Protest and Revolution in the Arab World**. Cambridge University Press. pp. 107-134. ISBN 978-1-107-61688-2
3. Myntti, C., Mabsout, M and **Zurayk, R.** 2012. Through Thick and Thin: The American University of Beirut Engages Its Communities. In: McIlrath, L, Lyons, A. and Munch, R. (eds.). **Higher Education and Civic Engagement** pp 205-219. June 2012. ISBN: 978-0-230-34037-4
4. **Zurayk, R.** 2012. Can sustainable consumption protect the Mediterranean landscape? In: Mombiela, F. (Ed). **MEDITERRA 2012. The Mediterranean Diet for Sustainable Regional Development. SciencesPo**. CIHEAM, Paris, France. pp. 156- 171. ISBN 978-2-7246-1248-6
5. Makhzoumi, J., Talhok, S., **Zurayk, R.** and Sadek, R. 2012. Landscape Approach to Bio-Cultural Diversity Conservation in Rural Lebanon. In: Tiefenbacher, J. (ed). **Perspectives on Nature Conservation – Patterns, Pressures and Prospects**. InTech, pp. 179-198. ISBN 978-953-51-0033-1
6. **Zurayk, R.** 2011. Feeding the Arab Uprisings. In: Al-Zubaidi, L., Abu Ayyash, A., Khoury, D. and Paul, J. (eds.). **Perspectives: Political Analysis and Commentary from the Middle East**. Heinrich Boll Stiftung. 2 May 2011, Special Issue, pp.119-125.
7. El Masri, R., **Zurayk, R.**, and Qodsi, E. 2010. Environment for Development and Human Well-Being. In: Chapter 1 of **The Environment Outlook for the Arab Region: Environment for Development and Human Well-being report**. United Nations Environment Programme, pp. 31-55. ISBN 978-92-807-3055-5 (Arabic version)
8. **Zurayk, R.** contributing author. 2007. Environment for Development. Chapter 1 of Global Environment Outlook GEO4. **United Nations Environment Programme**. UNEP. ISBN 978-92-807-2836. pp:3-36

9. **Zurayk, R.**, contributing author. 2007. Sustaining a Common Future. Chapter 6 of Global Environment Outlook GEO4. **United Nations Environment Programme**. UNEP. ISBN 978-92-807-2836. pp: 195-298
10. Hamadeh, S., Haidar, M., **Zurayk, R.**, Obeid, M., and Dick, C. 2006. Goats, Cherry Trees and Videotapes: Participatory Development Communication for Natural Resource Management. In: G. Bessette (ed). **People, Land and Water**. International Development Research Centre publisher, pp. 62-67. ISBN 1-55250-224-4
11. **Zurayk, R.**, Abdul Samad, L and Talhouk, S. 2004. Environmental Analysis of Urban and Peri-Urban Coastal Agriculture in Lebanon. In: Nasr, J. and Padilla, M. (eds.). **L'Interface Entre Agriculture et Urbanisation en Mediterranee Sud et Est**. Institut Francais du Moyen Orient, Editions Delta-IFPO. pp : 279-290.
12. **Zurayk, R.** and Haidar, M.2004. Biodiversity Conservation Priorities: Lebanon. In: **Sharing Innovative Experiences**. UNDP. New York Vo. 9, pp. 13-20.
13. Hamadeh S. K., **Zurayk, R.**, Darwish, M. R., Seeden, H., Talhouk, S., El-Awar, F.,Baalbaki, R., Abi-Said, M., Sharara, M. 2001. Changing rural livelihoods and land degradation in the Bekaa valley. In: **A. Aw-Hassan and A. Cooper (eds.). Agriculture and Rural Livelihoods: Case Studies for Sustainability in the WANA Region**. ICARDA, Syria.
14. **Zurayk, R.** 1991. The Post War Arab World: Development in Reverse. In: Gittings, J. (ed.). **Beyond the Gulf War: The Middle East and the New World Order**. CIIR, London, pp.102-109.
15. **Zurayk, R.** 1990. The Domestication and Economic Cultivation of Halophytes. In: Speedy, A. (ed.). **Developing World Agriculture**, Grosvenor Press, London, 1990 pp. 74-79.
16. Padilla, M.; Hamimaz, R.; El Dahr, H.; **Zurayk, R.**; Moubarak, F. 2006. Consumers and the Health and Environmental Quality of Products. p 195-254. In: Hervieu Bertrand (dir.); Allaya Mahmoud (coord.) **AgriMed : Agriculture, Fisheries, Food and Sustainable Rural Development in the Mediterranean Region**. Paris : CIHEAM, 2006. - 412 p. ISBN.

