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*Ph.D. Geology (minors in Civil Engineering & Water Resources), Oregon State University*

*M.A. Applied Economics, University of Michigan*

*B.S. Economics, US Air Force Academy, Distinguished Graduate*

### **Graduate Students and Theses Completed (short titles)**

Paul Bourke, MS, 2020: Hydrogeology and Rehabilitation of Santa Rita Spring, Guam

Kaylyn Bautista, MS, 2017: Vadose hydrology of Jinapsan Cave, Guam

Ida Shalilian, MS, 2017: Hydrogeology of the Finegayan Basin, Northern Guam Lens Aquifer

David Vann, MS, 2014: Basement Topography of the Northern Guam Lens Aquifer

Vivianna Bendixson, MS, 2013: Hydrologic Database of the Northern Guam Lens Aquifer

Christine Simard, MS, 2012: Salinity Trends and Patterns in the Northern Guam Lens Aquifer

Tomoko Bell, MS, 2011: Fifty-Year Climatic Record of Guam from Coral

Blaž Miklavič, MS, 2010 (w/John Mylroie, MSU): Pleistocene Sea-Level History of Guam

Ryan Bailey, MS, 2008: A Groundwater Model for Atoll Island Aquifers

Michelle Hoffman, MS, 2007: Fluorescence in Guam's Coastal Waters

Robert MacCracken, MS, 2006: Water Resources of Fais Island, Federated States of Micronesia

Curt Wexel, MS, 2006: Karst Features of Saipan

Monty Keel, MS, 2005 (w/John Mylroie, MSU): Karst Features of Rota

Kevin Stafford, MS, 2004 (w/John Mylroie, MSU): Karst Features of Tinian and Aguijan

David Moran, MS, 2002: Dye Trace of Harmon Sink, Guam

Mauryn McDonald, MS, 2001: Salinity on Guam Water Wells

Danko Taboroši, MS, 2000: Karst Inventory of Guam

John Jocson, MS, 1998: Recharge of the Northern Guam Lens Aquifer from a Modeling Study

### **Journal articles**

Carlson, P.E., Noronha, A.L., Banner, J.L., Jenson, J.W., Moore, M.W., Partin, J.W., Deininger, M., Breecker, D.O., Bautista, K.K. (2020). "Constraining speleothem oxygen isotope disequilibrium driven by rapid CO<sub>2</sub> degassing and calcite precipitation: Insights from monitoring and modeling," *Geochimica et Cosmochimica Acta*, 284: 222–238, doi.org/10.1016/j.gca. 2020.06.012

Beal, L.K., Wong, C.I., Bautista, K.K., Jenson, J.W., Banner, J.L., Lander, M.A., Gingerich, S.B., Partin, J.W., Hardt, B.F., van Oort, N.H. (2019). "Isotopic and geochemical assessment of the sensitivity of groundwater resources of Guam, Mariana Islands, to intra- and inter-annual variations in hydroclimate," *Journal of Hydrology* 568: 174-183, doi.org/10.1016/j.jhydrol. 2018.10.049

Gingerich, S.B., Johnson, A.G., Rosa, S.N., Marineau, M.D., Wright, S.A., Hay, L.E., Widlansky, M.J., Jenson, J.W., Wong, C.I., Banner, J.L., Keener, V.W., and Finucane, M.L. (2019). "Water resources on Guam—Potential impacts of and adaptive response to climate change," U.S. Geological Survey Scientific Investigations Report 2019–5095, 55 p., doi.org/10.3133/sir20195095.

Bell, T., Lander, M.A., Jenson, J.W., Randall, R.H., Partin, J.W., Prouty, N.G. (2019). A 50-Year Sr/Ca Time-Series from an Enclosed, Shallow-Water Guam Coral: *In situ* Monitoring and Extraction of a Temperature Trend, Annual Cycle, and ENSO and PDO Signals. *Journal of Coastal Research* 35(2): 269-286.

Norhana, A.L., Hardt, B.F., Banner, J.L., Jenson, J.W., Partin, J.W., James, E.W., Lander, M.A., and Bautista, K.K. (2017). "Trade Winds Drive Pronounced Seasonality in Carbonate Chemistry in a Tropical Western Pacific Island Cave—Implications for Speleothem Paleoclimatology," *Geochemistry, Geophysics, Geosystems*. 18(1): 384-399. doi 10.1002/2016GC006644.

Prouty, N.G., Storlazzi, C.D., McCutcheon, A.L. and Jenson, J.W. (2014). "Historic Impact of Watershed Change and Sedimentation to Reefs Along West-Central Guam." *Coral Reefs* May 18, 2014: doi 10.1007/s00338-00014-01166-x.

Taboroši, D., Jenson, J. and Stafford, K.W. (2014). "Artefatos Militares E Uso De Cavernas Durante a Segunda Guerra Mundial Nas Ilhas Marianas, Pacífico Oeste (World War II Artifacts and Wartime Use of Caves in the Mariana Islands, Western Pacific)." *Caderno de Geografia* 24(42): 218-231.

Habana, N.C., Heitz, L.F., Jenson, J.W. and Salvacion, J.L. (2013). "Vadocharge: Groundwater Recharge Model for an Uplifted Island Karst Aquifer, Guam, USA." *International Journal of Environmental Engineering Science and Technology Research* 1(8): 141-164.

Stafford, K.W., Taboroši, D. and Jenson, J.W. (2013). Caves and Karst Hydrology of the Mariana Islands. *Coastal Karst Landforms*. Lace, M.J. and Mylroie, J.E. Dordrecht, Springer. 5: 277-298.

Bailey, R.T. and Jenson, J.W. (2013). "Effects of Marine Overwash for Atoll Aquifers: Environmental and Human Factors." *Groundwater* 52(5): 694-704.

Rotzoll, K., Gingerich, S.B., Jenson, J.W. and El-Kadi, A.I. (2013). "Estimating Hydraulic Properties from Tidal Attenuation in the Northern Guam Lens Aquifer, Territory of Guam, USA." *Hydrogeology Journal* 21(3): 643-654.

Taborosi, D., Jenson, J.W. and Mylroie, J.E. (2013). "Field Observations of Coastal Discharge from an Uplifted Carbonate Island Aquifer, Northern Guam, Mariana Islands: A Descriptive Geomorphic and Hydrogeologic Perspective " *Journal of Coastal Research* 29(4): 926 – 943.

Bailey, R.T., Jenson, J.W. and Taboroši, D. (2013). "Estimating the Freshwater-Lens Thickness of Atoll Islands in the Federated States of Micronesia." *Hydrogeology Journal* 21(2): 441-457.

