ANDREW LATHROP MOORE

Professor of Geology
Department of Earth and Environmental Science
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EDUCATION

Ph.D., Department of Geological Sciences, **University of Washington** **1999**
Dissertation: *Combined use of clast-size measurements and wave-tank experiments to estimate Pleistocene tsunami size at Molokai, Hawaii*
Advisor: Dr. Brian F. Atwater

M.S., Department of Geological Sciences, **University of Washington** **1994**
Thesis: *Evidence for a Tsunami in Puget Sound 1000 Years Ago*
Advisors: Dr. Joanne Bourgeois and Dr. Brian F. Atwater

B.A., *Cum Laude*, Department of Geology, **Carleton College** **1990**
Thesis: *Shell Detritus as a Paleocurrent Indicator: a Modern Example from the Gaspé Peninsula, Quebec*
Advisor: Dr. Audrey Massa
Graduated with distinction in Geology

ADMINISTRATIVE APPOINTMENTS

Convenor (similar to a department chair—convenorship rotates every 3 years) 2008-2011; 2018-2021; 2024-
Department of Earth and Environmental Science (Geology until 2021), Earlham College, Richmond, IN

- Successfully preserved a faculty line following a surprise departure from the department. Mentored new faculty in a one-year visiting line and was successful in getting them hired permanently at another university. I'm currently mentoring a more permanent faculty colleague and have convinced another to come back to the department after a year's leave-of-absence (2024)
- Administered budget for department, including our endowed funds. I also write proposals to offset some of our departmental spending, including $16,000 from the Borman Foundation (2019 & 2021) and $7,200 in equipment from UNAVCO (2019).
- Led our department's 5-year review process (2021).
- Changed departmental name to include Environmental Science (2021) and will help develop new majors within our enlarged framework.
- Brought an NSF-sponsored workshop on building strong geoscience departments to Earlham (2010). We used the results of this workshop to rewrite our major (2011) and to develop assessable departmental learning goals years before they became required at Earlham.

Associate Academic Dean **2015-2016**
Earlham College, Richmond, IN

- Served as the Academic Dean's auxiliary as a one-year replacement while the AAD was on fellowship leave. I convened our college's Assessment and Accreditation Committee, and served on the

Curricular Policy Committee, the Professional Development Fund, the Admissions and Financial Aid Advisory Committee, and the Student Conduct Council.
- Worked closely with the Registrar to implement policies envisioned by the committees on which I served.
- Acted as a primary link between teaching faculty and the administration, explaining administrative decisions to teaching faculty, and bringing faculty needs and concerns to the administration.

Assistant Dean of the Third and Fourth Year **2014-2015**
Earlham College, Richmond, IN
- Served as Earlham's inaugural third-fourth year class dean, tasked with helping students transition from college to career.
- Worked directly with juniors and seniors to increase Earlham's career placement and graduation success rate.

ACADEMIC APPOINTMENTS

Professor **2019-**
Department of Geology, Earlham College, Richmond, IN
- Developed new curriculum in high-resolution GPS and sUAS mapping. This has been supported by two UNAVCO grants to attend short courses about these emerging technologies, and most recently by an invitation to become part of the first cohort of undergraduate institutions receiving instructional and instrumental support from UNAVCO.
- Partnered with the Western Science Center (Hemet, CA) to use GPS and sUAS for fossil prospecting. We were able to help the museum find new fossils in locations that had been prospected for over 40 years.
- Led a semester-long abroad program to New Zealand. I used the opportunity to expand that programs slate of internships, including using sUAS to map invasive species in a local park.
- Developed classes for Earlham's first-year writing seminars.
- Began new research in Nova Scotia, working with Earlham undergraduates in partnership with colleagues at Dalhousie University and the University of Louisiana to determine the frequency and magnitude of coastal storms along the Nova Scotia coastline.
- Partnered with USGS and local government to study the fate of sediment trapped behind a small dam in Richmond, IN. This research was developed to handle limitations to travel imposed because of Covid-19 and will supplement existing research ties in Nova Scotia.
- Continued to serve on Earlham's Faculty Affairs Committee, Early Alert, and as one of our new faculty Board Liaisons, with an expanded role over the former Observer. I'm also serving on Earlham's Ombuds Council and served as one of Earlham's three academic misconduct hearing officers. I also served for about five years as one of Earlham's "super advisors," tasked with advising all students at an advising help desk, at the request of the Registrar's Office.

