

CONTACT INFORMATION	<p>SCA 216, Geodesy Lab  School of Geosciences  University of South Florida  4202 E. Fowler Ave, Tampa, FL 33620, USA</p> <p><i>E-mail:</i> suruixie@mail.usf.edu</p>
RESEARCH INTERESTS	<p>Space and terrestrial geodesy, slip rates of active faults, tidewater glacier dynamics.</p>
EDUCATION	<p><b>University of South Florida</b>, Tampa, Florida, USA</p> <p>Ph.D. Student, Geology, August 2014 –</p> <ul style="list-style-type: none"> <li>• Advisor: Timothy H. Dixon, Rocco Malservisi (co-advisor)</li> </ul> <p><b>Wuhan University</b>, Wuhan, Hubei, China</p> <p>M.E., Geodesy and Survey Engineering, June, 2014</p> <ul style="list-style-type: none"> <li>• Thesis: Current crustal movements in Antarctica from GPS measurements</li> <li>• Advisor: Fei Li</li> </ul> <p>B.E. (Outstanding graduate), Geodesy and Geomatics Engineering, June, 2011</p> <ul style="list-style-type: none"> <li>• Thesis: Orbit integrator design for a Martian probe</li> <li>• Advisor: Fei Li</li> </ul>
HONORS AND AWARDS	<p>Travel grant to attend 2016 IGS Symposium, La Jolla, CA, USA, 2016.</p> <p>Tharp Scholarship, University of South Florida, 2015, 2016.</p> <p>Travel award to attend GAMIT/GLOBK/TRACK Short Course at UNAVCO HQ, Boulder, CO, USA, 2015.</p> <p>Chinese National Scholarship, 2009</p>
RESEARCH EXPERIENCE	<p><b>Geochronology Laboratory at the University of Cincinnati</b>, Cincinnati, Ohio, USA</p> <p><i>Visiting Student</i> <b>Summer 2015, Summer 2016</b></p> <p>Terrestrial cosmogenic nuclide surface exposure age dating.</p> <p><b>The 28<sup>th</sup> Chinese National Antarctic Research Expedition</b>, Zhongshan Station, Antarctica</p> <p><i>Geodesist</i> <b>Nov, 2011 – Jan, 2013</b></p> <p>Geodetic surveying and mapping, tide gauge calibration and maintenance.</p>
COMPUTER SKILLS	<ul style="list-style-type: none"> <li>• Programming languages: Python, Fortran, C++, Matlab, Shell</li> <li>• Software packages: GMT, GAMIT/GLOBK/TRACK, L<sup>A</sup>T<sub>E</sub>X, Gnuplot</li> </ul>
LANGUAGES	<p>Chinese (native), English (fluent)</p>
PUBLICATIONS	<p><b>Xie S</b> et al. (in prep) A new geological slip rate estimate for the Calico fault, eastern California: Implications for geodetic versus geologic rate estimates in the Eastern California Shear Zone.</p> <p><b>Xie S</b>, Dixon TH, Voytenko D, Holland DM, Holland D, Zheng T (2016) Precursor motion to iceberg calving at Jakobshavn Isbræ, Greenland, observed with terrestrial radar interferometry. <i>J. Glaciol.</i>, <b>62</b>(236), 1134–1142, doi:10.1017/jog.2016.104.</p>

CONFERENCE  
PRESENTATIONS

**Xie S**, Wetmore PH, Owen LA, Gallant E, Dixon TH. Evidence for a high slip rate of the Calico fault in the Eastern California Shear Zone. Fall Meeting of the American Geophysical Union, San Francisco, CA, USA, 2016. (**Oral**)

Gallant E, Dixon TH, **Xie S**, Connor C, Armondo Saballos J, Connor L, Myhre D. Terrestrial Radar Survey of Momotombo Volcano, Nicaragua. Fall Meeting of the American Geophysical Union, San Francisco, CA, USA, 2016. (**Poster**)

**Xie S**, Dixon TH, Voytenko D, Holland DM, Holland D, Zheng T. Precursor motion to iceberg calving at Jakobshavn Isbræ, Greenland, observed with terrestrial radar interferometry. International Symposium on Interactions of Ice Sheets and Glaciers with the Ocean, La Jolla, CA, USA, 2016. (**Oral**)

**Xie S**, Voytenko D, Holland DM, Dixon TH. Calving and velocity variations observed by Terrestrial Radar Interferometry at Jakobshavn Isbræ, Greenland, in 2015. Fall Meeting of the American Geophysical Union, San Francisco, CA, USA, 2015. (**Poster**)