Miklavič, B., Mylroie, J.E., Jenson, J.W., Randall, R.H., Banner, J.L. and Partin, J.W. (2012). *Evidence of the Sea-Level Change since Mis 5e on Guam, Tropical West Pacific, in Onac, B.P., Fornos, J.J. (Eds.), Sea Level Changes into Mis 5: From Observations to Predictions, . Studia Universitatis Babeş-Boylai, Geologia (Special Issue 2012), Cluj-Napoca, Romania, Cluj University Press*

Partin, J.W., Jenson, J.W., Banner, J.L., Quinn, T.M., Taylor, F.W., Sinclair, D., Hardt, B.F., Lander, M.A., Bell, T., Miklavič, B., Jocson, J.M.U. and Taboroši, D. (2012). "Relationship between Modern Rainfall Variability, Cave Dripwater and Stalagmite Geochemistry in Guam, USA." *Geochemistry, Geophysics, Geosystems* 13(3): 1-17.

Sinclair, D., Banner, J.L., Taylor, F.W., Partin, J.W., Jenson, J.W., Mylroie, J.E., Goddard, E., Quinn, T.M., Jocson, J.M.U. and Miklavič, B. (2012). "Magnesium and Strontium Systematics in Tropical Speleothems from the Western Pacific." *Chemical Geology* 294-295: 1-17.

Desai, C.S., Sane, S. and Jenson, J.W. (2011). Constitutive Modeling Including Creep and Rate-Dependent Behavior, and Testing of Glacial Till for Prediction of Motion of Glaciers. *International Journal of Geomechanics, Special Issue: Material and Computer Modeling*. Desai, C.S., Zaman, M.M. and Singh, D.N. 11 465-476.

Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2010a). "Estimating the Ground Water Resources of Atoll Islands." *Water* 2: 1-27.

Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2009). "Numerical Modeling of Atoll Island Hydrogeology." *Groundwater* 47(2): 184-196.

Sane, S.M., Desai, C.S., Jenson, J.W., Contractor, D.S., Carlson, A.E. and Clark, P.U. (2008). "Disturbed State Constitutive Modeling of Two Pleistocene Tills." *Quaternary Science Reviews* 27: 267-283.

Carlson, A.E., Jenson, J.W. and Clark, P.U. (2007). "Modeling the Subglacial Hydrology of the James Lobe of the Laurentide Ice Sheet." *Quaternary Science Reviews*.

Taboroši, D., Jenson, J.W., Stafford, K.W. and Matsuzawa, R. (2007). "World War II Artifacts and Wartime Use of Caves in the Mariana Islands, Western Pacific." *Journal of the Speleological Society of Japan* 32: 42-53.

Jenson, J.W., Keel, T.M., Mylroie, J.R., Mylroie, J.E., Stafford, K.W., Taborosi, D. and Wexel, C. (2006). "Karst of the Mariana Islands: The Interaction of Tectonics, Glacio-Eustasy, Fresh-Water/Salt-Water Mixing in Island Carbonates." *Geological Society of America Special Paper* 404: 129-138.

Stafford, K.W., Mylroie, J.E., Taboroši, D., Jenson, J.W. and Mylroie, J.R. (2005). "Karst Development on Tinian, Commonwealth of the Northern Mariana Islands: Controls on Dissolution in Relation to the Carbonate Island Karst Model." *Journal of Cave and Karst Studies* 67(1): 14-27.

Taboroši, D., Jenson, J.W. and Mylroie, J.E. (2005). "Karst Features of Guam, Mariana Islands." *Micronesica* 38(1): 17-46.

Carlson, A.E., Jenson, J.W. and Clark, P.U. (2004). "Field Observations from the Tiskilwa Till, II, and Sky Pilot Till, Mb of the Laurentide Ice Sheet." *Geographie Physique et Quaternaire* 58: 229-239.

Stafford, K., Mylroie, J., Taboroši, D. and Jenson, J.W. (2004). "Eogenetic Karst Development on a Small, Tectonically Active, Carbonate Island: Aguijan, Mariana Islands: Cave and Karst Science." *Transactions of the British Cave Research Association* 31(3): 101-108.

Taboroši, D., Jenson, J.W. and Mylroie, J.M. (2004). "Karren Features in Island Karst: Guam, Mariana Islands." *Zeitschrift fur Geomorphologie* 48: 369-389.

Gamble, D.W., Taborosi, D., Mylroie, J.E., Jenson, J.W., Carew, J.L., Jocson, J.M.U., Mylroie, J. and Vann, D.T. (2003). "The Use of Water Temperature to Characterize Groundwater Discharge of a Coastal Fracture on Guam, U.S.A." *Journal of Coastal Research* 19(2): 462-471.

Taboroši, D., Jenson, J.W. and Mylroie, J.E. (2003). "Zones of Enhanced Dissolution and Associated Cave Morphology in an Uplifted Carbonate Island Karst Aquifer, Northern Guam, Mariana Islands." *Speleogenesis and Evolution of Karst Aquifers* 1(4): 16.

Jocson, J.M.U., Jenson, J.W. and Contractor, D.N. (2002). "Recharge and Aquifer Response: Northern Guam Lens Aquifer, Guam, Mariana Islands." *Journal of Hydrology* 260: 231-254.

Taboroši, D. and Jenson, J.W. (2002). "World War II Artefacts and Wartime Use of Caves in Guam, Mariana Islands." *Cave Archaeology and Palaeontology Archive CAPRA 4*, available at <http://www.shef.ac.uk/~capra>.

Mylroie, J.E., Jenson, J.W., Taborosi, D., Jocson, J.M.U., Vann, D.T. and Wexel, C. (2001). "Karst Features on Guam in Terms of a General Model of Carbonate Island Karst." *Journal of Cave and Karst Studies* 63(1): 9-22.

Mylroie, J.E. and Jenson, J.W. (2000a). "The Carbonate Island Karst Model Applied to Guam." *Theoretical and Applied Karstology* 13-14: 51-56.

Mylroie, J.R., Gamble, D.W., Taboroši, D.S., Jenson, J.W., Jocson, J.M.U. and Mylroie, J.E. (2000). "Air and Water Cave Temperature Variation in Three Cave Types in Guam, USA: Implications for Aquifer Characteristics." *Journal of Cave and Karst Studies* 62: 196-197.

Contractor, D.N. and Jenson, J.W. (2000). "Simulated Effect of Vadose Infiltration on Water Levels in the Northern Guam Lens Aquifer." *Journal of Hydrology* 229: 232-254.

Licciardi, J.M., Clark, P.U., Jenson, J.W. and MacAyeal, D.R. (1998). "Deglaciation of a Soft-Bedded Laurentide Ice Sheet." *Quaternary Science Reviews* 17: 427-448.

