



MATTHEW BELL, B.A.
Field Supervisor, GIS-GPS Specialist, Draftsperson
January 2016



Matthew Bell is a Field Supervisor and GIS-GPS Specialist (including Drafting and Database Management) at International Archaeology, LLC (IA) and International Archaeological Research Institute, Inc. (IARII). He has 10 years of archaeological field and research experience that includes projects in Hawai‘i, Rapa Nui (Easter Island), and American Sāmoa. His research has included various types of archaeological studies for federal and state agencies, private clients and academic research. Specializing in GIS database design and maintenance, he also has experience planning surveys, supervision of fieldwork and office work, and report writing. He has experience in the mapping of surface architecture, lava tubes, and topography as well as panoramic and kite photography. He also has experience in surface and subsurface surveys, controlled excavations, and archival background research. Mr. Bell is a specialist in GPS data collection and GPS maintenance and troubleshooting. Mr. Bell’s research interests include agricultural practices, utilization of marginal environments, archaeological data management, and the application of remote sensing techniques such as satellite imagery, kite photography, and ground penetrating radar. Mr. Bell has been an author or co-author of over 15 technical research reports and has made numerous GIS, graphical and background research contributions to other reports.

Education

Graduate Certificate, Geographic Information Systems, University of Denver, 2015
B.A., Anthropology, University of Hawai‘i-Mānoa, Honolulu, 2005

Professional Positions

Field Supervisor/GIS-GPS Specialist, International Archaeology, LLC, Honolulu, 2014-present
Field Supervisor/GIS-GPS Specialist, IARII, Honolulu, 2008-present
Projects Supervisor/Archaeological Technician, 2006-2008, Cultural Surveys Hawai‘i, Kailua
Computer Graphics Specialist, OfficeMax, Colorado, 2003
Visual Editor and Graphics Designer, Ka Leo O Hawai‘i, Honolulu, 2001-2003 (intermittent)

General Archaeological Experience Summary

Field Director/Supervisor, over 10 projects in Hawai‘i, 2 in American Sāmoa
GIS-GPS Specialist, over 10 projects in Hawai‘i and Guam
10 years of active research in the Pacific Region

Recent Pacific Archaeological Experience

GIS-GPS Specialist, MCBH Cultural Landscape Study, O‘ahu, 2015-2016
Field Supervisor/GIS-GPS Specialist, KAHŌ Landmark Nomination Study, Hawai‘i Island, 2014
Field Supervisor/GIS-GPS Specialist, SHPD Legacy GIS Pilot Study, O‘ahu, 2013
Field Supervisor/GIS-GPS Specialist, HALE Kapahu Living Farm Survey, Maui, 2012-2013
GIS Specialist, Kalaupapa ARPK GIS, Moloka‘i, 2012
GIS Specialist, MCB Hawaii MV-22 Monitoring & Testing, O‘ahu 2012-2013
GIS Specialist, MCBH Marine Aviation EIS, 2011-2012
GIS Specialist, Kalauapapa Survey, Moloka‘i, 2011-2012
Field Sup./GIS-GPS Specialist, Nu‘u Inventory Survey, Haleakalā Nat’l Park, Maui, 2011-2015
Field Supervisor, FEMA House Construction Monitoring, American Sāmoa, 2010
Field Supervisor, ASPA Septic Tank Monitoring, American Sāmoa, 2010
GIS Specialist, various Navy monitoring projects, O‘ahu, 2010-2012
GIS Specialist, MCBH ICRMP Update, O‘ahu, 2009-2013
Archaeologist/GIS-GPS Specialist, NPS Paumoa Survey, Hawai‘i Island, 2009
Field Supervisor/GIS-GPS Specialist, Mōkapu Ground Penetrating Radar Testing, O‘ahu, 2008
Archaeologist/GIS-GPS Specialist, Waimea-Kawaihae Bypass Rd. Testing, Hawai‘i Island, 2008
Archaeologist/GIS-GPS Specialist, West Loch Relocation Survey & Testing, O‘ahu 2008



Ability to Carry Research to Completion

Completion of over 15 technical research reports and 1 academic publication

Selected Technical Reports and Academic Publications

Bell, Matthew J.

2006 Archaeology on Easter Island: Remote Sensing for Low-Impact Archaeological Study of Rapa Nui's (Easter Island) Monumental Stone Architecture. *Hawaii Space Grant Consortium: Undergraduate Fellowship Reports GSGC Report No. 05-13.*

Bell, Matthew J., and J. Stephen Athens

2012 *Letter Report, Compilation of GPS Data from ARPK (Archaeology of the Recent Past) Survey into Geodatabase, Kalaupapa National Historical Park, Moloka'i, Hawai'i.* Prepared for the National Park Service. International Archaeological Research Institute, Inc., Honolulu.

Bell, Matthew J., Randy Groza, David Shideler, and Hallett H. Hammatt.

