## References

- Abbott, I.A., 1999, Marine red algae of the Hawaiian Islands: Honolulu, Bishop Museum Press, 477 p.
- Abbott, I.A., and Huisman, J.M., 2004, Marine green and brown algae of the Hawaiian Islands: Honolulu, Bishop Museum Press, 259 p.
- Acevedo, R.J., Morelock, J., and Olivieri, R.A., 1989, Modification of coral reef zonation by terrigenous sediment stress: Palaios, v. 4, p. 92–100.
- Allen, J.A., 1998, Mangroves as an alien species; the case of Hawaii: Global Ecology and Biogeography Letters, v. 7, p. 61–71.
- Alley, R., Mayewski, P., Peel, D., and Stauffer, B., 1996, Twin ice cores from Greenland reveal history of climate change: Eos (American Geophysical Union Transactions), v. 77, no. 22, p. 209–210.
- Alonghi, D.M., 2002, Present state and future of the world's mangrove forests: Environmental Conservation, v. 29, p. 331–349.
- Alonghi, D.M., and McKinnon, A.D., 2005, The cycling and fate of terrestrially-derived sediments and nutrients in the coastal zone of the Great Barrier Reef shelf: Marine Pollution Bulletin, v. 51, p. 239–252.
- Andrews, J.C., and Pickard, G.L., 1990, The physical oceanography of coral reef systems, *in* Dubinsky, Z., ed., Ecosystems of the world 25; Coral reefs: Amsterdam, Elsevier, p. 11–48.
- Anthony, K.R.N., and Hoegh-Guldberg, O., 2003, Kinetics of photoacclimation in corals: Oecologia, v. 1334, p. 23–31.
- Aronson, R.B., Bruno, J.F., Precht, W.F., Glynn, P.W., Harvell, C.D., Kaufman, L., Rogers, C.S., Shinn, E.A., and Valentine, J.F., 2003, Causes of coral reef degradation: Science, v. 302, p. 1502.
- Atkinson, M.J., and Falter, J.L., 2003, Coral reefs, *in* Black, K., and Shimmield, G., eds., Biogeochemistry of marine systems: Boca Raton, CRC Press, p. 40–64.
- Atkinson, M.J., and Grigg, R.W., 1984, Model of a coral reef ecosystem II; Gross and net benthic primary production at French Frigate Shoals, Hawaii: Coral Reefs, v. 3, p. 13–22.
- Bard, E., Hamelin, B., Fairbanks, R., and Zindler, A., 1990, Calibration of the 14-C timescale over the past 30,000 years using mass spectrometric U-Th ages from Barbados corals: Nature, v. 345, p. 405–409.
- Bard, E., Hamelin, B., Arnold, M., Montaggioni, L., Cabioch, G., Faure, G., and Rougerie, F., 1996, Deglacial sea-level record from Tahiti corals and the timing of global meltwater discharge: Nature, v. 383, p. 241–244.
- Barnes, D.J., and Chalker, B.E., 1990, Calcification and photosynthesis in reefbuilding corals and algae, *in* Dubinsky, Z., ed., Ecosystems of the world; coral reefs: Amsterdam, Elsevier, v. 25, p. 109–131.

- Barnhardt, W.A., Richmond, B.M., Grossman, E.E., and Hart, P., 2005, Possible modes of coral-reef development at Molokai, Hawaii, inferred from seismic-reflection profiling: Geo-Marine Letters, v. 25, no. 5, p. 315–323.
- Bartram, P., 1992, Southeast Moloka'i reef fisheries assessment—1991: Report prepared for Lacayo Planning, 18 p.
- Bell, P.R.F., 1991, Status of eutrophication in the Great-Barrier-Reef lagoon: Marine Pollution Bulletin, v. 23, p. 89–93.
- Bell, P.R.F., Greenfield, P.F., Hawker, D., and Connell, D., 1992, Eutrophication and coral reefs; some examples in the Great-Barrier-Reef lagoon: Water Research, v. 26, p. 553–568.
- Belliveau, S.A., and Paul, V.J., 2002, Effects of herbivory and nutrients on the early colonization of crustose coralline and fleshy algae: Marine Ecology Progress Series, v. 232, p. 105–114.