Associate Professor **2011-2019**
Department of Geology, Earlham College, Richmond, IN
- Wrote a $50k seed grant to the Luce Foundation to develop curriculum on societal resiliency and natural hazards.
- Developed new classes in *Planetary Surface Processes* and *Risk and Resilience*.
- Partnered with Spanish faculty to reinvigorate Earlham's 3-week May Term walking the Camino de Santiago, and with Library faculty to develop a pre-semester 1st year program walking the South

West Coast Path in Cornwall. As part of our Cornwall planning, I also worked to develop programming for first-generation college students at Earlham.
- Led a semester-long abroad program to Morioka, Japan. I used this opportunity to return Earlham to Tanohata, a seaside town we'd partnered with for several years about 20 years ago. Tanohata was hit hard by the 2011 tsunami; I was able to get our students placed in a local school and to hold an English Camp for middle school students still displaced by the tsunami.
- Undertook research on a 1000-year-old Indian Ocean tsunami in partnership with colleagues from the University of Aberdeen and the University of Dar es Salaam. This collaboration resulted in two undergraduate students traveling to Tanzania for fieldwork (both of whom now work as professional geologists), but also in both Aberdeen colleagues finding permanent employment in North America (as they had been seeking).
- Served on Earlham's Faculty Affairs Committee, as one of our faculty's Board Observers, and continued to serve on Early Alert, a program designed to identify and help students at risk of failing before they actually do.

Assistant Professor **2007-2011**

Department of Geology, Earlham College, Richmond, IN

- Taught *Physical Geology*, *Oceanography*, *Earth History*, *Sedimentology*, *Earth Surface Processes*, *Hydrology* and *Geohazards*.
- Initiated research projects in Hokkaido and Okinawa with undergraduates in partnership with Hokkaido University, Tohoku University, and the United States Geological Survey.
- Served on Earlham's Curricular Policy Committee, Early Alert, and as one of Earlham's representatives to the Great Lakes College Association

Assistant Professor **2002-2007**

Department of Geology, Kent State University, Kent, OH

- Taught *Environmental Geology*, *Oceanography*, *Coastal Processes*, *Field Geology*, *Fluvial Sediment Transport* and *Hydrology*.
- Continued research on sedimentation by tsunamis and storms, both modern (2006 Java, 2004 Indian Ocean, Hurricane Katrina) and ancient (prehistoric tsunamis in Sumatra, ancient storms along the Gulf Coast, 1929 Grand Banks tsunami).
- Served as my department's representative to the College Curriculum Committee, and as our Graduate Advisor.

Visiting Professor **2005**

Institute of Seismology and Volcanology, Hokkaido University, Sapporo, Japan

- Investigated a sequence of seven tsunami deposits extending up to 2 km inland over the past 3,500 years to determine size and source of waves.

講師 (Lecturer) **2001**

Department of Civil Engineering, Tohoku University, Sendai, Japan

- Taught seminars on research paper composition and technical English
- Continued research on estimating the size of the 1771 Meiwa tsunami in Okinawa, and sediment post-depositional processes following the 1999 Vanuatu tsunami.
- Served as part of my department's admissions committee, and as part of the reception committee, especially for foreign visitors.

