

Dr. Kimberly Elaine Baldwin

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I am a marine ecologist with specialized skills in geoinformatics; focusing on the utility of stakeholder engagement, participatory research and various information technologies to create useful information and support a collaborative approach to environmental decision-making, planning and management. My research interests include MSP, participatory mapping and modelling of marine habitats, resources and space-uses using conventional scientific and local knowledge systems together with various information technologies including remote sensing, GIS, drones and various web apps. I have over ten years of teaching experience ranging from introductory to advanced training courses in GIS, drone flying and mapping, data collection and management, spatial analysis, participatory research, web apps and information technologies for graduate students, government agencies, NGOs and the private sector.

Education

- 2013-2012 Post Graduate Certificate. University Level Teaching and Learning
University of the West Indies, Cave Hill, Barbados
- 2012-2006 PhD. Environment Studies
University of the West Indies, Cave Hill, Barbados
Centre for Resource Management and Environmental Studies (CERMES)
- 2003-2001 MSc. Coastal and Marine Resource Management
University of the West Indies, Cave Hill, Barbados
Centre for Resource Management and Environmental Studies (CERMES)
- 1999-1994 BSc. Aquatic Biology (Pre-Medicine)
University of California, Santa Barbara (UCSB)

Professional Experience

- 2013-present **Director**
[Marine Spatial Information Solutions, Inc.](#) St. James, Barbados. Providing practical solutions to connect people, technology and information. Specialities include: marine management and spatial planning (MSP) applications; Participatory GIS, collaborative research and training initiatives; habitat, resource and space-use mapping; GIS data conversion, geodatabase construction, spatial modelling, remote sensing and advanced analysis; drone mapping and information technologies; impact assessment and monitoring services for national, regional and global-scale projects.
- 2015–present **Research Associate.** GIS Analyst & IT Outreach Specialist: GIS and remote sensing; field surveys and ground-truthing for coastal marine habitat, fisheries and drone mapping; data creation, management & modelling; online apps, web mapping & public-access IT technologies. [Centre for Resource Management and Environmental Studies](#), UWI, Cave Hill, Barbados.
- 2008-2018 **Part-time Lecturer.** Geoinformatics for Environmental Management (ENVT 6101). MSc. Programme. Graduate teaching and supervision of CERMES MSc research students. [Centre for Resource Management and Environmental Studies](#), University of the West Indies, Barbados.
- 2006-2013 **GIS Analyst.** Spatial data collection, conversion and data management; Participatory GIS; Habitat, resource, space-use and livelihood mapping; Marine Spatial Planning and management; Fisheries and marine modelling; Geodatabase construction; Advanced spatial analyses. [Centre for Resource Management and Environmental Studies](#), University of the West Indies, Barbados.
- 2003-2010 **Marine Research Assistant**
Responsibilities include conducting marine monitoring requirements for EIAs for development projects including: marine habitat mapping, benthic and fish surveys, water quality testing, statistical analyses and GIS. Office of Research, Environmental Impact Assessment (EIA) Program, UWI, Cave Hill, Barbados.

- 2004-2005 **Eastern Caribbean Marine Coordinator**
The Amadis Project. Responsible for the planning, training and implementation of a community-based marine monitoring program (Reef Check) in association with the Fisheries Divisions' of the countries of Barbados, St. Lucia and St. Vincent and the Grenadines.
- 2002-2003 **Research Assistant**
Ministry of Agriculture and Rural Development, Fisheries Division, Barbados.
Responsible for the design and conduction of an alternative fish trap research project with emphasis on social and economic implications and the participation of fishers.
- 2001 **Program Leader**
I Love a Clean San Diego NGO, San Diego, California.
Responsible for the design and implementation of environmental educational materials and awareness programs for schools, community groups, businesses and civic organizations in conjunction with the City and County of San Diego's Environmental Grant Program.
- 1999-2001 **Waterfront Teaching Assistant**
Center for Marine Resource Studies, School for Field Studies, South Caicos, Turks and Caicos Islands. Responsible for teaching marine field identifications in situ (via snorkel and SCUBA), supervision of field research projects and the management of a dive shop, several boats and research equipment for the field station.
- 1999-2000 **Research Assistant**
Department of Environmental and Coastal Resources, South Caicos, Turks and Caicos Islands.
Research involved the preliminary assessment of queen conch stocks and associated benthic habitats across the Caicos Bank.

