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Education

Tufts University	Civil and Geology	BSCE	1983
Stanford University	Civil and Structural Engineering	MSc	1984
University of Colorado, Boulder	Geophysics	PhD	2000

Professional Experience

2015-present	Professor & Director, ESOC	CIRES & Dept. of Geological Sciences University of Colorado, Boulder
2003-2015	Assistant/Associate/Professor	Dept. of Earth Sciences Western University, Canada
2010-2011	Visiting Scholar	Universidad Complutense Madrid, Spain
2000-2003	Research Associate	CIRES, University of Colorado, Boulder
1984-1994	Senior/Project Engineer	U.S. Army Corps of Engineers New England Division

Selected Publications

Samsonov, S.V., Tiampo, K.F., Cassotto, R. SAR-derived flow velocity and its link to glacier surface elevation change and mass balance, *Remote Sensing of the Environment (RSE)*, accepted February 2021.

Jacquemart, M., Loso, M., Leopold, M., Berthier, E., Welty, E., Hansen, J.S.S., Sykes, J., Tiampo, K. Does climate change increase the likelihood of large-scale glacier detachments? Insights from Flat Creek Glacier, St. Elias Mountains, Alaska, *Geology*, doi:10.1130/G47211.1, 2020.

Tiampo, K.F., McGinnis, S., Kropivnitskaya, Y., Qin, J., Bauer, M.A. Big data challenges and hazards modelling, invited chapter, *Risk Modeling for Hazards and Disasters*, ed. G. Michel, doi:10.1016/B978-0-12-804071-3.00007-0, 2018.

Tiampo, K.F., González, P.J. Samsonov, S., Fernández, J., Camacho, A., Principal component analysis of MSBAS DInSAR time series from Campi Flegrei, Italy, *Journal of Volcanology and Geothermal Research*, doi:10.1016/j.jvolgeores.2017.03.004, 2017.

Atkinson, G.M., Eaton, D., Ghofrani, H., Walker, D., Cheadle, B., Schultz, R., Shcherbakov, R., Tiampo, K., Gu, J., Harrington, R., Liu, Y., van der Baan, M., Kao, H. Hydraulic fracturing and seismicity in the Western Canada Sedimentary Basin, *Seismological Research Letters*, doi:10.1785/0220150263, 2016.

Shirzaie, M., Ellsworth, W., Tiampo, K., González, P., Manga, M. Surface uplift and time-dependent seismic hazard due to fluid-injection in eastern Texas, *Science*, doi:10.1126/science.aag0262, 2016.

Samsonov, S., d'Oreye, N., González, P., Tiampo, K., Ertolahti, L., Clague, J.J. Rapidly accelerating subsidence in the Greater Vancouver region from two decades of ERS-ENVISAT-RADARSAT-2 DInSAR measurements, *RSE*, doi:10.1016/j.rse.2013.12.017, 2014.

Samsonov, S.V., Tiampo, K.F., Camacho, A., Fernández, J., González, P.J. Spatiotemporal analysis and interpretation of 1993-2013 ground deformation at Campi Flegrei, Italy, observed by advanced DInSAR, *Geophysical Research Letters (GRL)*, doi:10.1002/2014GL061307, 2014.

Tiampo, K.F., González, P.J., Samsonov, S., Results for aseismic creep on the Hayward fault using polarization persistent scatterer InSAR, *EPSL*, doi:10.1016/j.epsl.2013.02.019, 2013.

González, P.J., Tiampo, K.F., Palano, M., Cannavó, F., Fernández, J., The 2011 Lorca earthquake slip distribution controlled by groundwater crustal unloading, *Nature Geo.*, doi:10.1038/ngeo1610, 2012.

Samsonov, S. and Tiampo, K. Polarization phase difference analysis for selection of persistent scatterers in SAR interferometry, *IEEE GRSL*, doi:10.1109/LGRS.2010.2072904, 8, 331-335, 2011.