

Stephanie E. Galaitsi

WORK EXPERIENCE

- **Independent Consultant, affiliated with Tufts University, Somerville, MA**
Researcher | **June 2018 – present**
Research and data analysis for longitudinal water quality study in preparation for publication.
- **Stockholm Environment Institute, Somerville, MA**
Research Scientist – Water Group | **Mar 2014 – Jun 2018**
Research, watershed modeling in WEAP, GIS mapping, data entry and analysis, report writing, and user support in WEAP.
Intern – Water Group | **Mar 2013 – Mar 2014**
Programmed an agricultural model into Excel/VBA.
- **Joyce & Associates, Boston, MA**
Paralegal | **Jul 2008 – Jan 2011**
Worked with international clients preparing client documentation for cases before the US Citizenship and Immigration Services and the federal immigration court.

SKILLS

- **Computer Programs:** ArcGIS, QGIS, WEAP, Minitab (multi-variable statistical analysis), ENVI, Lindo, Camtasia, Microsoft Office: Word, Powerpoint, Excel (including VBA). Some experience with R. Apple and PC operating systems.
- **Languages:** Advanced French, Intermediate Standard Arabic and Syrian Arabic dialect, conversational modern Greek and written Spanish.

EDUCATION

- **Tufts University | Sep 2011 – Aug 2013**
Masters of Science - Environmental & Water Resources Engineering
Course work: Systems Modeling, Surface Water Quality Modeling, GIS, Remote Sensing, Fluid Mechanics, Hydrology, Industrial Ecology, Environmental Informatics.
Graduate Certificate: Water: Systems, Science and Society
Course work: Interdisciplinary seminars and a field project studying a refugee camp's bacterial water quality.
- **Tufts University | May 2010 – May 2011**
Post-Baccalaureate Certificate - Civil & Environmental Engineering
Course work: Environmental Engineering, Groundwater Hydrology, Chemistry.
- **Carleton College | Sep 2004 – Jun 2008**
Bachelor of Arts - History
Magna Cum Laude. Course work: History, Calculus, Computer Science, Political Science.

SELECTED PUBLICATIONS

- **Galaitis, S. E.**, Russell, R., Bishara, A., Durant, J. L., Bogle, J., & Huber-Lee, A. (2016). Intermittent domestic water supply: A critical review and analysis of causal-consequential pathways. *Water*, 8(7), 274.
- Forni, L. G., **Galaitis, S. E.**, Mehta, V. K., Escobar, M. I., Purkey, D.R., Depsky, N. J., & Lima, N. A. (2016). Exploring scientific information for policy making under deep uncertainty. *Environmental Modelling & Software*, 86, 232-247.
- Flores-López, F., **Galaitis, S. E.**, Escobar, M., & Purkey, D. (2016). Modeling of Andean Páramo Ecosystems' Hydrological Response to Environmental Change. *Water*, 8(3), 94.
- **Galaitis, S. E.**, Huber-Lee, A., Vogel, R. M., & Naumova, E. N. (2015). Using water insecurity to predict domestic water demand in the Palestinian West Bank. *Water International*, 40(4), 614-634. **Winner of Honorable Mention for Best Paper 2015, IWRA.**
- Skinner, D., **Galaitis, S.** (2015) Overcoming water scarcity and inequity in arid lands: Comparing water management in Australia and Israel. In *Australia and Israel: A Diasporic, Cultural and Political Relationship*. S. Burla and D. Lawrence, eds. Sussex Academic Press, East Sussex, UK.

SELECTED PRESENTATIONS

- **Tufts University, Water: Systems, Science and Society Symposium: Water in Humanitarian Emergencies | Apr 2018**
Using WEAP to bring stakeholders together and preempt negative impacts of drought.
- **UNDP Workshop: Assessment of Hydro-Ecological and Socio-Economic Systems of the Vjosa River, Tirana, Albania | Apr 2017**
Data inputs and results for the WEAP model of the Vjosa River, Albania (via video link).
- **Abu Dhabi Global Environmental Data Initiative (AGEDI) – National Symposium on Climate Change, Abu Dhabi, United Arab Emirates | Mar 2017**
National water-energy nexus and climate change (via video link).
- **American Geophysical Union, San Francisco, CA | Dec 2013**
Accounting for Water Insecurity in Modeling Domestic Water Demand (oral presentation).
- **Tufts University – Water Exiles: Confronting Scarcity in Two Palestinian Contexts, Medford, MA | Nov 2013**
Water in the West Bank.
- **6th World Water Forum, Marseille, France | Mar 2012**
Building an economics-based systems framework to optimize water allocation between Israel, Jordan, and the Palestinian Territories.

AWARDS

- **Honorable Mention, Best Paper 2015, International Water Resources Association (IWRA)**
Selection based on relevance, rigor, and impact.
- **Jack and Pauline Freeman Foundation Graduate Fellowship | Fall 2011 – Spring 2012**
For student research related to the protection of water supplies.