2008 *Archaeological Inventory Survey of a 224.43-Acre Parcel within Portions of Kohanaiki Ahupua'a and Kaloko Ahupua'a, North Kona District, Hawai'i Island TMK: [3] 7-3-009:017.* Prepared for Stanford Carr Development. Cultural Surveys Hawaii, Inc., Kailua.

Bell, Matthew J., Randy Groza, Mindy Simonson, David Shideler, and Hallett H. Hammatt.

2008 *Archaeological Inventory Survey of a 360.131-Acre Parcel within Portions of Kohanaiki Ahupua'a and Kaloko Ahupua'a, North Kona District, Hawai'i Island TMK: [3] 7-3-009:025.* Prepared for Stanford Carr Development. Cultural Surveys Hawaii, Inc., Kailua.

Bell, Matthew J., and Matt McDermott

2006 *Archaeological Inventory Survey Report for the Allure Waikiki Development, Waikiki Ahupua'a Honolulu (Kona) District, O'ahu TMK [1] 2-6-13:1, 3, 4, 7, 8, 9, 11, and 12.* Prepared for Fifield Companies. Cultural Surveys Hawaii, Inc., Kailua.

Bell, Matthew J., and Alex E. Morrison

2009 *Archaeological Monitoring Report in Support of the PMRF KTF Lightning Protection Project.* Prepared for Sandia National Laboratories. International Archaeological Research Institute, Inc., Honolulu.

Bell, Matthew J., Timothy M. Rieth, and Christopher W. Filimoehala

2013 *State Historic Preservation Division Legacy GIS Pilot Study: Development of Cultural Resources Geospatial Data Derived from Digitized Archaeological Reports.* Prepared for State Historic Preservation Division, Kapolei. International Archaeological Research Institute, Inc., Honolulu.

Bell, Matthew J., Mindy Simonson, Kelley Esh, Randy Groza, David Shideler, and Hallett H. Hammatt

2008 *Archaeological Inventory Survey of a 194.324-Acre Parcel within Portions of Kohanaiki Ahupua'a and Kaloko Ahupua'a, North Kona District, Hawai'i Island TMK: [3] 7-3-009:026.* Prepared for Stanford Carr Development. Cultural Surveys Hawaii, Inc., Kailua.



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- Esh, Kelley, Matthew J. Bell, Mindy Simonson, David Shideler, and Hallett H. Hammatt
2008 *Archaeological Inventory Survey of a 363.106-Acre Parcel within portions of Kohanaiki Ahupua'a and Kaloko Ahupua'a, North Kona District, Hawai'i Island TMK: [3] 7-3-009:028.* Prepared for Stanford Carr Development. Cultural Surveys Hawaii, Inc., Kailua.
- Morrison, Alex E., Chester P. Walker, and Matthew J. Bell
2010 *Archaeological Survey and Testing at Former Marine Aircraft Control Squadron (MACS) II Facility, Marine Corps Base Hawaii, Kaneohe Bay, O'ahu, Hawai'i.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu.
- Tomonari-Tuggle, Myra J., Timothy M. Rieth, Matthew Bell, Darby Filimoehala, and Ethan E. Cochrane
2015 *Archaeological Inventory and Reconnaissance Surveys of Nu'u, Haleakalā National Park, Maui Island, Hawai'i TMK (2) 1-8-001:002 Volume I: Narrative.* Prepared for the National Park Service. International Archaeological Research Institute, Inc., Honolulu.

Large GIS and Graphics Contributions to Technical Reports (selected examples)

Athens, J. Stephen

- 2012 *Archaeological Assessment, Runway Safety Areas 22R and 22L, Honolulu International Airport, O'ahu, Hawai'i.* Prepared for Dept. of Transportation - Airports Division, State of Hawai'i. International Archaeological Research Institute, Inc., Honolulu.

Department of the Navy

- 2012 *Environmental Impact Statement for the Basing of MV-22 and H-1 Aircraft in Support of III MEF Elements in Hawaii.* Department of the Navy and their contractors.

Rieth, Timothy M.

- 2011 *Archaeological Re-location Survey and Subsurface Testing, Naval Magazine West Loch Branch, Pearl Harbor.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu.

Rieth, Timothy M., and M.J. Tomonari-Tuggle

- 2013 *Anything but Hardscrabble: An Archeological Inventory Survey of a Colluvial Slope Agricultural Complex; Kalaupapa Pali Trail Survey, Kalaupapa National Historical Park, Kalaupapa Ahupua'a, Ko'olau District, Moloka'i.* Prepared for the National Park Service. International Archaeological Research Institute, Inc., Honolulu.

Tomonari-Tuggle, Myra J.

- 2014 *The Making of Mōkapu: A Paradise on the Peninsula. Archival and Ethnohistoric Research of Mōkapu Peninsula.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu.

- 2014 *Update to the Integrated Cultural Resources Management Plan (ICRMP), Marine Corps Base Hawaii 2014 – 2019.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu.

- 2012 *Historic Context of the Pearl Harbor Region, O'ahu, Hawai'i: Contact to 1887.* Prepared for Wil Chee—Planning, Inc. International Archaeological Research Institute, Inc., Honolulu.