- Bellwood, D.R., Hughes, T.P., Folke, C., and Nystrom, M., 2004, Confronting the coral reef crisis: Nature, v. 429, p. 827–833.
- Berkelmans, R., Hendee, J.C., Marshall, P.A., Ridd, P.V., Orpin, A.R., and Irvine, D., 2002, Automatic weather stations; tools for managing and monitoring potential impacts to coral reefs: Marine Technology Society Journal, v. 36, no. 1, p. 29–38.
- Blanchon, P., and Jones, B., 1995, Marine-planation terraces on the shelf around Grand Cayman; a result of stepped Holocene sea-level rise: Journal of Coastal Research, v. 11, no. 1, p. 1–33.
- Blanchon, P., and Jones, B., 1997, Hurricane control on shelf-edge-reef architecture around Grand Cayman: Sedimentology, v. 44, p. 479–506.
- Blanchon, P., and Shaw, J., 1995, Reef drowning during the last deglaciation; evidence for catastrophic sea-level rise and ice-sheet collapse: Geology, v. 23, no. 1, p. 4–8.
- Bosscher, H., 1992, Growth potential of coral reefs and carbonate platforms: Utrecht, Vrije Universiteit Amsterdam, Ph.D. dissertation, 160 p.
- Bothner, M.H., Reynolds, R.L., Casso, M.A., Storlazzi, C.D., and Field, M.E., 2006, Quantity composition and source of sediment collected in sediment traps along the fringing coral reef off Molokai, Hawaii: Marine Pollution Bulletin, v. 52, no. 9, p. 1034–1047.
- Bottenfield, V.C., 1958, Changing patterns of land utilization on Molokai: Honolulu, University of Hawai'i, M.A. thesis, 136 p.
- Brainthwaite, C.J.R., Montaggioni, L.F., Camoin, G.F., Dalmasso, H., Dullo, W.C., and Mangini, A., 2000, Origin and development of Holocene coral reefs; a revisited model based on reef boreholes in the Seychelles, Indian Ocean: International Journal of Earth Science, v. 89, p. 431–445.
- Branham, J.M., Reed, S.A., Bailey, J.H., and Caperon, J., 1971, Coral-eating sea stars *Acanthaster planci* in Hawaii: Science, v. 172, p. 1155–1157.

- Brock, R.E., 1979, An experimental study on the effects of grazing by parrotfishes and roles of refuges in benthic community structure: Marine Biology, v. 51, p. 381–388.
- Brock, R.E., 1982, A critique of the visual census method for assessing coral reef fish populations: Bulletin of Marine Science, v. 32, p. 269–276.
- Brock, R.E., Buckley, R.M., and Grace, R.A., 1985, An artificial reef enhancement program for nearshore Hawaiian waters, *in* D'Itri, F.M., ed., Artificial reefs; marine and freshwater applications: Chelsae, Lewis Publishing, p. 317–336.
- Brock, V.E., 1954, A preliminary report on a method of estimating reef fish populations: Journal of Wildlife Management, v. 18, p. 297–308.
- Brown, B.E., 1997, Disturbances to reefs in recent times, *in* Birkeland, C., ed., Life and death of coral reefs: New York, Chapman and Hall, p. 386–410.
- Brown, E.K., 1999, Earthwatch field report: Kihei, Pacific Whale Foundation, 15 p.
- Brown, E.K., 2004, Reef coral populations; spatial and temporal differences observed at six reefs off West Maui: Honolulu, University of Hawai'i, Ph.D. dissertation, 277 p.
- Brown, E.K., Cox, E., Jokiel, P.L., Rogers, S.K., Smith, W.R., Tissot, B., Coles, S.L., and Hultquist, J., 2004, Development of benthic sampling methods for the Coral Reef Assessment and Monitoring Program (CRAMP) in Hawai'i: Pacific Science, v. 58, no. 2, p. 145–158.
- Bryan, E.H., 1954, The Hawaiian Chain: Honolulu, Bishop Museum Press, 71 p.
- Bryant, D., Burke, L., Mcmanus, J., and Spalding, M., 1998, Reefs at risk; a mapbased indicator of threats to the world's coral reefs: Washington, D.C., World Resources Institute, 56 p.