Postdoctoral Researcher **1999-2001**

Disaster Control Research Center, Tohoku University, Sendai, Japan

- Studied tsunami deposits in Okinawa and Hokkaido to determine the size of historic and prehistoric tsunamis in Japan
- Performed wave-tank experiments to clarify the relationship between grain-size trends and tsunami size, and determine the distribution of force from an incoming tsunami
- Studied tsunami deposition and runup from the 26 November 1999 tsunami in Vanuatu

Instructor **1998**

Department of Civil Engineering, University of Washington, Seattle, WA

- Taught *Fluvial Sediment Transport* to senior engineering majors
- Increased field and laboratory exposure to a class with a strong math component.

Lecturer **1997**

Department of Geology, North Seattle Community College, Seattle, WA

- Co-taught summer course *Introduction to Geology* for non-science majors with Dr. Tracy Furutani.
- Substituted for Dr. Furutani as needed in his classes, 1997-98.

Research Assistant **1995-1996**

Departments of Geological Sciences and Civil Engineering, University of Washington

- Constructed 50-foot long wave tank at the Harris Hydraulic Facility
- Researched advection of gravel-sized particles by tsunamis

Researcher **1995**

National Institute for Resources and the Environment, Tsukuba, Japan

- Adapted existing computer model for use as a tsunami simulation and used the model to evaluate several different scenarios for the 1000-year-old tsunami in Puget Sound
- Designed a finite difference model for the same tsunami to run on a spreadsheet

Geologist (GS-7) **1991-1992**

United States Geological Survey, Seattle, WA

- Documented sedimentological evidence for a tsunami in Puget Sound 1000 years ago
- Used the grain size of the sediment to estimate the size of the tsunami.

Teaching Assistant **1990-1997**

Department of Geological Sciences, University of Washington, Seattle, WA

- Developed and taught labs in *Physical Geology*, *Great Ice Ages*, *Evolution of the Earth*, *Geology of the Pacific Northwest*, *Depositional Environments*, *Stratigraphy*, and *Field Geology.*

HONORS AND AWARDS

2011 Earlham College's baccalaureate speaker, chosen by consensus of the Class of 2011 (Earlham has no awards for teaching or any other aspect of our work; the closest thing we have is the chosen baccalaureate speaker. I was the first scientist chosen in anyone's memory.)
2004 Glenn Frank departmental award for outstanding teaching, Kent State University
1998 Goodspeed departmental fellowship for teaching excellence, University of Washington
1998 NSF International Postdoctoral Fellowship to Japan
1998 USGS Coastal and Marine Geology Mendenhall Postdoctoral Fellowship (declined in favor of NSF fellowship above)
1995 Summer Institute attendee, National Science Foundation Japan Program

GRANTS

2023 *Bringing geophysics to introductory science classes*, EarthScope, travel and support
2021 *VibeCore Mini core sampler for use in student-faculty collaborative research*, Borman Foundation, $8,148
2019 Proposal to join first cohort of undergraduate institutions to receive UNAVCO field support in undergraduate classes, UNAVCO, travel and support
2019 *Coastal hazard stratigraphy in Nova Scotia*, Borman Foundation, $8,000
2018 *Using kinematic and static GPS in undergraduate courses*, UNAVCO, travel and support
2017 *Using high resolution topography, UAVs, and GPS in undergraduate education*, UNAVCO, travel and support
2014 *Teaching about risk and resilience: sea level rise, flooding, and earthquakes*, NAGT, travel and support
2013 *East Asia and the environment: resiliency in volatile surroundings*, Luce Foundation, $50,000
2012 *Teaching structural geology, geophysics, and tectonics in the 21st century*, NAGT, travel and support
2010 *Building strong geoscience departments traveling workshop*, NSF, travel and support
2008 *Teaching geomorphology in the 21st century*, NSF, travel and support
2007 *Direct observation of sediment transport during hurricanes*, Kent State Research Challenge, $46,400
2005 *Determining sedimentological and geomorphological effects of Hurricane Katrina on the Gulf Coast of the United States*, National Park Service, $30,000
2005 *Sedimentary deposits from the 1611(?) tsunami in Hokkaido, Japan*, University Research Council (Kent State), $3,500
2003 *Field geology studies in northwestern Wyoming and southeastern Idaho*, University Teaching Council (Kent State), $1,250
2002 *Sedimentary deposits from the 1929 Grand Banks tsunami*, Taylor's Bay, Newfoundland, University Research Council, $2,500