Graduate Research Supervision

- Joseph Weekes (2018 - 2019) MSc, CERMES. UAS mapping of the Sargassum influx in Barbados.
- Lindy Knowles (2015) MSc, CERMES. Marine habitat mapping for Barbados: Ground-truthing surveys and analysis to support remote sensing.
- Jehroum Wood (2014) MSc, CERMES. Incorporating GIS into Socioeconomic Monitoring for Coastal Managers (SocMon) in Barbados and St. Vincent.
- Ayelo White (2012) MSc, CERMES. A vulnerability assessment of the proposed, St. Vincent and the Grenadines South Coast Marine Conservation Area.
- Shamal Connell (2012) MPhil, CERMES. Land based impacts on coral reefs on the west coast of Barbados.
- Eugene Williams (2008) MSc, CERMES. Land based sources of marine pollution in the Grenadines.

GIS Certifications – ESRI

Introduction to ArcGIS I; Advanced Application of ArcGIS II; ArcGIS Pro
ArcGIS Online: Fundamentals, Configuring & Administering Organisation, Creating & Sharing Content, Make & Share Maps with ArcGIS Online, Make & Share Storymaps, Survey 123 App for ArcGIS
3D Analyst; Image Classification, 3D Analysis of Surfaces & Features; Working with Lidar Datasets
Spatial Analyst; Creating Suitability Models, Finding Optimal Locations with ArcGIS
Building, Editing and Managing Geodatabases, Georeferencing & Digitizing
Creating and Integrating Data for Natural Resource Applications
Working with Rasters in ArcGIS; Creating and Analysing Surfaces, Solving Spatial Problems
Coastal Applications of ArcGIS (NOAA Coastal Services Center)
Marxan and Marxan with Zones Conservation Planning Software (PacMARA)

Other Certifications / Skills

UAS Commercial Licenses: Commercial Remote Pilot (FAA Part 107) & sUAS Level I Thermographer (ITC); and Barbados UAS/Model Aircraft Radio Control Licensee.

UAS Applications: DJI (Inspire 1/2 Pro, Phantom 3/4 Pro, Mavic 1/2 Pro/Enterprise); and 3DR (Solo)
UAS Mapping & Modelling software/apps: DJI, Drone Deploy, Maps Made Easy, Drone2Map, Pix4D
Software & Apps: Google Earth Pro, Adobe Suite, Microsoft Suite, Statistical Package for Social Sciences (SPSS), Garmin GPS & Sonar; Trimble; IMovie, Tumblr, Facebook, Instagram, Prisim.

Website Builders: SqaureSpace, Wix, GoDaddy & ArcGIS Online.

Communication technologies: Yahoo and Google Egroups, Facebook, Linked In

Trained Facilitator: Technology of Participation (ToP)

SocioEconomic Monitoring (SocMon); Spatial SocMon - Caribbean
Participatory Community Resource Assessment (PCRA); Integrated Ecosystem Services (IES) Approach
Divemaster (NAUI); Rescue Diver (PADI); Lifeguard (First Aid, CPR and DAN Oxygen Administration)
Navigation; Boating and Seamanship (US Coast Guard)
Conversational Spanish

Additional Experience / Memberships

Grenadines Network of MPAs (GNMPA) Technical Advisor: GIS & MarSIS. Sustainable Grenadines, Inc.
CaMPAM Expert: Caribbean Environment Programme (CEP), through the Specially Protected Areas and
Wildlife (SPAW) Subprogramme, supporting network capacity building and MPA related activities.
Registered UAS Pilot: Droners.io; DroneBase & DroneUp Certified Commercial Pilot Organisations.
Gulf and Caribbean Fisheries Institute (GCFI), Society for Conservation GIS & URISA GIS Professionals.
Referee: Environmental Management; Coastal Management; Environment, Development and
Sustainability; Applied Geography; Frontiers; Landscape and Urban Planning; and West Indies Journal
of Engineering.

Recent Projects

SargAdapt: Adapting to a new reality: Managing responses to influxes of sargassum seaweed in the Eastern Caribbean as ecosystem hazards and opportunities (2018 - 2023). Development of an UAS mapping methodology and remote sensing techniques to quantify the influx of Sargassum in Barbados and the Caribbean. Creation of *SargAdapt* ArcGIS Online web portal and data collection mobile apps: webmaps, Storymaps, Collector 123 and Analysis Dashboards. For CERMES, UWI, Cave Hill Campus, Barbados.