Books

1. **Zurayk, R.** and Gough, A. 2013. Control Food, Control People. The Struggle for Food Security in Gaza. Institute for Palestine Studies. pp 70. November 2013. ISBN: 978-0887283192
2. **Zurayk, R.** 2011. Food, Farming and Freedom: Sowing the Arab Spring. **Just world publishing**. 250 pp. ISBN-13: 978-1-935982-05-0
3. **Zurayk, R.** 2011. War Diary: Lebanon 2006. **Just world publishing**. 59 pp. ISBN 978-1-935982-09-8
4. **Zurayk R.** and Talhouk S. 2010. Plants and People: Ethnobotanical Knowledge from Lebanon. **AUB IBSAR and Cooperazione Italiana**. ISBN 978-9953-9019-9-2.
5. **Zurayk, R.** (Editor and Translator) and Hamra Abu Eid (Compiler). 2010. Tales from the Badia: Bedouin Folk Tales From Lebanon. **Heirich Boell Foundation**. 150 pp. ISBN 978-9-95301-643-6
6. **Zurayk, R.** and Abdul Rahman, S. 2008. From `Akkar to `Amel, Lebanon's Slow Food Trail. **Slow Food Foundation for Biodiversity and Slow Food Beirut**. 150 pp. ISBN 7000414-17-13.
7. Hamadeh, S., Haidar, M. and **Zurayk, R.** 2006. Research for Development in the Dry Arab Region. The Cactus Flower. **International Development Research Centre and Southbound Publishers**, Penang. 124pp. ISBN 983905446-5

Articles in refereed international journals

1. Tomaszkiwicz, M., Abou Najm*, M., **Zurayk, R.** and M. El-Fadel. 2016. 'Dew as an adaptation measure to meet water demand in agriculture and reforestation'. **Agricultural and Forest Meteorology**, 232, 411–421. DOI:10.1016/j.agrformet.2016.09.009
2. Gharios, C., El. Nour, S., Mundy, M., **Zurayk, R.** 2016. Transformation rurale, paysage et conflit dans un village du Liban Sud, Sinay. **Economie Rurale** 353-354/Mai-Juillet 2016. P 9-26
3. Habib, R., Mikati, D., Hojeij, S., El Asmar, K., Chaaya, M., and **Zurayk, R.** 2016. Associations between poor living conditions and multi-morbidity among Syrian migrant agricultural workers in Lebanon. **European Journal of Public Health**. 26 (6): 1039-1044. <https://doi.org/10.1093/eurpub/ckw096>. July 8, 2016.
4. Jaafar, H., **Zurayk, R.**, King, C., Ahmad, F., and Al-Outa, R. 2015. Impact of the Syrian conflict on irrigated agriculture in the Orontes Basin. **International Journal of Water Resources Development**. Online March 23, 2015. <http://dx.doi.org/10.1080/07900627.2015.1023892>
5. El. Nour, S., Gharios, C., Mundy, M., **Zurayk, R.** 2015. The right to the village? Concept and History in a village of South Lebanon. **Spatial justice journal**. January 2015, No. 7. ISSN 2105-0392.
6. **Zurayk, R.** 2014. Looking at Sierra Leone's Ebola Epidemic Through an Agrarian Lens. **Journal of Agriculture, Food Systems, and Community Development**. Volume 5(2), 15-20 pp. online November 17, 2014. <http://dx.doi.org/10.5304/jafscd.2014.051.005>
7. **Zurayk, R.** 2014. The agrarian limits of the food movement. **Journal of Agriculture, Food Systems, and Community Development**. Volume 4(3), 9-22 pp. ISSN: 2152-0801 online. June 25, 2014.
8. **Zurayk, R.** 2014. The fatal synergy of war and drought in the Eastern Mediterranean. **Journal of Agriculture, Food Systems, and Community Development**. Volume 4(2), 9-13 pp. ISSN: 2152-0801 online. March 17, 2014.
9. Ghattas, H., Barbour, J., Nord, M., **Zurayk, R.**, and Sahyoun, N. 2013. Household food security is associated with Agricultural livelihoods and diet quality in a marginalized community of rural Bedouins in Lebanon. **The Journal of Nutrition**. doi: 10.3945/jn.113.176388 online . August 14, 2013
10. **Zurayk, R.** 2013. Should Farmers Just Say No?. **Journal of Agriculture, Food Systems, and Community**

Development. Volume 4, Issue 1, 4pp. ISSN: 2152-0801 online. December 8, 2013.

