

Daryoosh Ardalan

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Education

Master in Urban Regional Planning- University of Colorado Denver, May 2012,
Dean's List Honors

Certificate in Geospatial Information Science- University of Colorado Denver, Dec. 2009

Bachelor of Arts Sociology- University of Colorado Boulder, May 2008

Work Experience

2013-2014 Consultant, *Ardalan and Associates Consulting*, Boulder, CO, Land Use Consulting, Sustainability Consulting, Risk Assessment. Offering a range of geodesign and spatial analysis services to understand sustainability issues in land use and urban planning.

Projects:The Walkability Indicator, Winter 2012-2013

Yunnan Arts University Collaboration, Summer 2011 and 2012

Las Cruces Off Highway Vehicle Recreation Management, Winter 2009

May, 2009-Present, Researcher, Urban Futures Lab. College of Architecture and Planning. University of Colorado Denver/Boulder. Activities involved all phases of research and project management including conceptual design, project management, report writing, report editing, cartography, spatial analysis, geospatial data collection, management and distribution, web development, video editing, interviewing, comment analysis, statistical analysis and presentation. Lab clients and collaborators included BLM, USFS, Yunnan Arts University, Las Cruces Metropolitan Planning Office, Denver Regional Council of Governments and the City of Boulder. Interacted extensively with personnel within these and other agencies.

Projects: Comparative Research on Urban Growth in Chinese and U.S. Cities 2013-2014

City of Boulder Sustainability Indicator Collaboration 2012-2013

Urban Futures Lab Urban Heat Analysis Summer 2012,

NASA Green Infrastructure Phenology Proposal Winter 2010

Las Cruces Off-Highway Vehicle Recreation Management Winter 2009

Western Oregon Plan Revision (WOPR) Fall 2009

John Day Basin Resource Management Plan Summer 2008

BLM Upper Snake Field Office and University of Idaho Visitor Project Winter 2008.

Teaching Experience

May 2014 Co-Instructor, Geodesign Studio, University of Naples Federico II, Naples, Italy. "Geodesign and Urban Morphology in Naples, Italy" Two week course introducing geodesign theory and technique by implementing an indicator assessment of urban form and green infrastructure. Tasks: course design, material development, lecturing, student interaction and assessment.

June 2013 Co-Instructor, Geodesign Studio, Yunnan Arts University, Kunming, China "Adaptability Analysis and Future Development Planning of Xiazhuang Village and Surrounding Area In Chenggong County, Kunming City, Yunnan Province, China" Two week course continuation of spatial assessment of Xiazhuang Village. Tasks: course design, field work, material development, lecturing and student interaction.

June 2012 Co-Instructor, Geodesign Studio, Yunnan Arts University, Kunming, China "Adaptability Analysis and Future Development Planning of Xiazhuang Village and Surrounding Area In Chenggong County, Kunming City, Yunnan Province, China" Two week course introducing spatial assessment in urban planning. Tasks: course development, field work, lecturing, student interaction and assessment.

January – May 2012 Teaching Assistant, ENVD 3300 Praxis Studio, University of Colorado Boulder, Boulder, CO. "City of Boulder-University of Colorado Sustainability Assessment Project" Semester collaboration between City of Boulder and University of Colorado culminating in a symposium discussion between students, faculty, city planners, designers and other representatives of the city. Tasks: course development, technical analysis, student interaction and city collaboration.

2010-2011 Teaching Assistant, Introduction to GIS, University of Colorado Boulder, Boulder, CO. Involved in course design, teaching material development, data collection, data preparation, assignment creation and grading for two single semester courses during the time period.

Publications

Ardalan, D. (2013) Kandi Technologies: Exceptional Strategy for China from an Urban Planning View *Seeking Alpha* www.seekingalpha.com

Ardalan, D. (2013) Kandi Technologies' Visionary Urban Model *Seeking Alpha* www.seekingalpha.com

Ardalan, D. and T. Kaburagi. (expected publication December 2014) The Walkability Indicator: a case study of Boulder, CO. *International Journal of Environmental Sustainability*. Champaign. IL

Ardalan, D. (2010) Estimating OHV Trip Generation Using GIS. Urban Futures Lab. <http://landusefutures.colorado.edu/estimatingrecohv.doc>

Work in Progress

Muller, B. and D. Ardalan. (2013) "Infill and intensification in China and the US: a morphological comparison of four cities" Urban futures lab. University of Colorado Denver

Presentations and Lectures

Muller, B. and D. Ardalan. "Infill and Intensification in China and the US: a morphological comparison of four cities" International Association for China Planning Conference, Shanghai, China. June 21, 2013.

Ardalan D. and T. Kaburagi. "GIS and Geodesign" Guest Lecture. Toyo University, College of Architecture. Saitama, Japan. January 29, 2013

Ardalan, D. and T. Kaburagi. "The Walkability Indicator: a case study of Boulder, CO" 2013 *International Conference on Sustainability*. Hiroshima, Japan. January 23, 2013

Ardalan, D. and Christy H. "Urban Heat Indicator" *City of Boulder and University of Colorado, Urban Environmental Design: Integrating Natural and Built Systems*. Boulder, CO. April 20, 2012

Volunteer Experience

2011-Present Sakura Project. Planting and bi-annual maintenance of ~100 cherry trees in Martin Park and Scott Carpenter Park in Boulder, CO. Advisor: Minori Murata in participation with City of Boulder Parks and Recreation.

Winter 2012 Developed a procedure for native Buffelgrass data collection. Provided spatial analysis and map preparation using GIS. Location: Big Bend National Park, TX. Advisor: Bill Windsor Pawnee Butte Seed Company

Technical Skills

GIS Software- ESRI ArcGIS v.9 and v.10 including primary extensions, Google Earth and Map Applications, SketchUp 3D Modeler, ENVI

Database Management- SQL, Javascript, HTML, CSS, KML

Open Source- Web 2.0, PostGreSQL and Access, UMN Mapserver, Openlayers, OpenStreetMap, Quantum GIS

Statistics- SPSS, R and Fragstats

Software- Adobe Creative Suite