MEMBERSHIPS

Geological Society of America
Sigma Xi
Triple Nine Society

CERTIFICATIONS AND LICENSES

- Remote pilot, small unmanned aircraft systems, UAG (Part 107), Federal Aviation Administration
- Level 1 Qualified Data Collector, Ohio Department of Environmental Conservation
- Volunteer River Monitor, Hoosier Riverwatch
- General Mobile Radio Service license, Federal Communication Commission
- Open water diver, PADI

Publications
(* indicates undergraduate coauthor)

Journals:

Batubo, P., Morra, G., Oppo, D., and Moore, A., 2024, A medium-sized paleo-tsunami reconstruction by a deep neural network processing sedimentary deposits, **Earth and Space Science**, v. 11, e2023EA003216.

Maselli, V., Oppo, D., Moore, A., Gusman, A., Mtelela, C., Iacopini, D., Taviani, M., Mjema, E., Mulaya, E., Che, M.*, Tomioka, A.*, Mshiu, E., and Ortiz, J., 2020, A 1000-yr-old tsunami in the Indian Ocean points to greater risk for East Africa, **Geology**, v. 48, p. 808-813.

Jackson, K., Eberli, G., Amelung, F., McFadden, M., Moore, A., Rankey, E., and Jayasena, H., 2014, Holocene Indian Ocean tsunami history in Sri Lanka, **Geology**, v. 42, p. 859-862.

Moore, A., Goff, J., McAdoo, B., Fritz, H., Gusman, A., Kalligeris, N., Kalsum, K., Susanto, A., Suteja, D., Synolakis, C., 2011, Sedimentary deposits from the 17 July 2006 Western Java tsunami, Indonesia: use of grain size analyses to assess tsunami flow depth, speed, and traction carpet characteristics, **Pure and Applied Geophysics**, v. 168, p. 1951-1961.

McAdoo, B., Moore, A., and Baumwoll, J., 2009, Indigenous knowledge and the near field population response during the 2007 Solomon Islands tsunami, **Natural Hazards**, v. 48, p. 73-83.

McAdoo, B., Fritz, H., Jackson, K., Kalligeris, N., Kruger, J., Bonte-Grapentin, M., Moore, A., Rafiau, W., Billy, D., and Tiano, B., 2008, Solomon Islands tsunami: one year later, **Eos**, v. 89, p. 169-170.

Monecke, K., Finger, W., Klarer, D., Kongko, W., McAdoo, B., Moore, A., and Sudrajat, S., 2008, A 1,000-year sediment record of tsunami recurrence in northern Sumatra, **Nature**, v. 455, p. 1232-1234.

Fritz, H., Blount, C., Sokoloski, R., Singleton, J., Fuggle, A., McAdoo, B., Moore, A., Grass, C., and Tate, B., 2008, Hurricane Katrina storm surge reconnaissance, **The Journal of Geoenvironmental and Geotechnical Engineering**, v. 134, p. 644-656.

Moore, A., McAdoo, B., and Ruffman, A., 2007, Landward fining from multiple sources in a sand sheet deposited by the 1929 Grand Banks tsunami, Newfoundland, **Sedimentary Geology**, v. 200, p. 336-346.