Drone Training & Mapping Course. (2019). Training course in drone flying, UAS policy and operations protocol and mapping methods for the Mustique Company Ltd. St. Vincent and the Grenadines.

Marine Spatial Planning using a Participatory GIS Approach for the Shrimp Trawling Fishery of Trinidad. (2018-2019). Training in the application of PGIS to create a National marine geodatabase for the Gulf of Paria. For the Fisheries Division & GIS Unit. FAO, REBYC-II LAC Project, CC4FISH, CERMES, UWI, Barbados.

Drone Training and Mapping Course & UAS Policy Operations Manual. (2018-2019). Production of a UAS Policy, Operations & Data Management Manual for CARPHA/GIZ and the conduction of UAS flying, mapping methods & spatial analysis training courses for NGOs & public sector at six Eastern Caribbean CATS Project sites.

Marine Spatial Mapping & Ocean Energy Suitability Analysis. (2017-2018). Suitability modelling and analysis for four potential Offshore Energy technologies. Public Sector Smart Energy Programme (PSSEP) Component 2. IDB for the Energy & Telecommunications Division, Government of Barbados.

Geoinformatics for Environmental Management Training Course. (2018). Division of Energy and Telecommunications, UNDP, Electrical Engineering Department & Ministry of Health, Government of Barbados.

Research Drones: UAS Mapping Course and Development of an UAS policy, operations manual and data management training protocol for the University of the West Indies. (2017). CERMES and the Barbados Sea Turtle Project, University of the West Indies (UWI), Cave Hill Campus, Barbados.

Drones for Conservation: Recommendations for UAS policy and operating procedures, mapping methods and data management effectiveness. (2016 - 2017). GEF/World Bank by The Nature Conservancy for the Department of Environment, Ministry of Agriculture, Government of Antigua and Barbuda.

Development of a habitat classification scheme and a benthic habitat map for the coastal marine waters of Barbados. (2015-2016). IDB for the Coastal Zone Management Unit, Government of Barbados.

Zoning design and moorings plan for the South Coast Marine Park, St. Vincent (2015). Training in the construction of a PGIS marine geodatabase to develop a zoning design for the SCMP. For the Government of St. Vincent and the Grenadines. Under the CATS Project Component 2: CARHPA-GIZ, Castries, St. Lucia.

Developing a marine multi-use geodatabase and zoning design for the Pedro Bank, Jamaica (2014-2015). Project manager, MSP specialist, GIS analyst. GEF-LGP, UNDP for the National Environment and Planning Agency (NEPA) & Fisheries Division, implemented by The Nature Conservancy's Jamaica Programme.

Marine geodatabase construction and spatial mapping for the offshore renewable energy potential in Barbados. (2015). IDB funded for the PSSEP - Division of Energy & Telecommunications Division, Office of the Prime Minister, Barbados.

Transboundary Waters Assessment Program. GIS Spatial Analyst (2014-2015). Collection, compilation and production of a global marine regime geodatabase and advanced spatial modelling and analyses for the Large Marine Ecosystem Program and Open Oceans Assessment Program. <http://www.geftwap.org>

Development of a marine multi-use geodatabase and zoning plan for the Grenadine Islands (2006 - 2012). PhD Research, GIS analyst, Workshop Facilitator and Community Outreach Specialist. Funded by National Ocean and Atmospheric Administration (NOAA); GEF-SGP of Sustainable Grenadines, Inc. NGO; The Nature Conservancy, Eastern Caribbean and Global Marine Programs with research supported by CERMES, UWI.