11. **Zurayk, R.** 2013. Civil war and the devastation of Syria's food system. **Journal of Agriculture, Food Systems, and Community Development**. Volume 3, Issue 2, 3pp. ISSN: 2152-0801 online. March 19, 2013.
12. **Zurayk, R.** 2012. Asking the right questions. **Journal of Agriculture, Food Systems, and Community Development**. Volume 3, Issue 1, 3pp. ISSN: 2152-0801 online. December 16, 2012.
13. Abboud, M., Makhzoumi, J., Clubbe, C., **Zurayk, R.**, Jury, S., and Talhouk, S. 2012. Riparian habitat assessment tool for Lebanese rivers (RIHAT): case study Ibrahim Rive. **BioRisk**. 7: 99–116
14. **Zurayk, R.** 2012. Bread, freedom, and social justice. **Journal of Agriculture, Food Systems, and Community Development**. Volume 2, Issue 2, 4pp. ISSN: 2152-0801 online. April 2012.
15. Garcon, L. and **Zurayk, R.** 2011. L'œil et la bouche : Le goût du paysage pour préserver le patrimoine alimentaire libanais. **Food and History**. Volume 9, Number 2/2011. ISSN: 1780-3187 online: June 2012
16. **Zurayk, R.** 2011. Occupy the Global Food Regime. **Journal of Agriculture, Food Systems, and Community Development**. Volume 2, Issue 1, 3 pp. ISSN 2152-0801 online , December 2011.
17. **Zurayk, R.**, Chaaban, J., and Sabra, A. 2011. Ensuring that potential Gulf farmland investments in developing countries are pro-poor and sustainable. **Food Security**. Volume 3, Issue 1 (2011), Page 129.
18. **Zurayk, R.** 2010. From Incidental to Essential: Urban Agriculture in the Middle East. **Journal of Agriculture, Food Systems, and Community Development**. Volume 1, Issue 2. 3 pp. ISSN: 2152-0801 online, December 2010. (Regular editorial column).
19. **Zurayk, R.** 2010. Family farmers are struggling everywhere. **Journal of Agriculture, Food Systems, and Community Development**. Volume 1, Issue 1, August 2010, 27-30 pp. (Regular editorial column)
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15. **Zurayk, R.** and El Moubayid, L. 1994. Land Degradation and Mitigation in the Lebanese Mountains: The Breakdown of Traditional Systems. **Research Paper no 9, Disaster Management Training Program**. UNDP/DHA, New York. (Refereed paper)

Research in progress

Co-organizer of a conference at Sciences Po in Paris on March 1-3, 2017 on the topic of Crisis and Conflict in the Agrarian World: An Evolving Dialectic. Lead author with Eckart Woertz and Rachel Bahn on a book entitled "Crisis and Conflict in Agriculture" Contract signed with CABI.

Invited talks

1. **And What if One Spoke of the Land? Labour, Food and the Making of Space in Modern South Lebanon**. London School of Economics. London. September 29, 2015.
2. **The Morning After: the Arab Uprisings Through an Agrarian Lens**. Annual conference entitled: *After the 'Arab Spring': Development Challenges and Solutions*. Singapore. May 29 - 30, 2014.
3. **Food, Farming, and Freedom: Sowing the Arab Spring**. Association of American Geographers Annual Meeting. Tampa, Florida. April 8-12, 2014.
4. **Food, farming and freedom revisited**. Food, Farmers and Revolution symposium. AUB. Lebanon. January 22, 2013
5. **Causes and consequences of food insecurity in protracted crises**. Forum on Food Insecurity in Protracted Crises. FAO – Rome, Italy. September 13 – 14, 2012
6. **Pasture and Politics: Landscape Fragmentation, Social Power and Bedouin Livelihoods in Mandatory Trans-Jordan and Contemporary Lebanon**. International Conference on "Great Events and Catastrophes Impacts and Adaptations in Nomadic Societies". University of Leipzig, Oriental Institute, Germany. November 26, 2010.
7. **The Empty Breadbasket: Food, Farming and Landscape in the (Formerly) Fertile Crescent**. University of New Hampshire. July 13, 2010
8. **Quel Tourisme pour le Terroir et Comment le Développer?** Troisième Forum International Planète Terroirs. Chefchaouen. Maroc. 31 Mai-2 Juin 2010.
9. **From `Akkar to `Amel : A Landscape Approach to Documenting and Valorizing Lebanon's Food Heritage**. International Seminar on "Compiling a Food Heritage Inventory: Existing Knowledge, Methods and

Perspectives". Institut Européen d'Histoire et des cultures de l'Alimentation. Tours. November 30-December 1 2009.

