

MIKE PSARIS

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EDUCATION

M.S. Candidate Geography, Portland State University, Portland, OR 2011 – March 2014

- President of Friends of Geography Club 2012 – 2013
- Received the Courtney Fellowship and the Rockie Scholarship
- Relevant Coursework: Geographic Information Systems II: Advanced, GIS Programming, Introduction to Remote Sensing, Cartographic Applications for GIS.

GIS Certificate, Portland State University, Portland, OR 2010 – 2013

B.A., Physics, Gettysburg College, Gettysburg, PA 2000 – 2004

COMPETENCIES

ESRI's ArcGIS, Python (ArcPy), R Statistical Package, MS Excel, Adobe Illustrator, PowerPoint, SWAT Watershed Model

PUBLICATIONS

Heejun Chang & **Mike Psaris** ([2013](#)): Local Landscape Predictors of Maximum Stream Temperature and Thermal Sensitivity in the Columbia River Basin, USA, *Science of the Total Environment*.

Heejun Chang, Il-Won Jung, Angela Strecker, Daniel Wise, Martin Lafrenz, Vivek Shandas, Hamid Moradkhani, Alan Yeakley, Yangdong Pan, Robert Bean, Gunnar Johnson & **Mike Psaris** ([2013](#)): Water Supply, Demand, and Quality Indicators for Assessing the Spatial Distribution of Water Resource Vulnerability in the Columbia River Basin, *Atmosphere-Ocean*, DOI:10.1080/07055900.2013.777896

PRESENTATIONS

Mike Psaris, Wes Hoyer, Heejun Chang, Tammy Winfield & John Lambrinos (2013, Poster): Hydrologic Modeling of Urbanizing Oregon Basins for Water-Related Ecosystem Service Assessment using SWAT. *American Geophysical Union, Annual Meeting*.

Mike Psaris & Heejun Chang (2012, Paper): Hydrologic Landscape Factors Affecting the Relationship Between Air and Stream Temperature. *Association of American Geographers, Annual Meeting*.

WORK HISTORY

Research Assistant

Center for Spatial Analysis and Research
Geography Dept., Portland State University, Portland, OR August 2013 – Present

- Developed maps of the Alagnak River for an ethnography report on the Yupik people.
- Digitized and performed GIS Analysis on roads and destination data for the Mt. Baker-Snoqualmie National Forest Sustainable Roads [Project](#).

Research Assistant

Geography Dept., Portland State University, Portland, OR July 2010 – Present

- Conducted GIS and statistical analysis for a study investigating the landscape controls on stream temperature.
- Constructed a watershed model of two basins in Northwest Oregon for a study investigating future trends in stream flow and water quality.

- Used hydrologic and climate data to develop statistical models of stream temperature for tributaries of 13 dams throughout the Willamette River Basin.

Student Internship

United States Forest Service, Portland, OR

June 2012 – Aug 2012

- Used Trimble GPS hand-held devices to collect precise locations of plots in the Pringle Falls Experimental Forest.

Customer Service Representative

REI - Recreational Equipment Inc., Portland, OR

Sept 2010 – Sept 2011

REI - Recreational Equipment Inc., Santa Ana, CA

Nov 2007 – Sept 2010

EKG Technician

Anaheim Regional Medical Center, Anaheim, CA

April 2008 – Sept 2010

Radiology Front Office Clerk

Anaheim Regional Medical Center, Anaheim, CA

Mar 2006 – April 2008