Publications and Presentations

- 2019 **K. Baldwin**, H.A. Oxenford and J. Weekes. *A geospatial approach to quantifying stranded Sargassum seaweed using drones*. 72nd Gulf and Caribbean Fisheries Institute, Punta Cana, Dominican Republic, 4-8 November.
- 2019 Weekes, J., **K. Baldwin** and H.A. Oxenford. *Testing the application of drone technologies in quantifying stranded sargassum seaweed*. 39th Scientific Conference of the Association of Marine Laboratories of the Caribbean (AMLC), Punta Cana, Dominican Republic 20-24 May.
- 2019 **Baldwin, K.** *Applying Participatory GIS (PGIS) to support an Ecosystem Approach to Fisheries (EAF) for the shrimp resources and trawl fishery in the Gulf of Paria, Trinidad*. Sustainable Management of Bycatch in Latin America and Caribbean Trawl Fisheries (REBYC-II LAC), Food and Agriculture Organization and the Centre for Resource Management and Environmental Studies, The University of the West Indies, Cave Hill Campus, Barbados.
- 2019 **Baldwin, K.** *Unmanned Aerial System Policy and Operations Manual*. Caribbean Aquaterrestrial Solutions (CATS) Programme of Caribbean Public Health Agency (CARPHA) and German Development Cooperation Organisation (GIZ). Castries, St. Lucia.
- 2018 Fanning, L., R. Mahon, **K. Baldwin** and S. Douglas. *A global assessment of governance architecture in transboundary Large Marine Ecosystems*. Marine Policy.
- 2018 **Baldwin, K.** *Marine spatial mapping and locational guidance for the development of offshore renewable energy in Barbados*. Ocean Energy Project, Public Sector for Smart Energy Program. Energy Division, Government of Barbados.
- 2017 **Baldwin, K.** *Unmanned Aerial System (UAS) Policy and Operations Manual*. Centre for Resource Management and Environmental Studies (CERMES), Faculty of Science and Technology, University of the West Indies, Cave Hill Campus, Barbados.
- 2017 **Baldwin, K.** *Spatial Data Management Protocol*. CERMES, University of the West Indies, Cave Hill Campus, Barbados.
- 2016 **Baldwin, K.** *Drones for Conservation: Lessons learned from Antigua and Barbuda*. 13th December. YouTube Webinar: <https://youtu.be/Yz-ft3CoS-o>
- 2016 **Baldwin, K.** *Unmanned Aerial Systems (UAS) Policy and Operations Manual*. Department of Environment, Ministry of Health and Environment, Government of Antigua and Barbuda.
- 2016 **Baldwin, K.** *UAS data acquisition, processing and mapping methods in Cades Bay Marine Reserve, Antigua*. Department of Environment, Ministry of Health and Environment, Government of Antigua and Barbuda.
- 2016 **Baldwin, K.** *Data management protocol for the Environmental Information Management and Advisory System (EIMAS)*. For the Department of Environment, Ministry of Health and Environment, Government of Antigua and Barbuda.
- 2016 **Baldwin, K.**, H. Oxenford, S. Purkis and L. Knowles. *Marine habitat mapping for Barbados: Developing a benthic habitat classification scheme and island-wide map based on remote sensing and comprehensive ground-truthing*. Centre for Resource Management and Environmental Studies Technical Report, University of the West Indies, Barbados.
- 2016 **Baldwin, K.** and R. Mahon. *Fisheries Strategic Action Plan for the Jamaican Seascape: Pedro Bank and Southwest Coast*. Caribbean Marine Biodiversity Program: Jamaica Fisheries Sector Assessment and Action Plan. For The Nature Conservancy, Jamaica.
- 2015 Knowles, L. **Baldwin, K.** and H. Oxenford. *Marine habitat mapping for Barbados: Development of a habitat classification scheme and application of remote sensing and ground-truthing video-surveys*. 68th Gulf and Caribbean Fisheries Institute, Panama.
- 2015 **Baldwin, K.** *Marine zoning design and moorings plan for the South Coast Marine Management Area (SCMMA), St. Vincent*. For the Government of St. Vincent and the Grenadines. Under the CATS Component 2: CARHPA, GOPA. St. Lucia.