- Buddemeier, R.W., and Hopley, D., 1988, Turn-ons and turn-offs; causes and mechanisms of the initiation and termination of coral reef growth: Sixth International Coral Reef Congress, Townsville, Australia, Proceedings, p. 253–261.
- Calhoun, R.S., and Field, M.E., 2008, Sand composition and transport history on a fringing coral reef, Moloka'i, Hawai'i: Journal of Coastal Research, v. 24, p. 1151–1160.
- Calhoun, R.S., Fletcher, C.H., III, and Harney, J.N., 2002, A budget of marine and terrigenous sediments, Hanalei Bay, Kauai, Hawaiian Islands: Sedimentary Geology, v. 150, p. 61–87.
- Campbell, J.F., 1986, Subsidence rates for the southeastern Hawaiian Islands determined from submerged terraces: Geo-Marine Letters, v. 6, p. 139–146.
- Carpenter, R.C., 1985, Relationships between primary production and irradiance in coral reef algal communities: Limnology and Oceanography, v. 30, p. 784–793.
- Carpenter, R.C., 1986, Partitioning herbivory and its effects on coral-reef algal communities: Ecological Monographs, v. 56, p. 345–363.

- Carr, R.S., 1998, Marine and estuarine porewater toxicity testing, *in* Wells, P.G., Lee, K., and Blaise, C., eds., Microscale testing in aquatic toxicology—advances, techniques, and practice: Boca Raton, CRC Press, p. 523–538.
- Carr, R.S., and Nipper, M., 1998, Preliminary survey of sediment toxicity in the vicinity of Honolulu, Hawaii: Report prepared for U.S. Geological Survey, Geologic Division, Menlo Park, California, 18 p.
- Carr, R.S., and Nipper, M., 2001, Toxicity testing of sediments from Molokai Hawaii: Report prepared for U.S. Geological Survey, Pacific Science Center, Coastal and Marine Geology Program, Santa Cruz, California, 13 p.
- Carr, R.S., and Nipper, M., 2003, Toxicity testing of sediments from Molokai and Maui, Hawaii: Report prepared for U.S. Geological Survey, Pacific Science Center, Coastal and Marine Geology Program, Santa Cruz, California, 17 p.
- Carr, R.S., Chapman, D.C., Presley, B.J., Biedenbach, J.M., Robertson, L., Boothe, P., Kilada, R., Wade, R., and Montagna, P., 1996, Sediment porewater toxicity assessment studies in the vicinity of offshore oil and gas production platforms in the Gulf of Mexico: Canadian Journal of Fisheries and Aquatic Sciences, v. 53, p. 2618–2628.
- Carr, R.S., Nipper, M., and Plumlee, G., 2003, Survey of marine contamination from mining-related activities on Marinduque Island, Philippines; porewater toxicity and chemistry: Aquatic Ecosystem Health and Management, v. 6, p. 369–379.
- Chavez, P.S., Jr., Isbrecht, J., and Cochran-Marquez, S.A., 2004, Use of remote sensing to detect and map suspended sediment on a reef due to on-land runoff and wind resuspension; Molokai, Hawaii: Eos (American Geophysical Union Transactions), v. 85, no. 28, Abstract H23C-03.
- Clague, D.A., and Dalrymple, G.B., 1989, Tectonics, geochronology, and origin of the Hawaiian Chain, *in* Winterer, E.L., Hussong, D.M., and Decker, R.W., eds., The Eastern Pacific Ocean and Hawaii: Boulder, Colorado, Geological Society of America, The Geology of North America, v., N, p. 188–217.
- Cobb, J.N., 1905, The commercial fisheries of the Hawaiian Islands: Bulletin of the U.S. Fish Commission, v. XXIII for 1903, Part III, p. 715–765.
- Cochran-Marquez, S.A., 2005, Moloka'i benthic habitat mapping: U.S. Geological Survey Open-File Report 2005-1070, 18 p.
- Coffin, R.B., Cifuentes, L.A., and Edlridge, P.M., 1994, The use of stable carbon isotopes to study microbial processes in estuaries, *in* Lajtha, K., and Michener, R., eds., Stable isotopes in ecology and environmental science: Oxford, Blackwell Scientific, p. 222–240.