Moore, A., 2007, Sedimentology of tsunami deposits, *in* **McGraw-Hill Yearbook of Science and Technology.**

González F.I., E. Bernard, P. Dunbar, E. Geist, B. Jaffe, U. Kanoglu, J. Locat, H. Mofjeld, A. Moore, C. Synolakis, and V. Titov. 2007. Scientific and Technical Issues in Tsunami Hazard Assessment of Nuclear Power Plant Sites. **NOAA Technical Memorandum OAR PMEL-136**, Pacific Marine Environmental Laboratory, Seattle, Washington.

Fritz, H., Kongko, W., Moore, A., McAdoo, B., Goff, J., Harbitz, C., Uslu, B., Kalligeris, N., Suteja, D., Kalsum, K., Titov, V., Gusman, A., Latief, H., Santoso, E., Sujoko, S., Djulkarnaen, D., Sunendar, H., and Synolakis, C., 2007, Extreme run-up from the 17 July 2006 Java tsunami, **Geophysical Research Letters,** v. 34, L12602, doi:10.1029/2007GL029404**.**

Fritz, H.M., Blount, C., Sokoloski, R., Singleton, J., Fuggle, A., McAdoo, B.G., Moore, A., Grass, C., and Tate, B., 2007, Hurricane Katrina storm surge distribution and field observations on the Mississippi Barrier Islands, **Estuarine, Coastal and Shelf Sciences**, 74(1-2):12-20, doi:10.1016/j.ecss.2007.03.015.

Peck, J., Mullen, A., Moore, A., and Rumschlag, J., 2007, The legacy sediment record within the Munroe Falls dam pool, Cuyahoga River, Summit County, Ohio, **Journal of Great Lakes Research**, v. 33, p. 127-141.

Jaffe, B.E., Borrero, J.C., Prasetya, G.S., Peters, R., McAdoo, B., Gelfenbaum, G., Morton, R., Ruggiero, P., Higman, B., Dengler, L., Hidayat, R., Kingsley, E., Kongko, W., Lukiyanto, Moore, A., Titov, V., and Yulianto, E., 2006, Northwest Sumatra and Offshore Islands Field Survey after the December 2004 Indian Ocean Tsunami, **Earthquake Spectra**, v. 22, n. S3, p. S105-S135.

Tsuji, Y., Tanioka, Y., Matsutomi, H., Nishimura, Y., Kamataki, T., Murakami, Y., Sakakiyama, T., Moore, A., Gelfenbaum, G., Nugroho, S., Waluyo, B., Sukanta, I., Triyono, R., and Namegaya, Y., 2006, Damage and height distribution of Sumatra Earthquake-tsunami of December 26, 2004, in Banda Aceh City and its environs, **Journal of Disaster Research**, v. 1, p. 103-116.

Moore, A., Nishimura, Y., Gelfenbaum, G., and Kamataki, T., 2006, Sedimentary deposits of the 26 December 2004 tsunami on the northwest coast of Aceh, Indonesia, **Earth, Planets, and Space,** v. 58, p. 253-258.

Atwater, B. F., Furukawa, R., Hemphill-Haley, E., Ikeda, Y., Kashima, K., Kawase, K., Kelsey, H.M., Moore, A.L., Nanayama, F., Nishimura, Y., Odagiri, N., Ota, Y., Park, S.-C., Satake, K., Sawai, Y., and Shimokawa, K., 2004, Seventeenth-century uplift in eastern Hokkaido, Japan, **The Holocene**, v. 14, p. 487-501. [Authors listed alphabetically].

Moore, A., 2003, Tsunami Deposits, *in* **Encyclopedia of Sedimentology and Sedimentary Rocks**, Gerald Middleton, ed., Kluwer Academic Press, Dordrecht, The Netherlands, 928 p.

Koshimura, S., Mofjeld, H., González, F., and Moore, A., 2002, Modeling the 1100 bp paleotsunami in Puget Sound, Washington, **Geophysics Research Letters**, v. 29(20), 1948, doi: 10.1029/2002GL015170

Imamura, F., Yoshida, I., and Moore, A., 2001, Numerical simulation of boulder movement by the 1771 Meiwa tsunami on Ishigakijima, **Japan Coastal Engineering Journal**, v. 48, p. 346-50.

