

## **José J. Hernández Ayala**

Ph.D. Student of Geography and Graduate Teaching Assistant, University of Florida

3126 Turlington Hall, P.O. Box 117315, Gainesville, FL 32611

(787) 243-4592 [javy3905@ufl.edu](mailto:javy3905@ufl.edu)

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### **Education**

2013	Certificate	University of Florida	Applied Atmospheric Sciences
2012	M.S	The University of Akron	Geographic Information Sciences
2010	B.A	University of Puerto Rico	Physical/Environmental Geography

### **Professional Experience**

Graduate Teaching Assistant – University of Florida, Physical Geography Lab (Fall 2012, 2013 and Spring 2013, 2014), Foundations of Geographic Information Systems (Summer 2013 and Summer 2014) and Extreme Weather (Fall 2014)

Graduate Teaching Assistant – The University of Akron, Introduction to Geography (Spring 2012) and Geography of Cultural Diversity (Fall 2011)

Graduate Research Assistant – The University of Akron, Research on GIS applications in Physical Geography 2010-2011

### **Refereed Publications**

Hernandez Ayala JJ. 2012. Spatial and Temporal Changes in Precipitation in Puerto Rico from 1956-2010. (Electronic Thesis or Dissertation). Retrieved from <https://etd.ohiolink.edu/>

### **Manuscripts in review**

Hernandez Ayala JJ, Matyas CJ. 2014. Tropical cyclone rainfall over Puerto Rico and its relations to environmental and storm specific factors. *International Journal of Climatology*

### **Manuscripts on editing phase**

Hernandez Ayala JJ, Matyas CJ. 2015. Multiple Atmospheric Tele-connections Control of Rainfall in Puerto Rico.

Hernandez Ayala JJ, Matyas CJ. 2015. Spatial Climatology of Tropical Cyclone rainfall over Puerto Rico.

### **Presentations**

Hernandez Ayala JJ. 2013 Spatial climatology of rainfall associated with tropical cyclones for the island of Puerto Rico, delivered at the *Association of American Geographers Annual Meeting*, April 11, Los Angeles, CA.

Hernandez Ayala JJ. 2014. Multiple Atmospheric Tele-connections Control of Rainfall in Puerto Rico, will be deliver at the *Association of American Geographers Annual Meeting*, April 08, Tampa, FL.

Hernandez Ayala JJ. 2014. Tropical cyclone rainfall over Puerto Rico and its relations to environmental and storm specific factors, delivered at the Southeastern Division of the Association of American Geographers Meeting, November 24, Athens, GA.

### **Courses Taught**

GEO 3350:100 Introduction to Geography (Spring 2012) The University of Akron

GEO 3350: 272 Geography of Cultural Diversity (Fall 2011) The University of Akron

GEO 2200L Physical Geography Lab (Fall 2012, Spring, 2013, Fall 2013 and Spring 2014)  
University of Florida

GIS 3043 Foundations of Geographic Information Systems (Summer 2013) University of Florida

GEO 2242 Extreme Weather (Fall 2104) University of Florida

### **Awards**

2010 Summa cum Laude Student Award (4.0 GPA) University of Puerto Rico

2012 Social, Behavioral and Economic Science Scholarship National Science Foundation

### **Professional Activities**

Association of American Geographers (AAG) 2012 – present

Climate Specialty Group of the AAG 2012 – present

Geographic Information Systems of the AAG 2012 – present

American Geophysical Union (AGU) 2014- present

Southeastern Division of the Association of American Geographers (SEDAAG) 2013 – present