- Coles, S.L., 1998, Kahe generating station NPDES monitoring report for 1997: Kihei, AECOS, Inc., 31 p.
- Coles, S.L., and Jokiel, P.L., 1992, Effects of salinity on coral reefs, *in* Connell, D.W., and Hawker, D.W., eds., Pollution in tropical aquatic systems: London, CRC Press, p. 170–191.
- Conklin, E.J., and Smith, J.E., 2005, Abundance and spread of the invasive red algae, *Kappaphycus* spp., in Kane'ohe Bay, Hawai'i and an experimental assessment of management options: Biological Invasions, v. 7, p. 1029–1039.

- Connell, J.H., 1973, Population ecology of reef-building corals, *in* Jones, O.A., and Endean, R., eds., Biology and geology of coral reefs; Volume II; Biology I: New York, Academic Press, p. 205–245.
- Connell, J.H., Hughes, T.P., and Wallace, C.C., 1997, A 30-year study of coral abundance, recruitment, and disturbance at several scales in space and time: Ecological Monographs, v. 67, p. 461–488.
- Cooke, G.P., 1949, Moolelo o Molokai, a ranch story of Molokai: Honolulu, Honolulu Star-Bulletin, 164 p.
- Cousteau, J-Y., 1985, The Ocean World: New York, H.N. Abrams, Inc., 446 p.
- Cox, E.F., and Allen, J.A., 1999, Stand structure and productivity of the introduced *Rhizophora mangle* in Hawaii: Estuaries, v. 22, p. 276–284.
- Coyne, M.S., Batista, T.A., Anderson, M., Waddell, J., Smith, W.R., Jokiel, P.L., Kendall, M.S., and Monaco, M.E., 2003, Benthic habitats of the main Hawaiian Islands: NOAA Technical Memorandum NOS NCCOS CCMA 152, [http://ccma.nos.noaa.gov/products/biogeography/hawaii\_cd/index.htm, last accessed April 29, 2008].
- Daly, R.A., 1915, The glacial-control theory of coral reefs: Proceedings of the American Academy of Arts and Sciences, v. 51, p. 155–251.
- Darwin, C., 1842, The structure and distribution of coral reefs: London, Smith Elder and Co., 214 p.
- de Loach, L.F., 1975, Land and people on Moloka'i; an overview: Manoa, University of Hawai'i, M.A. thesis, 142 p.
- DeMartini, E.E., and Friedlander, A.M., 2004, Spatial patterns of endemism in shallow reef fish populations of the Northwestern Hawaiian Islands: Marine Ecology Progress Series, v. 271, p. 281–296.
- Denny, M.W., 1988, Biology and the mechanics of the wave-swept environment: Princeton, New Jersey, Princeton University Press, 329 p.
- Detrick, R.S., and Crough, S.T., 1978, Island subsidence, hotspots, and lithospheric thinning: Journal of Geophysical Research, v. 83, p. 1236–1244.
- DeVantier, L.M., De'ath, G., Done, T.J., and Turak, E., 1998, Ecological assessment of a complex natural system; a case study from the Great Barrier Reef: Ecological Applications, v. 8, p. 480–496.
- Diamond, J., 2005, Collapse; how societies choose to fail or succeed: New York, Penguin Books, 575 p.
- Diaz-Pulido, G., and McCook, L.J., 2003, Relative roles of herbivory and nutrients in the recruitment of coral-reef seaweeds: Ecology, v. 84, p. 2026–2033.
- D'Iorio, M., 2003, Mangroves and shoreline change on Molokai, Hawaii; assessing the role of introduced *Rhizophore mangle* in sediment dynamics and coastal change using remote sensing and GIS: Santa Cruz, University of California, Ph.D. dissertation, 191 p.
- Di Toro, D.M., Zarba, C.S., Hansen, D.J., Berry, W.J., Swartz, R.C., Cowan, C.E., Pavlou, S.P., Allen, H.E., Thomas, N.A., and Paquin, P.R., 1991, Technical basis for establishing sediment quality criteria for nonionic organic chemicals using equilibrium partitioning: Environmental Toxicology and Chemistry, v. 10, p. 1541–1583.

- Dollar, S.J., 1982, Wave stress and coral community structure in Hawaii: Coral Reefs, v. 1, p. 71–81.
