

CONTACT INFORMATION	SCA 216, Geodesy Lab School of Geosciences University of South Florida 4202 E. Fowler Ave, Tampa, FL 33620, USA	<i>Telephone:</i> +1-813-335-9027 <i>E-mail:</i> suruixie@mail.usf.edu
RESEARCH INTERESTS	Space and terrestrial geodesy, slip rates of active faults, tidewater glacier dynamics.	
EDUCATION	University of South Florida , Tampa, Florida, USA Ph.D. Student, Geology, May 2018 (expected) <ul style="list-style-type: none"> • Advisor: Timothy H. Dixon, Rocco Malservisi (co-advisor) Wuhan University , Wuhan, Hubei, China M.E., Geodesy and Survey Engineering, June, 2014 <ul style="list-style-type: none"> • Thesis: Current crustal movements in Antarctica from GPS measurements • Advisor: Fei Li B.E. (Outstanding graduate), Geodesy and Geomatics Engineering, June, 2011 <ul style="list-style-type: none"> • Thesis: Orbit integrator design for a Martian probe • Advisor: Fei Li 	
HONORS AND AWARDS	Travel grant to attend 2016 IGS Symposium, La Jolla, CA, USA, 2016. Sharp Scholarship, University of South Florida, 2015, 2016. Travel award to attend GAMIT/GLOBK/TRACK Short Course at UNAVCO HQ, Boulder, CO, USA, 2015. Chinese National Scholarship, 2009	
RESEARCH EXPERIENCE	Geochronology Laboratory at the University of Cincinnati , Cincinnati, Ohio, USA <i>Visiting Student</i> Summer 2015, Summer 2016 Terrestrial cosmogenic nuclide surface exposure age dating. The 28th Chinese National Antarctic Research Expedition , Zhongshan Station, Antarctica <i>Geodesist</i> Nov, 2011 – Jan, 2013 Geodetic surveying and mapping, tide gauge calibration and maintenance.	
COMPUTER SKILLS	<ul style="list-style-type: none"> • Programming languages: Python, Fortran, C++, Matlab, Shell • Software packages: GMT, GAMIT/GLOBK/TRACK, L^AT_EX, Gnuplot 	
LANGUAGES	Chinese (native), English (fluent)	
PUBLICATIONS	Xie S 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. Xie S , 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> , 62 (236), 1134–1142, doi:10.1017/jog.2016.104. (front cover article)	

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**)