Moore, A., Imamura, F., Yoshida, I., and Hayakawa, T., 2001, Reappraisal of the maximum runup of the 1771 Meiwa tsunami on Ishigakijima, **Tsunami Engineering**, v. 18, p. 53-60.

Imamura, F., Yoshida, I., and Moore, A., 2001, Numerical simulation of boulder movement by the 1771 Meiwa tsunami on Ishigakijima, **Tsunami Engineering**, v. 18, p. 61-72.

Caminade, J.P., D. Charlie, U. Kanoglu, S. Koshimura, H. Matsutomi, A. Moore, C. Ruscher, C. Synolakis, and T. Takahashi, 2001, Vanuatu survey data aids study of earthquake and tsunami, **Earth in Space**, v. 13, n. 8, p. 1-16. [I am the correspondence author on this paper; by agreement, authors are listed alphabetically].

Caminade, J.P., D. Charlie, U. Kanoglu, S. Koshimura, H. Matsutomi, A. Moore, C. Ruscher, C. Synolakis, and T. Takahashi, 2000, Vanuatu earthquake and tsunami cause much damage, few casualties, **Eos**, v. 81, n. 52, p. 641, 646-647. [I am the correspondence author on this paper; by agreement, authors are listed alphabetically].

Moore, Andrew L., 2000, Landward fining in onshore gravel as evidence for a late Pleistocene tsunami on Molokai, Hawaii, **Geology**, v. 28, p. 247-250.

Moore, James G., Wilfred B. Bryan, George Moore, Andy Moore, and Barbara Keating, 1997, Giant-wave deposits on Lanai and Molokai, **Guide to accompany GSA Cordilleran Section field trip to Lanai and Molokai**, May 28-29, 1997.

Imamura, F., D. Subandono, G. Watson, A. Moore, T. Takahashi, H. Matsutomi, R. Hidayat, and Y. Tsuji, 1997, The 1996 Irian Jaya earthquake, tsunami, and its damage, **Eos, Transactions of the American Geophysical Union**, v. 78, n. 19, p. 197, 201.

Atwater, B.F. and A.L. Moore, 1992, A tsunami about 1000 years ago in Puget Sound, Washington, **Science**, v. 258, p. 1614-1617.

Abstracts:
(* indicates undergraduate coauthor)

Ball, M.*, Gallagher, E.*, Hayes, S., Liu, K., Martin, G.*, and Moore, A., 2025, Geomorphic and hydrologic changes in the East Fork Whitewater River following low-head dam removal, Richmond, IN. **GSA Abstracts with Programs**, v. 57.

Liu, K.*, Doyle, A.*, Hayes, S., Huelskamp, M.*, and Moore, A., 2023, Coarse grain size and mobile sediment result in minimal contaminant storage behind low-head dam in Richmond, IN. **GSA Abstracts with Programs**, v. 55.

Ranasinghage, P., Ortiz, J., Moore, A., and Abillapitiya, T., 2022, Pre-2004 history of Indian Ocean trans basin tsunamis inferred from sedimentary records in Sri Lanka. **American Geophysical Union, Fall Meeting 2022.**

Stoneburg, B., Moore, A., Chong, K.*, Dooley, A., Dooley, B., Hayes, S., and Kersten, M.*, 2022, It's a bird, it's a plane, it's a brand new field site: using uncrewed aircraft systems (UAS) to discover and digitize fossil localities, **GSA Abstracts with Programs**, v. 54.

Radloff, G.*, Hayes, S., Liu, K.*, Moore, A., and Richardson, A.*, 2022, Legacy dam pool sediments less risky than assumed in a low-head dam in Richmond, IN, **GSA Abstracts with Programs**, v. 54.