- Dollar, S.J., and Atkinson, M.J., 1992, Effects of nutrient subsidies from ground-water to nearshore marine ecosystems off the island of Hawaii: Estuarine, Coastal and Shelf Science, v. 35, p. 409–424.
- Dollar, S.J., and Tribble, G.W., 1993, Recurrent storm disturbance and recovery; a long-term study of coral communities in Hawaii: Coral Reefs, v. 12, p. 223–233.
- Done, T.J., 1983, Coral zonation; it's nature and significance, Perspectives on coral reefs: Townsville, Australian Institute of Marine Research, p. 69–106.
- Done, T.J., 1992, Constancy and change in some Great Barrier reef coral communities; 1980-1990: American Zoologist, v. 32, p. 655–662.
- Done, T.J., and Reichelt, R.E., 1998, Integrated coastal zone and fisheries ecosystem management; generic goals and performance indices: Ecological Applications, v. 8, p. S110–S118.
- Dorenbosch, M., Grol, M.G.G., Christiansen, M.J.A., Nagelkerken, I., and van der Velde, G., 2005, Indo-Pacific seagrass beds and mangroves contribute to fish density and diversity on adjacent coral reefs: Marine Ecology Progress Series, v. 302, p. 63–76.
- Douglas, B., 1991, Global sea level rise: Journal of Geophysical Research, v. 96, no. C4, p. 6981–6992.
- Douglas, B., Kearney, M., and Leatherman, S., 2000, Sea level rise; history and consequences: San Diego, CA, Academic Press, 232 p.
- Duke, N.C., 1992, Mangrove floristics and biogeography, *in* Robertson, A.I., and Alohgi, D.M., eds., Tropical mangrove ecosystems: Coastal and Estuarine Studies Series: Washington, D.C., American Geophysical Union, p. 63–100.
- Dunham, R.J., 1962, Classification of carbonate rocks according to depositional texture, *in* Ham, W.E., ed., Classification of carbonate rocks, American Association of Petroleum Geologists, Memoir 1, p. 175–192.
- Dustan, P., 1979, Distribution of zooxanthellae and photosynthetic chloroplast pigments of the reef-building coral *Monastera annularis*, Ellis and Solander, in relation to depth on a West Indian reef: Bulletin of Marine Science, v. 29, p. 79–95.
- Easton, W.H., and Olson, E.A., 1976, Radiocarbon profile of Hanauma Bay, Oahu, Hawaii: Geological Society of America Bulletin, v. 87, p. 711–719.
- Edmunds, P.J., 2000, Patterns in the distribution of juvenile corals and coral reef community structure in St. John, US Virgin Islands: Marine Ecology Progress Series, v. 202, p. 113–124.
- Edmunds, P.J., 2002, Long-term dynamics of coral reefs in St. John, US Virgin Islands: Coral Reefs, v. 21, p. 357–367.
- Edwards, R.L., Beck, J.W., Burr, G.S., Donahue, D.L., Chappel, J.M.A., Bloom, A.L., Druffel, E.R.M., and Taylor, F.W., 1993, A large drop in atmospheric 14C/12C and reduced melting in the younger Dryas, documented with 230Th ages of corals: Science, v. 260, p. 962–968.

- Eldredge, L.G., 1994, Perspectives in aquatic exotic species management in the Pacific Islands; Volume 1; Introductions of commercially significant aquatic organisms to the Pacific Islands: South Pacific Commission Inshore Fisheries Research Project Technical Document No. 7, SPREP Report and Studies Series No. 78, p. 127.
- Ellison, J.C., 1999, Present status of Pacific Island mangroves, *in* Eldredge, L.G., Maragos, J.E., and Holthus, P.L., eds., Population, development and conservation priorities: Marine and Coastal Biodiversity in the Tropical Island Pacific Region, v., II, p. 3–19.
- Embry, A.F., and Klovan, J.E., 1971, A late Devonian reef tract on north-eastern Banks Island, N.W.T.: Bulletin of Canadian Petroleum Geology, v. 19, p. 730–781.