Clark, P.U., Licciardi, J.M., MacAyeal, D.R. and Jenson, J.W. (1997). "Numerical Reconstruction of a Soft-Bedded Laurentide Ice Sheet During the Last Glacial Maximum: Reply." *Geology* 25: 380-381.

Ho, C.L., Vela, J.C., Jenson, J.W. and Clark, P.U. (1996). "Evaluation of Long-Term Time-Rate Parameters of Subglacial Till." *ASCE Special Publication* 61: 122-136.

Clark, P.U., Licciardi, J.M., MacAyeal, D.R. and Jenson, J.W. (1996). "Numerical Reconstruction of the Laurentide Ice Sheet During the Last Glacial Maximum." *Geology* 24: 679-682.

McDonald, G.D., Clark, P.U., Bevis, K.A., Jenson, J.W., Hedlund, C., Patrick, M., Licciardi, J.M. and DesMarais, B.D. (1996, submitted). "Variations in Net Mass Balance for Collier Glacier, Cascade Range, Oregon, 1989-1994." *Journal of Glaciology*.

Jenson, J.W., MacAyeal, D.R., Clark, P.U., Ho, C.L. and Vela, J.C. (1996). "Numerical Modeling of Subglacial Sediment Deformation: Implications for the Behavior of the Lake Michigan Lobe, Laurentide Ice Sheet." *Journal of Geophysical Research* 101(B4): 8717-8728.

Jenson, J.W., Clark, P.U., MacAyeal, D.R., Ho, C.L. and Vela, J.C. (1995). "Numerical Modeling of Advective Transport of Saturated Deforming Sediment beneath the Lake Michigan Lobe, Laurentide Ice Sheet." *Geomorphology* 14: 157-166.

### **Technical reports**

Bourke, P., Jenson, J.W., Habana, N.C., Lander, M.A. (2020). "A Hydrogeologic Survey of Santa Rita Spring, Guam: Engineering and Design Recommendations for Rehabilitation," *WERI Technical Report No. 172*: 84.

Superales, D.V.G., Habana, N.C., Jenson, J.W. (2019). "Defining and Evaluating Production Capacity for the Northern Guam Lens Aquifer," *WERI Technical Report No. 170*: 57 p.

- Dougher, B., Habana, N.C., Jenson, J.W., Lander, M.A., Ho, K., Aguilar, G.C. (2019). "Dynamic Response of the Freshwater Lens to Natural Variations in Recharge, Northern Guam Lens Aquifer, Yigo-Tumon Basin," *WERI Technical Report No. 168*: 45 p.
- Bautista, K.K., Jenson, J.W. Lander, M.A. and Righetti, T. (2018). "Vadose Hydrology at Jinapsan Cave, Northern Guam," *WERI Technical Report No. 63*, Water and Environmental Research Institute of the Western Pacific, University of Guam, Mangilao, Guam, 130 p.
- Beikmann, A., Bailey, R.T., Jenson, J.W., Kottermair, M., Taborošī, D., Bendixson, V., Flowers, M., Jalandoni, A., B., M. and W., W. (2015). "Enough Water for Everyone? A Modeling Study of Freshwater Resources for Selected Atolls of Yap State, FSM," *WERI Technical Report No. 158*: online.
- Taborosi, D., Kottermair, M. and Jenson, J.W. (2015). "Enough Water for Everyone? A Field Study of Freshwater Resources on Ifalik and Eauripik Atolls, Yap State, FSM." *Technical Report No. 157*: online.
- Wallace, C.D., Bailey, R.T. and Jenson, J.W. (2015). "Atoll Island Freshwater Resources: Modeling, Analysis, and Optimization." *WERI Technical Report No. 155*: 147 p.
- McCutcheon, A.L., Raymundo, L.J., Jenson, J.W., Prouty, N.G., Lander, M.A. and Randall, R.H. (2015). "Testing the Strontium/Calcium Proxy for Sea Surface Temperature Reconstruction in the Coral *Porites Lutea*, in Guam, Micronesia." *UOGML Technical Report No. 159, WERI Technical Report 152*: 99.
- Vann, D.T., Bendixson, V.M., Roff, D.F., Simard, C.A., Schumann, R.M., Habana, N.C. and Jenson, J.W. (2014). "Topography of the Basement Rock beneath the Northern Guam Lens Aquifer and Its Implications for Groundwater Exploration and Development." *WERI Technical Report No. 142*: 71.
- Simard, C.A., Jenson, J.W., Lander, M.A. and Habana, N.C. (2014). "Analysis of Salinity in the Northern Guam Lens Aquifer." *WERI Technical Report No. 143*: 65.
- Bendixson, V.M. (2013). "The Northern Guam Lens Aquifer Database." *WERI Technical Report No. 141*: 45.
- Bell, T., Jenson, J.W., Lander, M.A., Randall, R.H., Partin, J.W., Hardt, B.F. and Banner, J.L. (2011). Coral and Speleothem *in Situ* Monitoring and Geochemical Analysis: Guam, Mariana Islands, USA. *WERI Technical Report No. 136*. Mangilao, Water & Environmental Research Institute of the Western Pacific, University of Guam.
- Bell, T., Endo, T., Jenson, J.W., Bell, R. and Lander, M.A. (2011). "Pneumatic Underwater Drill for Extracting Coral Cores." *WERI Technical Report No. 135*: 18.
- Bailey, R.T. and Jenson, J.W. (2011). "Groundwater Resources Analysis of Atoll Islands in the Federated States of Micronesia Using an Algebraic Model." *WERI Technical Report No. 134*: 29.
- Habana, N.C., Heitz, L.F., Olsen, A.E. and Jenson, J.W. (2009). "Vadose Flow Synthesis for the Northern Guam Lens Aquifer." *WERI Technical Report No. 127*.
- Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2008a). "An Atoll Freshwater Lens Algebraic Model for Groundwater Management in the Caroline Islands." *WERI Technical Report No. 120*.
- Bailey, R.T., Jenson, J.W., Rubinstein, D.H. and Olsen, A.E. (2008). "Groundwater Resources of Atoll Islands: Observations, Modeling, and Management." *WERI Technical Report No. 119*.