Batubo, P., Oppo, D., Morra, G., and Moore, A., 2021, Inverse modelling of tsunami deposits using a deep-learning neural network: application to the 1929 Grand Banks tsunami deposits. **American Geophysical Union, Fall Meeting 2021.**

Maselli, V., Oppo, D., Moore, A., Gusman, A., Mtelela, C., Iacopini, D., Mshiu, E., Mjema, E., Taviani, M., and Ortiz, J., 2021, Historical evidence warns about disastrous tele-tsunami risk on the coast of East Africa, **European Geophysical Union General Assembly**.

Tomioka, A.*, Che, M.*, Maselli, V., Moore, A., and Oppo, D., 2018, SfM sediment flux estimation on a tidal delta near Mbweni, Tanzania, **GSA Abstracts with Programs**, v. 49.

Che, M.*, Maselli, V., Moore, A., Oppo, D., and Tomioka, A.*, 2018, Stratigraphy of a tidal delta near Mbweni, Tanzania, **GSA Abstracts with Programs**, v. 49.

Licht, K., Cope, T., Edmonds, D., Elliott, W., Fluegeman, R., and Moore, A., 2018, Use your neighbors wisely: sharing best practices in Sedimentary Geology, **GSA Abstracts with Programs**, v. 49.

Onaka, N., and Moore, A., 2015, Creating service learning opportunities with international partner institutions, **NAFSA: Association of International Educators Annual Meeting**, Boston, MA.

Delbecq, K.L.*, Moore, A.L., Marshall, E.W.*, Nishimura, Y., Nakamura, Y., Hirakawa, K., 2010. 3D mapping and sedimentary analysis of extensive tsunami deposits near Tokachi, Hokkaido, Japan. **American Geophysical Union, Fall Meeting 2010**, abstract id. EP21A-0741.

Moore, A., Marshall, K.*, and Myers, W.*, 2010, Unusual preservation of a tsunami deposit associated with the 1771 Meiwa tsunami, Okinawa, Japan, **GSA Abstracts with Programs**, v. 41.

Ranasinghe, N., Ortiz, J., Moore, A., and McAdoo, B., 2010, Sea level-related coastal changes in eastern and southeastern Sri Lanka, **GSA Abstracts with Programs**, v. 41.

Moore, A., 2009, Hydraulic inferences from sediments of the December 2004 Indian Ocean tsunami along the Sumatra coast of Indonesia, **Estimating the Recurrence Interval and Behavior of Tsunamis in the Indian Ocean via a Survey of Tsunami-related Sedimentation**, invited abstract to conference held March 18-19, 2009 in Tsukuba, Japan.

Delbecq, K.*, Nutter, W.*, Nishimura, Y., Nakamura, Y., Hirakawa, K., and Moore, A., 2008, Moderate tsunamis, great storms leave little sedimentary record on Tokachi coast, Hokkaido, Japan, **GSA Abstracts with Programs,** v. 40.

Nutter, W.*, Delbecq, K.*, Nishimura, Y., Nakamura, Y., Hirakawa, K., and Moore, A., 2008, Sedimentary evidence for great tsunamis near Tokachi, Hokkaido, Japan, **GSA Abstracts with Programs,** v. 40.

Moore, A.L. 2008, Sedimentary characteristics of tsunami deposits, **XX Biennial Meeting of the American Quaternary Association**, Penn State University, State College, PA, invited abstract.

Moore, A., McAdoo, B., and Ranasinghe, N., 2007, 2004 South Asia tsunami left little record of its trace near Yala, southeastern Sri Lanka, **Eos, Transactions of the American Geophysical Union**, v. 88, abstract OS31A-0168 invited.

Moore, A., Jackson, K., Kruger, J., McAdoo, B., Rafiau, B., Tiano, B., and Woodward, S., 2007, 2007 Solomon Islands Tsunami Left Little Sand Onshore, Buried Backshore Reefs, **Eos, Transactions of the American Geophysical Union**, v. 88, abstract OS13B-06 invited.