- Engels, M.S., Fletcher, C.H., III, Field, M.E., Storlazzi, C.D., Grossman, E.E., Rooney, J.B., Conger, C.L., and Glenn, C., 2004, Holocene reef accretion; southwest Molokai, Hawaii, U.S.A.: Journal of Sedimentary Research, v. 74, no. 2, p. 255–269.
- Faber, J.M., 1997, Ancient Hawaiian fishponds: Encinitas, California, Neptune House, 110 p.
- Fabricius, K.E., 2005, Effects of terrestrial runoff on the ecology of corals and coral reefs; review and synthesis: Marine Pollution Bulletin, v. 50, p. 125–146.
- Fairbanks, R.G., 1989, A 17,000-year long glacio-eustatic sea level record; influence of glacial melting rates on the Younger Dryas event and deep-ocean circulation: Nature, v. 342, p. 637–642.
- Fenner, D., 2005, Corals of Hawai'i: Honolulu, Mutual Publishing, 144 p.
- Fernando, H.J.S., McCulley, J.L., Mendis, S.G., and Perera, K., 2005, Coral poaching worsens tsunami destruction in Sri Lanka: Eos (American Geophysical Union Transactions), v. 86, no. 33, p. 301.
- Fitzhardinge, R.C., 1993, The ecology of juvenile Hawaiian corals: Honolulu, University of Hawaii, Ph.D. dissertation, 252 p.
- Flament, P., 1996, The ocean atlas of Hawaii: [http://radlab.soest.hawaii.edu/atlas/, last accessed April 29, 2008].
- Fletcher, C.H., III, and Jones, A., 1996, Sea-level highstand recorded in Holocene shoreline deposits on Oahu, Hawaii: Journal of Sedimentary Research, v. 66, no. 3, p. 632–641.
- Fletcher, C.H., III, and Sherman, C.E., 1995, Submerged shorelines on Oahu, Hawaii; archive of episodic transgression during the deglaciation?: Journal of Coastal Research, Special Issue, no. 17, p. 141–152.
- Fletcher, C.H., III, Grossman, E.E., Sherman, C., Harney, J., Rubin, K., Murray-Wallace, C., and Edwards, L., 2001, Complex origin and structure of the Oahu carbonate shelf, Hawaiian Islands: Geological Society of America Abstracts with Programs, v. 33, no. A-408.
- Fletcher, C.H., III, Grossman, E.E., Richmond, B.M., and Gibbs, A.E., 2002, Atlas of natural hazards in the Hawaiian coastal zone: U.S. Geological Survey Geologic Investigations Series I-2761, 182 p.

- Folk, R.L., 1974, Petrology of sedimentary rocks: Austin, Texas, Hemphill Publishing Co., 182 p.
- Folk, R.L., and Ward, N.C., 1957, Brazos River bar; a study in the significance of grain size parameters: Journal of Sedimentary Petrology, v. 27, p. 3–26.
- Fortes, M., 2000, The effects of siltation on tropical coastal ecosystems, *in* Wolanski, E., ed., Oceanographic processes of coral reefs: Boca Raton, CRC Press, p. 93–112.
- Friedlander, A.M., ed., 2004, Status of Hawaii's coastal fisheries in the new millennium; proceedings of the 2001 Fisheries Symposium: Honolulu, American Fisheries Society, Hawai'i Chapter, 230 p.
- Friedlander, A.M., and Brown, E.K., 2004, Marine protected areas and community-based fisheries management in Hawaii, *in* Friedlander, A.M., ed., Status of Hawaii's coastal fisheries in the new millennium; proceedings of the 2001 Fisheries Symposium: Honolulu, American Fisheries Society, Hawai'i Chapter, p. 208–230.
- Friedlander, A.M., and DeMartini, E.E., 2002, Contrasts in density, size, and biomass of reef fishes between the Northwestern and the Main Hawaiian Islands; the effects of fishing down apex predators: Marine Ecology Progress Series, v. 230, p. 253–264.
- Friedlander, A., Poepoe, K., Helm, K., Bartram, P., Maragos, J., and Abbott, I., 2002a, Application of Hawaiian traditions to community-based fishery management: Ninth International Coral Reef Symposium, Bali, Indonesia, Proceedings, p. 813–818.