- 2015 **Baldwin, K.** *Marine spatial information assessment and mapping and for the potential development of offshore renewable energy in Barbados.* The Energy and Telecommunications Division, Office of the Prime Minister, Government of Barbados.
- 2015 **Baldwin, K.** and R. Mahon. *Rapid Fishery Sector Assessment of the Jamaican Seascapes.* Caribbean Marine Biodiversity Program: Jamaica Fisheries Sector Assessment and Action Plan. For The Nature Conservancy, Jamaica.
- 2015 **Baldwin, K.** *Marine spatial planning for the Pedro Bank, Jamaica.* Final Report. For the Nature Conservancy and NEPA, Government of Jamaica.
- 2015 L. Fanning, R. Mahon, **K. Baldwin** and S. Douglas. *Transboundary Waters Assessment Programme (TWAP) Assessment of Governance Arrangements for the Ocean, Volume 1: Transboundary Large Marine Ecosystems.* IOC-UNESCO, Paris. IOC Technical Series, 119.
- 2015 Velez, **et al.** *Blue Solutions from Latin America and the Caribbean: Oceans, Coasts and Human Well Being. Transboundary Marine Spatial Planning.* German Environment Ministry (BMUB), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), GRID-Arendal, International Union for Conservation of Nature (IUCN), and the United Nations Environment Programme.
- 2014 **Baldwin, K.,** S. Schill, N. Zenny and D. Blake. *Developing ecosystem-based information for marine spatial planning on the Pedro Bank, Jamaica.* 67th Gulf and Caribbean Fisheries Institute, Barbados.
- 2014 R. Pomeroy, **Baldwin, K.** and P McConney. *Marine Spatial Planning in Asia and the Caribbean: Application and Implications for Fisheries and Marine Resource Management.* Desenvolvimento e Meio Ambiente. Volume 32: 151-162.
- 2014 **Baldwin, K.** and R. Mahon. *Spatial analysis of ocean governance at the global level: Spatial data availability, accuracy, coordinate systems and considerations for practice.* Centre for Resource Management and Environmental Studies, The University of the West Indies, Cave Hill Campus, Barbados, CERMES Technical Report No 74.
- 2014 Wood, J., **K. Baldwin,** M. Pena and P. McConney. 2014. *Incorporating GIS into Socio-Economic Monitoring for Coastal Managers (SocMon)* in 'Enhancing Stewardship in Small-Scale Fisheries: Practices and Perspectives. Too Big To Ignore (TBTI)' Eds. McConney, P., R. Medeiros and M. Pena. Centre for Resource Management and Environmental Studies, The University of the West Indies, Cave Hill Campus, Barbados. CERMES Technical Report No. 73
- 2014 **Baldwin, K.** and R. Mahon. *A geospatial framework to support marine spatial planning and management for the transboundary Grenadine Islands.* Electronic Journal of Information Systems for Developing Countries. Volume 63 No 7.
- 2014 **Baldwin, K.** *Training exercise and rapid assessment of the proposed South Coast Marine Park, St. Vincent, St. Vincent and the Grenadines.* GEF through UNEP, Ministry of Health, Wellness and the Environment, Government of St. Vincent and the Grenadines
- 2014 **Baldwin, K.** and H. Oxenford. *A participatory approach to marine habitat mapping in the Grenadine Islands.* Coastal Management 42 (6): 36-58.
- 2013 **Baldwin, K.,** McConney, P. and R. Mahon. *Benefits of a participatory GIS approach for strengthening marine governance in SIDS.* Natural Resources Forum 37 (4): 257-268.
- 2013 Doyle, E., C. Morrall and **K. Baldwin.** 2013. *An Inventory of the Geographical Distribution and Conservation Status of Marine Turtles and Sharks in the Wider Caribbean and Relationship to Fisheries.* Commissioned by WWF-MAR. 173 pp.
- 2013 **Baldwin, K.,** H. Oxendford, and R. Mahon. *Demonstrating the effectiveness of a participatory geographic information systems (PGIS) approach in supporting ecosystem-based marine management for fisheries.* 66th Gulf and Caribbean Fisheries Institute, Corpus Christi, Texas.
- 2013 DeGraff, A. and **Baldwin, K.** *Participatory mapping of heritage sites in the Grenadine Islands.* CERMES Technical Report No. 65. University of the West Indies, Barbados.
- 2012 Margles, S., **K. Baldwin,** and J. Knowles. *Participatory marine spatial planning using Marxan with Zones: Case studies from the Eastern Caribbean.* URISA Caribbean GIS Conference, Montego Bay, Jamaica, 12-16 November.