- Hoffman, S.M., Jenson, J.W., Moran, D.C., Denton, G.R.W., Wood, H.R. and Vacher, H.L. (2007). "Background Fluorescence in Guam's Coastal Waters." *WERI Technical Report No. 121*.
- Keel, T.M., Mylroie, J.E. and Jenson, J.W. (2007). "A Preliminary Report on the Sabana Watershed/Talakhaya Springs System, Rota (Luta), Cnmi." *WERI Technical Report No. 114*.
- MacCracken, R.S., Jenson, J.W., Heitz, L.F., Rubinstein, D.H. and Mylroie, J.E. (2007). "Water Resource Analysis of Fais Island, Federal States of Micronesia." *WERI Technical Report No. 111*.
- Keel, T.M., Mylroie, J.E. and Jenson, J.W. (2005). "The Caves and Karst of Rota Island, Commonwealth of the Northern Mariana Islands." *WERI Technical Report No. 107*.
- Stafford, K.W., Mylroie, J.E. and Jenson, J.W. (2004). "Karst Geology of Aguijan and Tinian, Cnmi Cave Inventory and Structural Analysis of Development." *WERI Technical Report No. 106*.
- Keel, T.M., Mylroie, J.E. and Jenson, J.W. (2004). "Preliminary Report on the Caves and Karst of Rota (Luta), Cnmi." *WERI Technical Report No. 105*.
- Taboroši, D., Jenson, J.W. and Mylroie, J.E. (2004). "Karst Features of Guam, Mariana Islands." *WERI Technical Report No. 104*.
- McDonald, M.Q. and Jenson, J.W. (2003a). "Chloride History and Trends of Water in Production Wells in the Northern Guam Lens Aquifer." *WERI Technical Report No. 98: ADD*.
- Moran, D.C. and Jenson, J.W. (2004). "Dry Trace of Groundwater from Guam International Airport and Harmon Sink to Agana Bay and Tumon Bay." *WERI Technical Report No. 97*.
- Stafford, K.W., Mylroie, J.E. and Jenson, J.W. (2002). "Karst Geology and Hydrology of Tinian and Rota (Luta), Cnmi: A Preliminary Report." *WERI Technical Report No. 96*.
- Lander, M.A., Jenson, J.W. and Beausoliel, C. (2001). "Responses of Well Water Levels on Northern Guam to Variations in Rainfall and Sea Level." *WERI Technical Report No. 94: 36*.
- Contractor, D.N. and Jenson, J.W. (1999a). "Simulated Effect of Vadose Infiltration on Water Levels in the Northern Guam Lens Aquifer." *WERI Technical Report No. 90*.
- Mylroie, J.E., Jenson, J.W., Jocson, J.M.U. and Lander, M. (1999). "Karst Geology and Hydrology of Guam: A Preliminary Report." *WERI Technical Report No. 89*.
- Jocson, J.M.U., Jenson, J.W. and Contractor, D.N. (1999a). "Numerical Modeling and Field Investigation of Infiltration, Recharge, and Discharge in the Northern Guam Lens Aquifer." *WERI Technical Report No. 88: 22*.
- Jenson, J.W. and Jocson, J.M.U. (1998). "Hydrologic Data Collection on Guam: Fy 1998 Report." *WERI Technical Report No. 83*.

### **Conference proceedings**

- Simard, C.A., Jenson, J.W. and Lander, M.A. (2015). *Analysis of Salinity in the Northern Guam Lens Aquifer*. Proceedings of the 16th Symposium on the Geology of the Bahamas and other Carbonate Regions, Gerace Research Center, San Salvador Island, Bahamas.
- Habana, N.C., Salvacion, J.L., Jenson, J.W. and Rouse, J.D. (2013). *Vadocharge-N: A Vadose Flow and N-Transport Simulation Model for the Northern Guam Lens Aquifer*. Conference: International Conference on Sustainable Environmental Technologies, Pasay City, Manila, Philippines.

Miklavič, B., Mylroie, J.E., Jenson, J.W., Randall, R.H., N.Z., L. and Taboroši, D. (2012). Denudation of Eogenetic Limestone During the Last Glacial Cycle in a Tropical Environment. *20th International Karstological School "Classical Karst": Karst forms and processes*. Karst Research Institute, Postojna, Slovenia.

Miklavič, B., Mylroie, J.E., Jenson, J.W., Randall, R.H., Banner, J.L. and Partin, J.W. (2010). *Interglacial Limestone and Its Geomorphic Features on Guam: Implications for Relative Sea Level Changend Flank Margin Cave Formation*. 15th Symposium of the Geology of the Bahamas and other Carbonate Regions, Gerace Research Center, San Salvador Island, Bahamas.

Hoffman, S.M., Jenson, J.W., Moran, D.C. and Denton, G.R.W. (2010). *Background Fluorescence in Groundwater from a Tropical Island-Karst Aquifer*. AWRA 2010 Summer International Specialty Conference & 8th Caribbean Islands Water Resources Congress on Tropical Hydrology and Sustainable Water Resources in a Changing Climate, San Juan, Puerto Rico, American Water Resources Association.

Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2010b). *Algebraic Model to Predict the Freshwater Lens Thickness of an Atoll Island*. 14th Symposium on the Geology of the Bahamas and Other Carbonate Regions, San Salvador Island, Bahamas, Gerace Research Center.

Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2010c). *Numerical Modeling of Atoll Island Hydrogeology*. 14th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador Island, Bahamas, Gerace Research Centre.

Taboroši, D., Jenson, J.W., Jocson, J.M.U. and Mylroie, J.E. (2009). *Coastal Discharge Features from and Uplifted Coastal Island Aquifer: Northern Mariana Islands*. 15th International Congress of Speleology, Kerrville, TX, International Union of Speleology.

Stafford, K.W., Jenson, J.W. and Mylroie, J.E. (2009). *Eogenetic Karst of the Carbonate Islands of the Northern Marianas*. 15th International Congress of Speleology, Kerrville, TX, International Union of Speleology.

Hormillosa, T.U., Olsen, A.E. and Jenson, J.W. (2008). *The Northern Guam Vadose Zone: Thirty Years of Weri Research*. 14th Symposium of the Geology of the Bahamas and Other Carbonate Regions, Gerace Research Center, San Salvador Island, Bahamas.

Desai, C.S., Sane, S. and Jenson, J.W. (2008). Constitutive Modeling and Testing of Glacial Tills for Prediction of Motion of Glaciers. *12th International Conference of IACMAG*. Goa, India, International Association for Computational Methods & Advances in Geomechanics.

Mylroie, J.E., Mylroie, J.R., Jenson, J.W. and MacCracken, R.S. (2006). *Fresh-Water Lens Anisotropy and Flank Margin Cave Development, Fais Island, Federated States of Micronesia*. Thirteenth symposium on the geology of the Bahamas and other carbonate regions, Gerace Research Center, San Salvador Island, Bahamas.

Sane, S., Desai, C.S., Merry, S., Contractor, D.N., Jenson, J.W. and Clark, P.U. (2005). *Disturbed State Constitutive Modeling Adn Testing of Glacial Till*. 11th International Conference on Computer Methods and Advances in Geomechanics, Turin, Italy.

