

Refereed Journal and Book Articles

- Glenn, N.F., Streutker, D., Chadwick, D.J., and Thackray, G.D., (submitted) Correlations between landslide morphology and surficial motion utilizing LiDAR. *Geomorphology*
- Glenn, N.F., Wheeler, D.S., Thackray, G.D., and Link, P.K. (in review). Remote Sensing and Geographic Information Systems for Predicting Surficial Processes after Wildfires. *Environmental and Engineering Geoscience*.
- Chadwick, D.J., Glenn, N.F., Thackray, G.D., and Dorsch, S.J. (accepted) Landslide surveillance: new tools for an old problem. Submitted to *EOS, Transactions of the American Geophysical Union*.
- Thackray, G.D., and Shulmeister, J. (submitted). Evidence for expanded glaciation in the Lower Takaka Valley, New Zealand: Geomorphic signals and climatic implications. Submitted to *Geomorphology*.
- Chadwick, D.J., Dorsch, S.J., Thackray, G.D., Glenn, N.F., and Shilling, K. (accepted). Application of Multi-Temporal High Resolution Imagery and GPS in a Study of the Motion of a Canyon Rim Landslide. submitted to *Journal of Photogrammetry and Remote Sensing*.
- Wiens, D., Allphin, L., Mansfield, D., and Thackray, G.D. (in press) Loss of reproductive capacity in *Dedeckera* revisited. *Aviso, Journal of the Rancho Santa Ana Botanic Gardens*.
- Thackray, G.D., Lundeen, K.A., and Borgert, J.A. 2004. Latest Pleistocene alpine glacier advances in the Sawtooth Mountains, Idaho, USA: reflections of midlatitude moisture transport at the close of the last glaciation. *Geology* 32(3): 225-228.
- Mark, L.E., and Thackray, G.D. 2002. Sedimentologic and hydrologic characterization of surficial sedimentary facies in the Big Lost trough, Idaho National Engineering and Environmental Laboratory, eastern Idaho. *in*, Link, P.K., and Mink, L.L., eds., *Geology, Hydrogeology and Environmental Remediation*, Idaho National Engineering and Environmental Laboratory, Eastern Snake River Plain, Idaho. Geological Society of America Special Paper 353, p. 61-75.
- Gianniny, G.L., Thackray, G.D., Kaufman, D.S., Forman, S.L., Sherbondy, M.J., and Findeisen, D., 2002. Late Quaternary highstands in the Mud Lake and Big Lost trough sub-basins of Lake Terreton, Idaho. *in*, Link, P.K., and Mink, L.L., eds., *Geology, Hydrogeology and Environmental Remediation*, Idaho National Engineering and Environmental Laboratory, Eastern Snake River Plain, Idaho. Geological Society of America Special Paper 353, p. 77-90.
- Thackray, G.D. 2001. Extensive early and middle Wisconsin glaciation on the western Olympic Peninsula, Washington, and the variability of Pacific Moisture delivery to the Pacific Northwest. *Quaternary Research*, 55: 257-270.
- Thackray, G.D. 1998. Convergent-margin deformation of Pleistocene strata on the Olympic coast of Washington, USA, *in* Stewart, I.S. and C. Vita-Finzi, eds., *Coastal Tectonics*, Geological Society of London Special Publication 146, p. 199-211.
- Bestland, E.A., G.D. Thackray, and G.J. Retallack. 1995. Cycles of doming and eruption of the Miocene Kisingiri volcano, southwest Kenya. *Journal of Geology*, 103: 598-607.
- Thackray, G.D. 1994. Fossil nest of sweat bees (Halictinae) from a Miocene paleosol, Rusinga Island, western Kenya. *Journal of Paleontology*, 68:795-800.

Guidebooks and Guidebook Articles

- Thackray, G.D., Lundeen, K.A., and Borgert, J.A. 2004. Late Pleistocene alpine glaciation in the southeastern Sawtooth Mountains, Idaho: moraine characteristics, sediment coring, and paleoclimatic inferences, *in* Haller, K.M., and Wood, S.H., eds. *Geological Field Trips in Southern Idaho, Eastern Oregon, and Northern Nevada*. U.S. Geological Survey Open File Report 2004-xxxx.
- Thackray, G.D., Lundeen, K.A., and Borgert, J.A. 2003. Late Pleistocene Alpine Glaciation In The Southeastern Sawtooth Mountains, Idaho: Moraine Characteristics, Sediment Coring, And Paleoclimatic Inferences, *in* Pierce, J., ed, *Guidebook for the Friends of the Pleistocene Rocky Mountain Cell field conference*.
- Pazzaglia, F.J., Thackray, G.D., Brandon, M.T., Wegmann, K.W., Gosse, J., McDonald, E., Garcia, A.F., and Prothero, D., 2003, Tectonic geomorphology and the record of Quaternary plate boundary deformation in the Olympic Mountains, *in* Swanson, T.W., ed., *Western Cordillera and adjacent areas*. Boulder, Colorado, Geological Society of America Field Guide 4, p. x to xx.
- Flint, M.E.T., Meldrum, D.J., and Thackray, G.D. (in review). Depositional environments and paleontology of a Pleistocene vertebrate fauna from the Power County Landfill, southeastern Idaho. Submitted for Akersten, W.A. and others, eds. *Papers on the Vertebrate Paleontology of Idaho*. Idaho Museum of Natural History Occasional Paper.
- Hughes, S.S., and Thackray, G.D., eds. (1999). *Guidebook to the Geology of Eastern Idaho*. Special Publication of the

