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Professional preparation

University of Hawaii

Biology

B.S. 1995

Appointments

2001–present Research Biologist, Pacific Islands Fisheries Science Center, NOAA Fisheries

1996–2001 Biological Technician, Honolulu Laboratory, National Marine Fisheries Service

Publications

DeMartini, E.E., B.J. Zgliczynski, R.C. Boland, A.M. Friedlander. 2009. Influences of wind-wave exposure on the distribution and density of recruit reef fishes at Kure and Pearl and Hermes Atolls, Northwestern Hawaiian Islands, *Journal of Environmental Biology of Fishes*, 85(4) 319-332

Boland, R.C. B. Zgliczynski, J. Asher, A. Hall, K. Hogrefe and M. Timmers, 2006. Dynamics of debris densities and removal at the Northwestern Hawaiian Islands coral reefs. *Atoll Research Bulletin* 543: 461-470.

Boland, R.C. and F.A. Parrish, 2005. Description of fish assemblages in the black coral beds off Lahaina, Maui, Hawaii. *Pacific Science* 59(3) 411-420.

Parrish, F.A. and R.C. Boland, 2004. Habitat and reef-fish assemblages of bank summits in the Northwestern Hawaiian Islands. *Marine Biology* 144:1065-1073.

Boland, R.C., M. J. Donohue, 2003. Marine debris accumulation in the nearshore marine habitat of the endangered Hawaiian monk seal, *Monachus schauinslandi* 1999-2001. *Mar. Poll. Bull.* 46(2003): 1385-1394.

DeMartini, E.E., F.A. Parrish, and R.C. Boland, 2002. Comprehensive Evaluation of Shallow Reef Fish Populations at French Frigate Shoals and Midway Atoll, Northwestern Hawaiian Islands, (1992/93, 1995-2000) NOAA Technical Memorandum NMFS, NOAA-TM-NMFS-SWFSC-347, 2002.

Donohue, M.J., and R.C. Boland, C. Sramek, and G.A. Antonelis, 2001. Derelict fishing gear in the Northwestern Hawaiian Islands: diving surveys and debris removal at two atolls confirms threat to coral reef ecosystems, *Marine Pollution Bulletin* 42(12): 1301-1312 2001.

Boland, R.C., 1997. A Preliminary survey of the underwater accumulation of derelict nets, at French Frigate Shoals. NOAA Administrative Report, Honolulu Laboratory, Southwest fisheries Science Center, H-97-13, 1997.

Boland, R.C. and F.A. Parrish, In review. Patterns in a catch and release sport fishery targeting *Caranx ignobilis* at Midway Atoll

Conference/Symposia:

- Boland, R.C. F. Parrish, Oral presentation: Patterns in A Catch-And-Release Sport Fishery Targeting A Pristine Stock Of *Caranx Ignobilis* At Midway Atoll, July 2008, 11th International Coral Reef Symposium. Ft. Lauderdale, FL.
- Boland, R.C., F. Parrish, Poster presentation: A description of Fish Assemblages in the Black Coral Beds off of Lahaina, Maui. December 2005, Deep Sea Corals Symposium. Miami, FL.
- Boland, R.C. Oral presentation: The Pacific Islands Fisheries Science Center dive program; meeting the challenges of the Pacific Region. March 2005, American Academy of Underwater Sciences, Groton, CT.
- Boland, R.C., B. Zgliczynski, J. Asher, A. Hall, K. Hogrefe and M. Timmers 2006. Oral Presentation: Estimating the “overfishing” of marine debris by pairing debris removal efforts and accumulation rates. November. 2004, Northwestern Hawaiian Islands Symposium. Honolulu, Hawaii.
- Boland, R.C., F. Parrish, Oral presentation: A description of Fish Assemblages in the Black Coral Beds off of Lahaina, Maui. January 2004, American Geophysicists Union Ocean Sciences Meeting. Portland, Oregon.
- Boland, R.C., R. Ohrel, N. Young, and M. J. Donohue, Oral Presentation: Derelict Fishing Net Characteristics: Aids to Identification and Source. July 2001, Pacific Area Congress (PACON) Annual meeting. Burlingame, CA.
- Boland, R.C., Ohrel, R., Young, N., and Donohue, M. Poster Presentation: Characteristics of Derelict Trawl Net at Two Oceanic Islands, One Tropical and one Subarctic. August 2000, International Conference on Marine Debris. Honolulu, Hawaii.
- Boland, R.C., Poster Presentation: Surveys of Submerged Marine Debris; a Persistent and Ongoing Threat to Endangered Hawaiian Monk Seals. November 1999, 13th Biannual Marine Mammal Conference Biennial meeting. Maui, Hawaii.
- Boland, R.C., F.A. Parrish, Oral presentation: Shallow Water Fishery Survey of French Frigate Shoals. 1993, Marine Option Program Marine Science Symposium, University of Hawaii, Annual Symposium. Kaneohe, Hawaii.
- Boland, R.C., F.A. Parrish, Oral presentation: Surveying the Bottom Habitat of the Lobster Fishery in the Northwestern Hawaiian Islands. 1992, Marine Option Program Marine Science Symposium, University of Hawaii, Annual symposium. Hilo, Hawaii .