Keel, T.M., Jenson, J.W., Mylroie, J.E., Mylroie, J.R., Stafford, K.W. and Camacho, R. (2004). *The Caves of Rota, Commonwealth of the Northern Mariana Islands*. Proceedings of the 12th Symposium on the Geology of the Bahamas and Other Carbonate Regions, Gerace Research Center, San Salvador, Bahamas.

Reece, M.A., Mylroie, J.E. and Jenson, J.W. (2004). *Notches in Carbonates: Origins and Implications*. Proceedings of the Twelfth Symposium on the Geology of the Bahamas and Other Carbonate Regions, Bahamian Field Station, San Salvador Island, Bahamas.

Stafford, K.W., Mylroie, J., E., Jenson, J.W., Mylroie, J.R. and Taborosi, D. (2004). *Dissolution Controls Related to the Carbonate Island Karst Model on Tectonically Active, Carbonate Islands: Tinian and Aguijan, Cnmi*. Proceedings of the 12th Symposium on the Geology of the Bahamas and Other Carbonate Regions, Gerace Research Center, San Salvador, Bahamas.

Taboroši, D., Jenson, J.W. and Mylroie, J.E. (2004). *Karst Environments of Guam, Mariana Islands*. 12th Symposium on the Geology of the Bahamas and Other Carbonate Regions, Gerace Research Center, San Salvador, Bahamas.

Mylroie, J.E., Jenson, J.W., Mylroie, J.R. and Carew, J.L. (2004). *Epikarst on Eogenetic Rocks*. Epikarst Conference.

Mylroie, J.E. and Jenson, J.W. (2002). *Karst Flow Systems in Young Carbonate Islands*. Karst Frontiers: Florida and Related Environments, Charles Town, West Virginia, Karst Waters Institute.

Mylroie, J.E., Mylroie, J.R. and Jenson, J.W. (2002). *Modeling Carbonate Island Karst*. Eleventh symposium on the geology of the Bahamas and other carbonate regions, Gerace Research Center, San Salvador Island, Bahamas.

Gamble, D.W., Mylroie, J.E., Jenson, J.W., Carew, J.L., Taborosi, D., Jocson, J.M.U., Vann, D.T. and Mylroie, J.R. (2001). *Freshwater Resources on Guam: Calculating Halocline Position and Fresh Water Discharge Via Temperature Profile*. Proceedings of the 10th Pacific Science Intercongress.

Mylroie, J.E. and Jenson, J.W. (2001). *The Carbonate Island Karst Model*. Proceedings of the 10th Pacific Science Intercongress.

Mylroie, J.E. and Jenson, J.W. (2000b). *Guam and the Carbonate Island Karst Model*. Joint Meeting for the Friends of Karst, Theoretical and Applied Karstology & IGCP 448, Cluj-Napoca, Romania.

Mylroie, J.E. and Jenson, J.W. (2000c). *The Carbonate Island Karst Model*. Mississippi Water Resources Conference, Raymond, MS.

Contractor, D.N. and Jenson, J.W. (1999b). *Simulated Effect of a Karstic Vadose Zone in the Northern Guam Lens on Well-Water Levels*. Karst Modeling, Charlottesville, VA.

Jenson, J.W. (1999). *Toward a Suitable Conceptual Model of the Northern Guam Lens Aquifer*. Karst Modeling, Charlottesville, VA.

Jocson, J.M.U., Jenson, J.W. and Contractor, D.N. (1999b). *Hydrologic Insights from a Finite-Element Model of the Yigo-Tumon Sub-Basin, Northern Guam Lens Aquifer*. Karst Modeling, Charlottesville, VA.

Jenson, J.W., Jocson, J.M.U. and Siegrist, H.G. (1997). *Groundwater Discharge Styles from an Uplifted Pleistocene Island Karst Aquifer, Guam, Mariana Islands*. The Engineering Geology and Hydrology of Karst Terranes, Springfield, Missouri, Balkema.



## Abstracts and presentations

Bautista, K.K., Jenson, J.W., Lander, M.A. and Righetti, T. (2017). Vadose Hydrology at Jinapsan Cave, Northern Guam. *National Ground Water Association Groundwater Summit*. Nashville, TN, December 5-7.

Habana, N.C., Jenson, J.W. and Gingerich, S.B. (2017). Evaluating Best-Practice Capacities for Carbonate-Island Karst Aquifer: Northern Guam Lens Aquifer, Guam, USA. *National Ground Water Association Groundwater Summit*. Nashville, TN, December 5-7.

Shalilian, I., Jenson, J.W., Lander, M.A. and Randall, R.H. (2017). Hydrogeology of the Finegayan Basin, Northern Guam Lens Aquifer, Guam. *National Ground Water Association Groundwater Summit*. Nashville, TN, December 5-7.

McCutcheon, A., Raymundo, L., Prouty, N., Jenson, J., Lander, M. and Randall, R. (2014). Coral Growth Calibration of the Sr/Ca Proxy for Sst Reconstruction in Guam. *17th Biennial Ocean Sciences Meeting*. Honolulu, Association for the Sciences of Limnology and Oceanography (ASLO), The Oceanography Society (TOS), and the American Geophysical Union (AGU).

Moore, M., Hardt, B., Banner, J. and Jenson, J. (2013). Program & Abstracts: Evaluation of Speleothem Oxygen Isotope Fractionation from a Tropical Cave on the Island of Guam. *Fall Meeting, American Geophysical Union*. San Francisco: December 9-13, 2013.

Jenson, J.W., Taboroši, D., Rotzoll, K., Mylroie, J.E. and Gingerich, S.B. (2013). Symposium Program and Abstracts: A Hypothesis for Carbonate Island Karst Aquifer Evolution from Analysis of Field Observations in Northern Guam, Mariana Islands. *International Symposium on Hierarchical Flow Systems*. Mádl-Szőnyi, J., Erőss, A., Mindszenenty, A. and Tóth, A. Budapest, Hungary.

McCann, S., Mylroie, J.E., Jenson, J.W. and Lander, M.A. (2013). Meteorological Conditions Affecting Speleothem Paleoclimate Record in a Tropical Cave, Guam, Mariana Islands. *National Speleological Society Convention*. Shippensburg University, PA.

Simard, C.A., Jenson, J.W. and Lander, M.A. (2013). Analysis of Salinity in the Northern Guam Lens Aquifer. *UCOWR-NIWR Conference*. Lake Tahoe, NV.

Lindzey, K.M., Partin, J.W., Quinn, T.M., Jenson, J.W., Shen, C.-C., Banner, J.L., K., L. and Hardt, B.F. (2012). Decadal-Scale Rainfall Variability in Guam over the Common Era. *American Geophysical Union Fall Meeting, Abstracts*. San Francisco.