10. **Jalons pour un Inventaire Méditerranéen: Éléments de Discussions.** International Seminar on "Compiling a Food Heritage Inventory: Existing Knowledge, Methods and Perspectives". Institut Européen d'Histoire et des cultures de l'Alimentation. Tours. November 30-December 1 2009.
11. **De l'Asie à l'Afrique, Connaître et Préserver le Patrimoine Culinaire.** Table Ronde du Forum Alimentation et culture. Les 5èmes Rencontres François Rabelais. Université François Rabelais, Tours, France 29 Novembre 2009.
12. **Manger Local au Nord Comme au Sud.** Table Ronde Eurogusto-Slow Food. Tours, France 29 Novembre 2009.
13. **Community partnership.** Expanding Civic Engagement in Arab Universities: A Peer Learning Workshop. AUB-Beirut- Lebanon. June 25, 09.
14. **CBPR and Sustainable Livelihood Framework.** Workshop on Environment and Health to Young Professionals and Researchers in the MENA Region- COPEH MENA. AUB. Beirut, Lebanon, April 21, 09.
15. **Sustainable Land Management in the ESCWA region.** Expert Group Meeting on "Sustainable Land Management as a Best Practice to Enhance Rural Development in the ESCWA Region", United Nations House, Beirut, Lebanon, 25 - 27 March 2009.
16. **Food systems and Climate Change in the Arab Middle East.** Food Sovereignty vs. Free Trade: Towards and Alternative Multilateral Agricultural Governance Framework. Regional Civil Society Forum in West Central Asia and North Africa. Henrich Boll Stiftung. Beirut, Lebanon. 5-6 December 2008.
17. **Double-edged prices: How to reduce countries' vulnerability to food price shocks.** Invited to comment on the OXFAM study on the food crisis to a regional civil society audience at the occasion of World Food Day. **International Food Security Press Conference.** Beirut, Lebanon. October 16, 2008
18. **Water and Agriculture.** Earth Workshop on Water and Agriculture. Chair and convener. Terra Madre 2008, Turin, Italy, October 26, 2008.
19. **Market Everyday. The Earth Markets Contribution to the Local Economy in Lebanon.** In: Farmers' Markets as a Tool in Local Development. Salone Del Gusto and Terra Madre. Slow Food, Turin, Italy. October 25, 2008.
20. **Agricultural Development and Earth Markets in Lebanon.** In: Farmer's Markets for Agricultural Development and Poverty Alleviation, Local Economy and Mediterranean Products: Sustainable Agriculture, Bio-diversity Protection and Fair Trade, Together Against Poverty SLOW FOOD, Cyprus May 21-23, 2008
21. **Terroir Products in Lebanon's Agricultural Development.** In: Colloque « Euro-méditerranéen: entre Agro-Business et Cooperation: nouveaux enjeux, nouveaux métiers ». CIHEAM, ERNST & YOUNG, AGROPOLIS International Montpellier, France January 25, 2008
22. **Traditional Products of Lebanon : Landscape and Livelihoods.** In: "Les Produits de Terroir au Moyen-Orient" Conference IAMM and LAMES (Laboratoire d'Accueil Méditerranéen en Economie et Sciences Sociales). Montpellier, France January 24, 2008.
23. **The Edible Landscape.** In: Second series of Conferences on the Agro-Alimentary System, Pollenzo University, Italy December 19, 2007.

Documentary films

Warsheh! A 40 minutes documentary on the life of the Syrian women farm workers in the Bekaa plain, Lebanon. Directed by Lucile Garçon, co-produced by Rami Zurayk

Extension Booklets, Papers and Leaflets

Authored by R. Zurayk

1. Moussa, Z. and **Zurayk, R.** 2003. Organic Farming. American University of Beirut, USDA and Mercy Corps. (Arabic). 14pp.
2. Moussa, Z. and **Zurayk, R.** 2003. Fertilization Techniques in Organic Farming. American University of Beirut, USDA and Mercy Corps. (Arabic). 14pp.
3. Moussa, Z. and **Zurayk, R.** 2003. Sustainable Agriculture. American University of Beirut, USDA and Mercy Corps. (Arabic). 14pp.
4. Moussa, Z. and **Zurayk, R.** 2003. Forage Crops. American University of Beirut, USDA and Mercy Corps. (Arabic). 14pp.
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8. Dereix, C. A. Ohannessian-Charpin, Khouzami, M., Safi, S., **Zreik, R.**, El-Hanna, C. Hanna, K., El-Riachy, N., Habr, R.A., Munzer, M.H. and Fortunat, L. 1999. **Le Fascicule des Essences Forestières Du Liban.** Projet d'Assistance à la Protection de la Couverture Végétale au Liban. Union Européenne et Ministère de l'Agriculture. 65pp.
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