

# DAMON SATHER

4814 N. Damen Ave, #309  
 Chicago, IL 60625  
 612.270.1645 Mobile  
 773.271.2291 Home  
 dndsather@yahoo.com

<p><b>Profile</b></p>	<p>Eleven years of extensive GIS and geospatial technology experience. Proficient in spatial analysis and cartography using the ESRI Suite of products (ArcGIS, ArcView 3.x, ArcIMS, ARC/INFO 7.xx) and Erdas Imagine.</p>
<p><b>GIS Competencies</b></p>	<ul style="list-style-type: none"> <li>• ArcGIS 8.x and 9.x</li> <li>• ArcView 3.xx and Command line &amp; UNIX ARC/INFO 7.xx</li> <li>• ESRI extensions including Modelbuilder, GRID, Spatial Analyst, 3D Analyst, ArcScene, Network Analyst and ArcEdit</li> <li>• Erdas Imagine and Leica Photogrammetry Suite</li> <li>• ArcIMS ESRI Certification, University of Minnesota MapServer</li> <li>• Development of ESRI Geodatabases and usage of topology rules</li> <li>• Preparation of FGDC compliant metadata</li> <li>• CADD Data Conversion</li> </ul>
<p><b>Technical Skills</b></p>	<ul style="list-style-type: none"> <li>• Microsoft Access, Excel, PowerPoint; Adobe Illustrator and Photoshop</li> <li>• Windows, Macintosh and Sun Solaris UNIX operating systems</li> <li>• ArcObjects, AML, Avenue, KML and VBA programming language familiarity</li> </ul>
<p><b>Experience</b></p>	<p><b>Rand McNally, Skokie, IL</b>  <i>Data Development Analyst, 2008 – Present</i></p> <ul style="list-style-type: none"> <li>• Spatial data quality specialist for print and online products.</li> <li>• Lead points-of-interest processing, updating coordinates, display classes and duplicates for print, navigational device and travel website content</li> <li>• POI data QA/QC for new Truck Navigation Device product</li> <li>• Edit relief and hydrographic data, create annotation and research &amp; prepare thematic data for Goodes World Atlas maps</li> <li>• Editing of annotation and data of Mid-Scale Road Atlas conversion project</li> </ul> <p><b>Metropolitan Planning Commission, Chicago, IL</b>  <i>GIS Consultant, 2009 – Present</i></p> <ul style="list-style-type: none"> <li>• Manage GIS analysis and spatial data creation for potential transportation, development and open space project locations</li> <li>• ArcGIS Geodatabase design for organization-wide spatial datasets</li> </ul> <p><b>SRF Consulting Group, Minneapolis, MN</b>  <i>GIS Analyst II, 2007 – 2008</i></p> <ul style="list-style-type: none"> <li>• Created prompt, high-quality maps and figures for Transit and Transportation Planning, Urban Planning, Intelligent Transportation Systems, Traffic Engineering and other transportation and urban development related projects</li> <li>• Developed, converted and organized large transportation, boundary, parcel and land use spatial datasets in addition to Access and Dbase databases</li> <li>• Projects included corridor studies, county transportation models, traffic forecasting, transit planning, local municipality comprehensive growth plans, rail feasibility studies and environmental constraints mapping</li> </ul>

	<p><b>United States Fish and Wildlife Service, Fort Snelling, MN</b>  <i>Geographer/Cartographer, 2006 – 2007</i></p> <ul style="list-style-type: none"> <li>Completed a multi-variable habitat suitability analysis for lake sturgeon, modeling channel gradient and substrate using ArcGIS 9.2 and Modelbuilder</li> <li>Led region-wide watershed health analyses</li> <li>Created model for georeferencing, mapping and analyzing origin/destination duck banding data with ESRI ArcGIS Modelbuilder</li> </ul> <p><i>GIS/Bio Technician, 2004 – 2006</i></p> <ul style="list-style-type: none"> <li>Georeferenced, orthorectified and developed mosaics of aerial photography and mapping of USFWS refuges</li> <li>Troubleshooting on-board GPS/GIS and data preparation for aerial photographic flight missions</li> <li>Created and maintained geodatabases according to USFWS topology regulations</li> </ul> <p><b>University of Minnesota, Department of Epidemiology, Minneapolis, MN</b>  <i>GIS Research Assistant, 2003 – 2004</i></p> <ul style="list-style-type: none"> <li>Served as Chief GIS Analyst for cigarette study; analyzed correlations between product pricing at retail outlets and block level demographics of surrounding areas</li> </ul> <p><b>Pacific States Marine Fisheries Commission, Seattle, WA</b>  <i>GIS Analyst, 2002</i></p> <ul style="list-style-type: none"> <li>Led Salmonid Watershed Analysis Model (SWAM) project, an ArcView custom extension and predictive tool for analyzing factors that influence salmon abundance</li> <li>Managed all phases of compiling, converting, creating and documenting relevant geospatial datasets (DEMs, coverages, shapefiles and GRIDs) of salmon habitat</li> </ul> <p><b>United States Geological Survey, Golden, CO</b>  <i>GIS Specialist, 2000 – 2002</i></p> <ul style="list-style-type: none"> <li>Gathered, converted, edited and analyzed spatial data to produce maps for USGS Geologic Hazards Team projects and publications</li> <li>Created 2 x 1 degree quadrangle maps and an ArcIMS project showing quaternary faults in the United States for digital display</li> </ul> <p><i>GIS Technician, 1998 – 1999</i></p> <ul style="list-style-type: none"> <li>Produced geologic maps using ArcView, ARC/INFO, and Adobe Illustrator published in the <i>Northern Great Plains and Rocky Mountain Region Coal Assessment</i></li> </ul>
<p><b>Education</b></p>	<p><b>University of Minnesota, Minneapolis, MN</b>  <i>Masters in Geographic Information Science, 2007</i>  <i>Graduate Certificate in Transportation Studies, 2007</i></p> <p><b>University of Denver, Denver, CO</b>  <i>Graduate Program in Geography, 1997 – 1999</i>  <i>Concentration in GIS and Transportation</i></p> <p><b>Hamline University, St. Paul, MN</b>  <i>Bachelor of Arts, Political Science, 1989 – 1993</i>  <i>Minor in Business Management</i></p>

<b>Publications</b>	<p><i>USGS Earthquake Hazards Program</i> Fault Maps-Static; <a href="http://earthquake.usgs.gov/regional/qfaults/usmap.php">http://earthquake.usgs.gov/regional/qfaults/usmap.php</a> ArcIMS Interactive Fault Map; <a href="http://gldims.cr.usgs.gov/qfault">http://gldims.cr.usgs.gov/qfault</a></p> <p><i>USGS Hurricane Mitch Program Data</i> Hurricane Mitch El Salvador Landslide maps; <a href="http://mitchnts1.cr.usgs.gov/data/landslide.html">http://mitchnts1.cr.usgs.gov/data/landslide.html</a></p>
<b>Interests</b>	<ul style="list-style-type: none"><li>• Conversational in Spanish</li><li>• Licensed private pilot</li><li>• Independent, extensive global travel including Africa, Asia, Australia, Europe, Latin America, Middle East, South Pacific and United States</li></ul>