Jenson, J., Roff, D., Bendixson, V., Hylton, T. and Simard, C. (2012). New Insights and Questions from Exploratory Drilling in the Northern Guam Lens Aquifer. *16th Symposium of the Geology of the Bahamas and other Carbonate Regions*. Gerace Research Center, San Salvador Island, Bahamas.

Simard, C., Jenson, J. and Lander, M.A. (2012, in press). Analysis of Salinity in the Northern Guam Lens Aquifer. *16th Symposium on the Geology of the Bahamas and Similar Carbonate Regions*. Gerace Research Center, San Salvador Island, Bahamas.

Mylroie, J.E., Jenson, J.W., Miklavič, B. and Taboroši, D. (2012). Surface and Vadose Implications in Karstification of Eogenetic Carbonates. *GSA Annual Meeting*. Charlotte, North Carolina.

Jenson, J.W. (2012). Guam's Aquifer and the Myth of Sustainable Yield: How to Make Sure There Is Enough Water for Everyone. *Island Sustainability Conference*. Hyatt Regency Guam.

Miklavič, B., Mylroie, J.E., Jenson, J.W., Randall, R.H., Banner, J.L., Partin, J.W. (2012). *Evidence of the Sea-Level Change since Mis 5e on Guam, Tropical West Pacific*. National Science Foundation

Workshop: Sea Level Changes into MIS 5: from observations to predictions, Palma de Mallorca, Mallorca, Spain.

Bailey, R.T.a.J., J.W. (2011). Analysis of Groundwater Resources on Atolls in the Federated States of Micronesia. *Water Resources Sustainability Issues on Tropical Islands*. Water Resources Research Center, University of Hawaii at Manoa, Honolulu, HI, National Institutes for Water Resources.

Jenson, J.W., Lander, M.A. and Randall, R.H. (2011a). Vadose Flow in the Northern Guam Lens Aquifer. *Water Resources Sustainability Issues on Tropical Islands*. Water Resources Research Center, University of Hawaii at Manoa, Honolulu, HI, National Institutes for Water Resources.

Jenson, J.W., Lander, M.A. and Randall, R.H. (2011b). Vadose Flow in a Tropical Island Karst Aquifer, Guam, Mariana Islands. *Carbonate Geochemistry: Reactions and Processes in Aquifers and Reservoirs*. Billings, Montana, USA, Karst Waters Institute.

Miklavič, B., Jenson, J.W., Banner, J.L., Mylroie, J.E., Partin, J.W., Zabukovec Logar, N., Hardt, B., Sinclair, D. and James, E. (2011). Diagenesis and Trace-Element Geochemistry of Cave Drip-Water and a Stalagmite in Mis5e Limestone, Guam, Mariana Islands. *6th International Conference: Climate Change - The Karst Record*. University of Birmingham, Birmingham, England, U.K.

Miklavič, B., Mylroie, J.E., Jenson, J.W. and Taboroši, D. (2010). Abstract: Using Sea-Level Notches and Flank Margin Caves as Relative Sea-Level Change Indicators on Guam, a Volcanic Arc Island. *The First Joint International Conference of the International Geological Correlation Programme*. Hong Kong, INQUA Coastal And Marine Processes Commission. Preparing For Coastal Change: A Detailed Process-Response Framework For Coastal Change At Different Timescales, Abstract.

Taboroši, D., Jenson, J.W. and Miklavič, B. (2010). Abstract: Evaluating Coastal Dynamics of Coral Atoll Islands in the Western Pacific over the Past Half-Century. *The First Joint International Conference Of IGCP*. Hong Kong, INQUA Coastal And Marine Processes Commission. Preparing For Coastal Change: A Detailed Process-Response Framework For Coastal Change At Different Timescales.

Miklavič, B., Jenson, J.W. and Mylroie, J.E. (2010a). Program and Abstracts: Syngenetic Cave Development on Guam, Mariana Islands. *National Speleological Society Annual Meeting*. Essex Junction, Vermont: 50.

Miklavič, B., Jenson, J.W. and Mylroie, J.E. (2010b). Program and Abstracts: Interglacial Limestone and Its Geomorphic Features on Guam: Implications for the Relative Sea Level Change and Flank Margin Cave Formation. *15th Symposium on the Geology of the Bahamas and Other Carbonate Regions*. Gerace Research Center, San Salvador: 26-72.

Taboroši, D., Jenson, J.W., Sánchez, M. and Zega, M. (2010). Availability, Usage, and Threats to Freshwater Resources on Low Carbonate Islands in Micronesia. *European Geosciences Union General Assembly*. Vienna, Austria.

Taboroši, D., Zega, M. and Jenson, J.W. (2010). Assessment of Coastal Erosion and Quantification of Land Loss on Western Pacific Atolls During the Last 50 Years. *European Geosciences Union General Assembly*. Vienna, Austria.

Charette, M.A., Henderson, P.B., Breier, C.F., Gonnee, M.E., Jenson, J.W. and Herrera-Silveira (2010). Submarine Groundwater Discharge from Karst Systems: Is Radium Tracing the Fresh Component. *Radium and Radon isotopes as Environmental Tracers* Institute for Advanced Studies, Hebrew University, Jerusalem.

Partin, J.W., Banner, J.L., Jenson, J.W., Taylor, F.W., Quinn, T.M., Maupin, C.R., Shen, C.C., Sinclair, D., Cardenas, M.B. and Mylroie, J.E. (2009). *Reconstructing Paleo-Rainfall in the Western Tropical Pacific: Developing Spelethem Proxies* AGU Fall Meeting, San Francisco.

Sinclair, D.J., Banner, J.L., Taylor, F.W., Quinn, T.M., Jenson, J.W. and Mylroie, J.E. (2008). Deglacial Climate Dynamics in the Western Pacific Ocean Measured in a Stalagmite from Guam. *Goldschmidt Conference*. Vancouver, B.C.

Mylroie, J.E., Myroie, J.R. and Jenson, J.W. (2008 (abstract)). Caves and Non-Caves of Fais Island, Federated States of Micronesia. *National Speleological Society Convention*. Program: 114.

Hoffman, S.M., Jenson, J.W., Denton, G.R.W., Moran, D.C. and Vacher, H.L. (2008). Variability of Background Fluorescence in Tropical Karst Aquifers. *14th symposium on the geology of the Bahamas and other carbonate regions*. Gerace Research Center, San Salvador Island, Bahamas.

Bailey, R.T., Jenson, J.W. and Olsen, A.E. (2008b). An Algebraic Model to Predict the Freshwater Lens Thickness of an Atoll Island. *14th symposium on the geology of the Bahamas and other carbonate regions*. Gerace Research Center, San Salvador Island, Bahamas.