- Idaho Museum of Natural History, 342 p.
- Borgert, J.A., Lundeen, K.A., and Thackray, G.D. (1999) Glaciation of the southeastern Sawtooth Mountains, central Idaho, *in* Hughes, S.S., and Thackray, G.D., eds. Guidebook to the Geology of Eastern Idaho. Special Publication of the Idaho Museum of Natural History, p. 205-217.
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- Thackray, G.D and F.J. Pazzaglia. 1996. Quaternary Glaciation and Tectonism on the Western Olympic Peninsula, Washington. Guidebook for the Friends of the Pleistocene, Third Annual Pacific Northwest Cell Field Conference.
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Instructional materials

- Thackray, G.D., 2005. Instructor's Manual with Tests to accompany Introduction to Environmental Geology, 3rd Edition (Keller). Prentice-Hall, Upper Saddle River, New Jersey, 136 p.
- Thackray, G.D., 2002. Instructor's Manual to accompany Introduction to Environmental Geology, 2nd Edition (Keller). Prentice-Hall, Upper Saddle River, New Jersey, 90 p.
- Thackray, G.D., 2002. Test Item File to accompany Introduction to Environmental Geology, 2nd Edition (Keller). Prentice-Hall, Upper Saddle River, New Jersey, 92 p.

Conference Abstracts and Proceedings

- Thackray, G.D., and Bestland, E.A. 1988. Volcanic cycles of doming and eruption recorded in Miocene volcanoclastic deposits, Rusinga Island, southwestern Kenya (abstract). *Geological Society of America, Abstracts with Programs* 20(3):237.
- Thackray, G.D. 1989. Fossil nest of Miocene sweat bees (Halictinae) from Rusinga Island, southwestern Kenya (abstract). *Geological Society of America, Abstracts with Programs* 21(5):150.
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- Thackray, G.D. 1994. Extensive Early Wisconsin (Stage 4) Glaciation on the western Olympic Peninsula, Washington (abstract). *Abstracts for the American Quaternary Association, 14th Biennial Meeting*, Minneapolis, Minnesota, p. 167.
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- Gianniny, G.L., Geslin, J.K., Riesterer, J., Link, P.K., and Thackray, G.D. 1997. Quaternary and Holocene surficial sediments of the Test Area North (TAN) area, northeastern Snake River Plain: an actualistic guide to aquifer characterization. *Proceedings of the 32nd Symposium on Engineering Geology and Soils Engineering*, 29-44.
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- Gianniny, G.L. and G.D. Thackray. 1997. Lacustrine sedimentation and paleoclimate, Pleistocene-Holocene Lake Terreton, northeastern Snake River Plain, Idaho (abstract). *Geological Society of America, Abstracts with Programs* 29(6):437.
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- Thackray, G.D. 1999. Pacific moisture delivery and the variability of alpine glacier chronologies in western North America (abstract). *Geological Society of America Abstracts with Programs* 31(4): 58.
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- Shulmeister, J., Thackray, G., Fink, D., and Augustinus, P.C. 2002. Geomorphic Evidence for Piedmont Glaciation in N. W. Nelson, New Zealand, at the Last Glacial Maximum (abstract). Annual meeting of the Australia New Zealand Geomorphology Group, Kalgoorlie, Western Australia
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- Chadwick, J., Thackray, G., Dorsch, S., and Sklar, J., 2003, Use of GPS and Interferometric SAR for Monitoring a Large Landslide in South-central Idaho. Proceedings of the 30th International Symposium on Remote Sensing of Environment, 2003, 4 p.
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Wheeler, D.S., Glenn, N.F., Thackray, G.D., and Link, P.K., 2004. Evaluation of post-wildfire susceptibility to landslide hazards using remote sensing and GIS in the Salmon-Challis National Forest, Lemhi County, Idaho.(extended abstract). Proceedings of the 39th Symposium on Engineering Geology and Geotechnical Engineering, 359-373.

N. F. Glenn, D. R. Streutker, D. J. Chadwick, G. D. Thackray and S. J. Dorsch, "Analysis of LiDAR-Derived Topographic Information for Characterizing and Differentiating Landslide Morphology and Activity," *Geomorphology*, Vol. 73, No. 1-2, 2006, pp. 131-148. <http://dx.doi.org/10.1016/j.geomorph.2005.07.006>. has been cited by the following article: TITLE: Validation of High-Density Airborne LiDAR-Based Feature Extraction Using Very High Resolution Optical Remote Sensing Data. AUTHORS: Shridhar D. Jawak, Satej N. Panditrao, Alvarinho J. Luis. KEYWORDS: LiDAR; WorldView-2; Feature Extraction. JOURN...