IDENTIFYING INFORMATION:

NAME: West, Michael

ORCID iD: https://orcid.org/0000-0003-4855-9295

POSITION TITLE: Research Professor & Director, Alaska Earthquake Center

PRIMARY ORGANIZATION AND LOCATION: University of Alaska Fairbanks, Fairbanks, Alaska, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
New Mexico State University, Las Cruces, NM, United States	Postdoctoral Fellow	11/2001 - 09/2004	Geophysics
Columbia University, New York, NY, United States	PHD	09/2001	Earth and Environmental Science
Columbia University, New York, NY, United States	MS	09/1998	Earth and Environmental Science
Colorado College, Colorado Springs, CO, United States	BA	05/1993	Physics

Appointments and Positions

2018 - present Research Professor & Director, Alaska Earthquake Center, University of Alaska Fairbanks, Fairbanks, Alaska, United States

2012 - present State Seismologist, Alaska Earthquake Center, Fairbanks, AK, U.S.

2012 - 2018 Research Associate Professor, University of Alaska Fairbanks, Fairbanks, AK, U.S.

2004 - 2011 Research Assistant Professor, University of Alaska Fairbanks, Fairbanks, AK, U.S.

2001 - 2004 Postdoctoral Fellow, New Mexico State University, Las Cruces, NM, U.S.

2001 - 2001 Postdoctoral Fellow, Columbia University, New York, NY, U.S.

1996 - 2001 Graduate Research Assistant, Columbia University, New York, NY, U.S.

Products

Products Most Closely Related to the Proposed Project

1. Karasozen E, West ME. Toward the Rapid Seismic Assessment of Landslides in Coastal Alaska. The Seismic Record. 2024 February 09; 4(1):43-51. Available from: https://doi.org/10.1785/0320230044
2. Ruppert NA, West MW. The Impact of USArray on Earthquake Monitoring in Alaska. Seismological Research Letters. 2020; 91(2A):601-610. Available from: https://pubs.geoscienceworld.org/ssa/srl/article/91/2A/601/574572/The-Impact-of-USArray-on-Earthquake-Monitoring-in DOI: 10.1785/0220190227

3. Grapenthin R, West ME, Freymueller J. The Utility of GNSS for Earthquake Early Warning in Regions with Sparse Seismic Networks. The bulletin of the Seismological Society of America : BSSA. 2017; 107(4):1883-1890. Available from: https://pubs.geoscienceworld.org/ssa/bssa/article/107/4/1883/354069/The-Utility-of-GNSS-for-Earthquake-Early-Warning DOI: 10.1785/0120160317
4. West ME, Bender A, Gardine M, Gardine L, Gately K, Haeussler P, Hassan W, Meyer F, Richards C, Ruppert N, Tape C, Thornley J, Witter R. The 30 November 2018 Mw 7.1 Anchorage Earthquake. Seismological Research Letters. 2020; 91(1):66-84. Available from: https://pubs.geoscienceworld.org/ssa/srl/article/91/1/66/574259/The-30-November-2018-Mw-7-1-Anchorage-Earthquake DOI: 10.1785/0220190176
5. Kharita A, Denolle M, West M. Discrimination between icequakes and earthquakes in southern Alaska: an exploration of waveform features using Random Forest algorithm. Geophysical Journal International. 2024 May 01; 237(2):1189-1207. Available from: https://doi.org/10.1093/gji/ggae106 DOI: 10.1093/gji/ggae106

Other Significant Products, Whether or Not Related to the Proposed Project

1. Quigley C, West M. The Seismic Record of Wind in Alaska. Bulletin of the Seismological Society of America. 2023 October 24. Available from: https://doi.org/10.1785/0120230097 DOI: 10.1785/0120230097
2. Grapenthin R, West M, Tape C, Gardine M, Freymueller J. Single-Frequency Instantaneous GNSS Velocities Resolve Dynamic Ground Motion of the 2016 Mw M w 7.1 Iniskin, Alaska, Earthquake. Seismological Research Letters. 2018 April 11; 89(3):1040-1048. Available from: https://pubs.geoscienceworld.org/ssa/srl/article/89/3/1040/530132/Single-Frequency-Instantaneous-GNSS-Velocities DOI: 10.1785/0220170235
3. Bartholomaus TC, Larsen CF, O"Neel S, West ME. Calving seismicity from iceberg–sea surface interactions. Journal of Geophysical Research: Earth Surface. 2012 December 22; 117(F4). Available from: https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2012JF002513 DOI: 10.1029/2012JF002513
4. West M, Sánchez JJ, McNutt SR. Periodically triggered seismicity at Mount Wrangell, Alaska, after the Sumatra earthquake. Science. 2005 May 20;308(5725):1144-6. PubMed PMID: 15905395.
5. Schaefer L, Coe J, Wikstrom Jones K, Collins B, Staley D, West M, Karasozen E, Miles C, Wolken G, Daanen R, Baxstrom K. Kinematic Evolution of a Large Paraglacial Landslide in the Barry Arm Fjord of Alaska. Journal of Geophysical Research: Earth Surface. 2023 November /; 128(11):e2023JF007119. Available from: https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2023JF007119 DOI: 10.1029/2023JF007119

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to information related to domestic and foreign appointments and positions.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment

program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by West, Michael in SciENcv on 2025-04-25 18:56:54