Olsen, A.E., Habana, N., Heitz, L.F. and Jenson, J.W. (2007). A Transfer Function Model for Deep Karst Vadose Zones. *The ASA-CSSA-SSSA International Annual Meetings*. New Orleans, Louisiana.

Jenson, J.W., Desai, C.S., Clark, P.U., Contractor, D.S., Sane, S. and Carlson, A.E. (2006). *A Unified Constitutive Model for Subglacial Till, Part I: The Disturbed State Concept*. American Geophysical Union, Fall Meeting, San Francisco, AGU.

Desai, C.S., Sane, S., Jenson, J.W., Contractor, D.S., Carlson, A.E. and Clark, P.U. (2006). *A Unified Constitutive Model for Subglacial Till, Part II: Laboratory Tests, Disturbed State Modeling, and Validation for Two Subglacial Tills*. American Geophysical Union, Fall Meeting, San Francisco.

Stafford, K.W., Mylroie, J.E., Mylroie, J.R., Jenson, J.W. and Taborosi, D. (2004). "Coves and Pocket Beaches: Littoral Erosion and Flank Margin Caves (Abstract)" *Geological Society of America abstracts and programs* 36(5): 284.

Stafford, K.W., Taboroši, D., Keel, M., Mylroie, J.M., Mylroie, J.R. and Jenson, J.W. (2004). *Joint Research Expeditions to Mariana Islands: Aguijan, Rota, and Tinian*. National Speleological Society National Convention.

Stafford, K.W., Keel, T.M., Mylroie, J.E., Jenson, J.W. and Mylroie, J.R. (2003). "Eogenetic Karst Development in the Mariana Islands: Aguijan, Rota, and Tinian (Abstract)." *Journal of Cave and Karst Studies* 65(3): 188.

Stafford, K.W., Mylroie, J.E., Mylroie, J.R. and Jenson, J.W. (2003). "Tinian, Cnmi: A Carbonate Island Karst Model Evaluation (Abstract)" *Geological Society of America abstracts and programs* 35(1): 3.

McDonald, M.Q. and Jenson, J.W. (2003b). *Historical Analysis of Chloride Ion Concentrations in Production Wells in the Northern Guam Lens Aquifer, Guam, Mariana Islands*. Second International Conference on Saltwater Intrusion and Coastal Aquifers: Monitoring, Modeling and Management, Merida, Yucatan, Mexico.

Mylroie, J.E., Jenson, J.W., Mylroie, J.R. and Carew, J.L. (2003). *Epikarst on Eogenetic Rocks (Abstract)*, Karst Waters Institute.

Keel, T.M., Stafford, K.W., Mylroie, J.E., Jenson, J.W. and Mylroie, J.R. (2003). "The Carbonate Island Karst Model as Applied to Rota (Luta), Tinian, and Aguijan Islands, Commonwealth of the Northern Marian Islands (Abstract)." *Journal of Cave and Karst Studies* 65(3): 186.

Stafford, K.W., Mylroie, J.M., Taborosi, D., Keel, T.M. and Jenson, J.W. (2003). "Structurally Controlled Eogenetic Karst: Mariana Islands." *Geological Society of America Abstracts with Programs* 34(7): 452.

Stafford, K.W., Taborosi, D., Keel, T.M., Mylroie, J.E., Mylroie, J.R. and Jenson, J.W. (2003). "2002-2003 Joint Research Expeditions to the Mariana Islands: Aguijan, Rota, and Tinian (Abstract)." *Journal of Cave and Karst Studies* 65(3): 179.

Jenson, J.W., Mylroie, J.E., Mylroie, J.R. and Wexel, C. (2002). "Revisiting the Carbonate Island Karst Model." *Geological Society of America, Abstracts with Programs* 34(6): 226.

Taboroši, D. and Jenson, J.W. (2002). "Fluviokarst on a Small Carbonate Island: Guam, Mariana Islands." *Geological Society of America Abstracts with Programs* 34(6).

Mylroie, J.E., Mylroie, J.R., Jenson, J.W. and Wexel, C. (2001). "Cave and Karst Development of Saipan (Abstract)." *Journal of Cave and Karst Studies* 63(3): 113.

Mylroie, J.E. and Jenson, J.W. (2001). *The Carbonate Island Karst Model*. 10th Pacific Science Intercongress

Gamble, D.W., Mylroie, J.E., Jenson, J.W., Carew, J.L.T., D., Jocson, J.M.U., Vann, D.T. and Mylroie, J.R. (2001). *Freshwater Resources on Guam: Calculating Halocline Position and Fresh Water Discharge Via Temperature Profile*. 10th Pacific Science Intercongress.

Wexel, C., Jenson, J.W., Mylroie, J.R. and Mylroie, J.E. (2001). "Carbonate Island Karst of Saipan." *Geological Society of America Abstracts with Programs* 33(6): A-6.

Gamble, D.W., Mylroie, J.R., Mylroie, J.E., Taboroši, D.S. and Jenson, J.W. (2000). *Field Assessment of Coastal Fracture Discharge on the Northwest Coast of Guam Using Temperature Sensors*. Limestone Island Aquifers Conference, University of Guam.

Mylroie, J.E. and Jenson, J.W. (2000). *The Carbonate Island Karst Model. Keynote Address*. Limestone Island Aquifers Conference, University of Guam.

Reece, M.A., Mylroie, J.E. and Jenson, J.W. (2000). *Cave and Karst Development on Guam: Implications for Aquifer History*. Abstracts, National Speleological Society annual meeting.

Reece, M.A., Mylroie, J.E. and Jenson, J.W. (2000 (abstract)). *Notches in Carbonates: Paleohydrological Implications*. Tenth Symposium on the Geology of the Bahamas and other carbonate regions, Bahamian Field Station, San Salvador Island, Bahamas.

Mylroie, J.E. and Jenson, J.W. (2000). *The Carbonate Island Karst Model: Abstracts*. National Speleological Society annual meeting.

Reece, M.A., Mylroie, J.E. and Jenson, J.W. (2000 (abstract)). *Cave and Karst Development on Guam: Implications for Aquifer History*. National Speleological Society annual meeting.

Mylroie, J.R., Gamble, D.W., Taborosi, D.S., Jenson, J.W., Jocson, J.M.U. and Mylroie, J.E. (2000). *Air and Water Cave Temperature Variation in Three Cave Types in Guam, USA: Implications for Aquifer Characteristics (Abstract)*. National Speleological Society annual meeting.