McAdoo, B., Moore, A., and Baumwoll, J., 2007, Near-Field Population Response During the 2 April 2007 Solomon Islands Tsunami, **Eos, Transactions of the American Geophysical Union**, v. 88, abstract S13A-1051.

Jackson, K., Amelung, F., Eberli, G., Jayasena, H., Kehelpannala, K., Moore, A., Peterson, L., Rankey, E., and Swart, P., 2007, Comparative sedimentology of recent and ancient tsunami deposits in Sri Lanka, **Eos, Transactions of the American Geophysical Union**, v. 88, abstract OS31A-0169.

Monecke, K., Finger, W., Kongko, W., McAdoo, B., Moore, A., and Sudrajat, S., 2007, A paleotsunami record from marshlands in West Aceh Province, Indonesia, **Eos, Transactions of the American Geophysical Union**, v. 88, abstract S24A-03 invited.

Moore, A., Goff, J., Kalsum, K.*, McAdoo, B., and Fritz, H., 2006, Sedimentation from the July 17th 2006 Java tsunami near Pangandaran, Indonesia, **Eos, Transactions of the American Geophysical Union**, v. 87, abstract OS43C-0684.

Monecke, K., Beitel, J., Moran, K., and Moore, A., 2006, Sedimentary characteristics of the 2004 Indian Ocean tsunami in Ban Talae Nok, southwestern Ranong province, Thailand, **Eos, Transactions of the American Geophysical Union**, v. 87, abstract PP43B-1240.

Gelfenbaum, G., Jaffe, B., Elias, E., Moore, A., Ruggiero, P., and Morton, R., 2006, Modeling tsunami sedimentation, **Eos, Transactions of the American Geophysical Union**, v. 87, abstract OS34C-04 invited.

Fritz, H., Goff, J., Harbitz, C., McAdoo, B., Moore, A., Latief, H., Kalligeris, N., Kodjo, W., Ulsu, B., Titov, V., and Synolakis, C., 2006, Survey of the July 17, 2006 Central Javan tsunami reveals 21m runup heights, **Eos, Transactions of the American Geophysical Union**, v. 87, abstract S14A-06.

Monecke, K., Finger, W., Kongko, W., McAdoo, B., Moore, A., and Sudrajat, S., 2006, Sedimentary characteristics of the December 2004 Indian Ocean tsunami deposit and the potential of a long tsunami record in the ridge and swale region between Meulaboh and Calang, northern Sumatra, **GSA Abstracts with Programs**, v. 38.

Dalal, M., Monecke, K., and Moore, A., 2006, Sedimentation from 2005 Hurricane Katrina on the Mississippi and Alabama Gulf Coast barrier islands, **GSA Abstracts with Programs**, v. 38.

Moore, A.L., McAdoo, B., and Dalal, M., 2006, Sedimentation from the 29 August 2005 landfall of Hurricane Katrina along the Gulf Coast, **GSA Abstracts with Programs**, v. 38, p. 28.

Moore, A., McAdoo, B., and Fritz, H., 2006, Sedimentary differences in near-source deposits of the 2004 South Asia tsunami and Hurricane Katrina, **Seismological Society of America Annual Meeting**, San Francisco, CA, April 18-22.

Jaffe, B., Borrero, J., Prasetya, G., Dengler, L., Gelfenbaum, G., Hidayat, R., Higman, B., Kingsley, E., Lukianto, McAdoo, B., Moore, A., Morton, R., Peters, R., Ruggiero, P., Titov, V., Kongko, W., Yulianto, E., 2005, Field Survey of the effects of the 26 December 2004 and 28 March 2005 Tsunamis and Earthquakes in Indonesia, **Transactions of the American Geophysical Union**. Abstract code 2005AGUFM.U14A..07J

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