- 2012 **Baldwin, K.** *A Participatory Marine Resource & Space-use Information System for the Grenadine Islands: An ecosystem approach to collaborative planning for management of transboundary marine resources.* PhD Diss. Barbados: University of the West Indies.
- 2012 Stewart, M.E., and **Baldwin, K.** *Workshops, community outreach and KML for visualization of marine resources in the Grenadine Islands,* in Whitmeyer, S.J., Bailey J.E. De Paor, D.G. and Ornduff, T., eds., *Google Earth and Virtual Visualizations in Geoscience Education and Research: Geological Society of America* 492, p. 63-76.
- 2012 DeGraff, A. and **K. Baldwin.** *Expanding on the Marine Resource and Space Use Information System for the Grenadine Islands with important historical, cultural, and ecological heritage sites.* 15th Annual Society for Conservation GIS Conference, 'Building Resilience', Monterey, CA.
- 2012 **Baldwin, K.** *Developing a Framework for a Comprehensive Marine Multi-use Zoning Plan for the Grenadine Islands.* For The Nature Conservancy, Eastern Caribbean Program. CERMES, University of the West Indies, Barbados.
- 2011 **Baldwin, K.** and R. Mahon. Best student paper award. *A geospatial framework to support ecosystem based management and marine spatial planning for the transboundary Grenadine Islands.* CoastGIS 2011, Oostende, Belgium 4-8 Sept.
- 2011 Butler, M., P. Boudreau, C. LeBlanc and **K. Baldwin.** *Spatial data infrastructure in support of EBM and the ecosystem approach to fisheries in the Caribbean* in 'Towards marine ecosystem-based management in the Wider Caribbean'. Edited by Fanning, L. R. Mahon and P. McConney. Amsterdam: Amsterdam University Press.
- 2011 Stewart, M. and **K. Baldwin.** *Mapping the Grenadine Islands with GIS, Sharing the Data with Google Earth.* Geological Society of America Penrose Conference: Google Earth: Visualizing the Possibilities for Education, Mountain View, CA, 5 Jan.
- 2009 **Baldwin, K.** *Development of the Grenadines Marine Resource Space-use Information System (MarSIS).* ESRI International Users GIS Conference. San Diego, California, 12-17 July.
- 2008 **Baldwin, K.** and S. Punnett. *A Preliminary Investigation of the Queen Conch Fishery in St. Vincent & the Grenadines.* 61st Gulf and Caribbean Fisheries Institute, Guadalupe.
- 2008 Oxenford, H.A., R. Roach, A. Brathwaite, L. Nurse, R. Goodridge, F. Hinds, **K. Baldwin** and C. Finney. *Quantitative observations of a major coral bleaching event in Barbados, southeastern Caribbean.* *Climatic Change* 87: 435-449.
- 2007 **Baldwin, K.,** R. Mahon, P. McConney, and H.A. Oxenford. Student Award Winner. *Stakeholder engagement in the development of a participatory GIS for the Grenadine Islands.* 60th Gulf and Caribbean Fisheries Institute. Punta Cana, Dominican Republic.
- 2006 **Baldwin, K.,** D. Gill, A. Cooke, T. Staskiewicz, D. Lizama, R. Mahon, P. McConney and H.A. Oxenford. *A socio-economic and space-use profile of Grenadine marine resource users.* For The Nature Conservancy, Eastern Caribbean Program. CERMES, University of the West Indies, Barbados.
- 2006 **Baldwin, K.,** R. Mahon, H. Oxenford, A. Cooke, D. Gill, T. Staskiewicz. *A profile of marine resource users in the Grenadines.* 59th Gulf and Caribbean Fisheries Institute. Belize City.
- 2005 **Baldwin, K.,** S. Punnett and C. Smith. *Involving communities in the implementation of Reef Check: Strategies for co-management of marine resources in St. Vincent and the Grenadines.* 58th Gulf and Caribbean Fisheries Institute. San Andres, Columbia.
- 2005 Hunte, W., **Baldwin, K.,** and Goodridge, R. *Temporal Changes in Coral Reef Communities on the West and South Coasts of Barbados: 1987-2002.* Technical Report for the Coastal Zone Management Unit, Government of Barbados.
- 2003 **Baldwin, K.** *Comparing Catch Rates among Conventional and Alternative Fish Trap Designs and their Implications for Fishers.* M.Sc. Thesis. CERMES, University of the West Indies, Barbados.
- 2002 **Baldwin, K.,** H. Oxenford, C. Parker and G. Franklin. *Comparing Juvenile Catch Rates among Conventional Fish Traps and Traps Designed to Reduce Fishing Mortality on Juvenile Reef Fishes.* 55th Gulf and Caribbean Fisheries Institute. Xel-Ha, Mexico.
- 2001 Danylchuk, A.J., M. Rudd, M. Giles and **K. Baldwin.** *Size dependent habitat use of queen conch (Strombus gigas) in East Harbour Lobster and Conch Reserve, Turks and Caicos Islands, BWI.* 54th Gulf and Caribbean Fisheries Institute. Providenciales, Turks and Caicos Islands.