- Mylroie, J.E. and Jenson, J.W. (2000). "Cikm, the Carbonate Island Karst Model." *Geological Society of America Abstracts with Programs* 32(7): A-355.
- Jenson, J.W., Jocson, J.M. and Contractor, D.N. (1997). *Hydrologic Observations of the Northern Guam Lens Aquifer*. Fall 1997 Meeting, American Geophysical Union.
- Vela, J.C., Jenson, J.W., Ho, C.L. and Clark, P.U. (1996). *Long-Term Deformation of a Clayey Sandy Silt Till in Simple Shear between Yield and Failure Strength: Some Implications for Ice Sheet Behavior*. Fall 1996 Meeting, American Geophysical Union.
- Heitz, L.F., Denton, G.R.W., Jenson, J.W. and Siegrist, H.G. (1996). *Water Crisis on Guam: Fact or Fiction?* College of Arts and Sciences Annual Symposium, University of Guam.
- Jenson, J.W., MacAyeal, D.R., Clark, P.U., Ho, C. and Vela, J.C. (1995). "Modeling of Sediment-Ice Sheet Interaction, Lake Michigan Lobe, Laurentide Ice Sheet." *Eos Transactions*: F276.
- Contractor, D.N., Srivastva, R., Jenson, J.W., Jocson, J.M. and Siegrist, H.G. (1995). "Modeling of the Anisotropic Northern Guam Aquifer Using a 2d, Fe Sharp-Interface Saltwater Intrusion Model." *Eos Transactions* 76(46): F262.
- Licciardi, J.M., Clark, P.U., Jenson, J.W. and McDonald, G.A. (1995). *Modeling the Laurentide Ice Sheet through the Last Deglaciation*. INQUA Meeting.
- Clark, P.U., Licciardi, J.M. and Jenson, J.W. (1995). *Dynamics of the Laurentide Ice Sheet During the Last Deglaciation*. CANQUA Meeting.
- Heitz, L.F., Jenson, J.W., Siegrist, H.G. and Jocson, J.M. (1995). *Geographic Information System (Gis) Applications to Groundwater Management on Guam*. AWRA Annual Summer Symposium, Honolulu, HI.
- Jenson, J.W. and Siegrist, H.G. (1994). "Bedrock Hydrogeologic Features Influencing Internal Transfer in the Northern Guam Lens Aquifer System." *Eos Transactions* 75(43): 257.
- Licciardi, J.M., Clark, P.U. and Jenson, J.W. (1994). "Modeling the Laurentide Ice Sheet through the Last Deglaciation." *Eos Transactions* 75, no. 43(43): supplement.
- Jenson, J.W. and Siegrist, H.G. (1994). *A First Order Modeling Study of the Northern Guam Lens Aquifer*. 1994 Pacific Northwest/Oceania Conference--Assessment of Models for Groundwater Resources Analysis and Management, Oahu, Hawaii.
- Jenson, J.W., Clark, P.U., MacAyeal, D.R. and Alley, R.B. (1993). "Implications of Unstable Behavior of the Laurentide Ice Sheet for Ice Dynamics and Climate Change: Experiments with an Ice Sheet Model." *Eos Transactions*, v. 74, no. 43, p. 360. 74(43): 360.
- Jenson, J.W. and MacAyeal, D.R. (1992). "Modeling of the Lake Michigan Lobe, Laurentide Ice Sheet, with Deforming Bed Dynamics." *Eos Transactions* 73(43): 160.
- Jenson, J.W., Bevis, K.A., Clark, P.U. and P.K. (1992). "Mass Balance of Collier Glacier, Oregon Cascades." *Geological Society of America, Abstracts with Programs* 24(5): 56.
- Bevis, K.A., Jenson, J.W. and Wolter, M. (1992). "Differentiating Geomorphic Surfaces in the Willamette Valley, Oregon, Based on Quantitative Soil Properties." *Geological Society of America, Abstracts with Programs* 24(5): 56.

## Other publications

Taboroši, D. and Jenson, J.W. (2013). Executive Field Trip Guide to the Northern Guam Lens Aquifer, Island Research & Education Initiative and Water & Environmental Research Institute of the Western Pacific: 29.

Gingerich, S.B. and Jenson, J.W. (2010). Groundwater Availability Study for Guam; Goals, Approach, Products, and Schedule of Activities. 2010–3084, U.S.G.S.F.S.: 4.

Bautista, K.K. (2017). Vadose Hydrology at Jinapsan Cave, Northern Guam. *Environmental Science*. Mangilao, University of Guam. Master of Science: 202.

Shalilian, I. (2017). Hydrogeology of the Fiegayen Basin, Northern Guam Lens Aquifer. *Environmental Science*. Mangilao, University of Guam. Master of Science: 99.

Vann, D.T. (2014). Topography of the Basement Rock beneath the Northern Guam Lens Aquifer and Its Implications for Groundwater Exploration and Development. *Environmental Science*. Mangilao, University of Guam. Master of Science: 71.

DeVillers, A.L. (2013). Testing the Sr/Ca Proxy for Sea Surface Temperature Reconstruction in the Coral *Porites Lutea* in Guam, Micronesia, MSci. Thesis, Biology, University of Guam: 99.

Simard, C.A. (2012). Chloride Trends in the Northern Guam Lens Aquifer. *College of Natural and Applied Sciences*. Mangilao, University of Guam. Master of Science.

Bell, T. (2011). Coral and Speleothem in Situ Monitoring and Geochemical Analysis: Guam, Mariana Islands, USA. *College of Natural & Applied Sciences*. Mangilao, University of Guam. Master of Science, Environmental Science: 90.

Bailey, R.T. (2008). Groundwater Resources of Atoll Islands: Observations, Modeling, and Management. *WERI*. Mangilao, University of Guam. M.S.: 122.

Hoffman, S.M. (2007). Background Fluorescence in Guam's Coastal Waters. *Environmental Science Program*. Mangilao, University of Guam. MS: 120.

MacCracken, R.S. (2006). Water Resources Analysis of Fais Island, Yap State, Fsm. *College of Natural and Applied Sciences*. Mangilao, University of Guam. Environmental Science: 130.

Stafford, K.W. (2003). Structural Controls on Megaporosity in Eogenetic Carbonate Rocks: Tinian, Cnmi, Mississippi State University: 340.

McDonald, M.Q. (2001). Analysis of Saltwater Intrusion in the Northern Guam Lens Aquifer Based on Chloride Ion Concentrations at Production and Observation Wells, University of Guam: 80.

Taboroši, D. (2000). Karst Inventory of Guam. *WERI*. Mangilao, University of Guam: 221.

Jocson, J.M.U. (1998). Hydrologic Model for the Yigo-Tumon and Finegayan Subbasins of the Northern Guam Lens Aquifer, Guam. Mangilao, University of Guam: 95.