- Friedlander, A.M., Parrish, J.D., and DeFelice, R.C., 2002b, Ecology of the introduced snapper *Lutjanus kasmira* in the reef fish assemblage of a Hawaiian bay: Journal of Fish Biology, v. 60, p. 28–48.
- Friedlander, A.M., Brown, E.K., Jokiel, P.L., Smith, W.R., and Rodgers, K.S., 2003, Effects of habitat, wave exposure, and marine protected area status on coral reef fish assemblages in the Hawaiian archipelago: Coral Reefs, v. 22, p. 291–305.
- Friedlander, A.M., Aeby, G., Brown, E., Clark, A., Coles, S., Dollar S., Hunter, C., Jokiel, P., Smith, J., Walsh, B., Williams, I., and Wiltse, W., 2005, The state of coral reef ecosystems of the main Hawaiian Islands, *in* Waddell, J.E., ed., The state of coral reef ecosystems of the United States and Pacific Freely Associated States: Silver Spring, NOAA Technical Memorandum NOS NCCOS 11, [http://ccma.nos.noaa.gov/ecosystems/coralreef/coral\_report\_2005/CoralReport2005\_C. pdf, last accessed April 29, 2008, p. 231–278].
- Garrison, G., Glenn, C., and McMurtry, G., 2003, Measurement of submarine ground-water discharge in Kahana Bay, Oahu, Hawaii: Limnology and Oceanography, v. 48, no. 2, p. 920–928.
- Gast, R.H., 1982, Traveling Hawaiian byways with pen and camera; extracts from my 1936 logbook: Julian, California, Old Blanc House Press, 56 p.
- Geister, J., 1977, The influence of wave exposure on the ecological zonation of Caribbean coral reefs: Third International Coral Reef Symposium, Miami, Florida, Proceedings, p. 23–29.
- Giambelluca, T.W., and Schroeder, T.A., 1998, Climate, *in* Juvik, S.P., and Juvik, J.O., eds., Atlas of Hawaii: Honolulu, University of Hawaiii Press, p. 49–59.

- Giambelluca, T.W., Nullet, M.A., and Schroeder, T.A., 1986, Rainfall atlas of Hawaii: Hawai'i Department of Land and Natural Resources Report R76, 267 p.
- Governor's Moloka'i Subsistence Task Force, 1994, Final Report: Government of the State of Hawai'i, 222 p.
- Gratwicke, B., and Speight, M.R., 2005, Effects of habitat complexity on Caribbean marine fish assemblages: Marine Ecology Progress Series, v. 292, p. 301–310.
- Graus, R.R., Macintyre, I.G., and Herchenroder, B.E., 1984, Computer simulation of the reef zonation at Discovery Bay, Jamaica; hurricane disruption and long-term physical oceanographic controls: Coral Reefs, v. 3, p. 59–68.
- Grigg, R.W., 1983, Community structure, succession and development of coral reefs in Hawaii: Marine Ecology Progress Series, v. 11, p. 1–14.
- Grigg, R.W., 1987, Paleoceanography of coral reefs in the Hawaiian-Emperor chain: Science, v. 240, no. 4860, p. 1737–1743.
- Grigg, R.W., 1998, Holocene coral reef accretion in Hawaii, a function of wave exposure and sea level history: Coral Reefs, v. 17, p. 263–272.
- Grigg, R.W., and Dollar, S.J., 1990, Natural and anthropogenic disturbance on coral reefs, *in* Dubinsky, Z., ed., Coral reefs: Amsterdam, Elsevier, Ecosystems of the World, v. 25, p. 439–452.
- Grigg, R.W., and Maragos, J.E., 1974, Recolonization of hermatypic corals on submerged lava flows in Hawaii: Ecology, v. 55, p. 387–395.
- Grigg, R.W., Grossman, E.E., Earle, S.A., Gittings, S.R., Lott, D., and McDonough, J., 2002, Drowned reefs and antecedent karst topography, Au'au Channel, S.E. Hawaiian Islands: Coral Reefs, v. 21, p. 73–82.
- Grossman, E.E., 2001, Holocene sea level history and reef development in Hawai'i and the central Pacific Ocean: Honolulu, University of Hawaii, Ph.D. dissertation, 251 p.
- Grossman, E.E., and Fletcher, C.H., III, 1998, Sea level higher than present 3,500 years ago on the northern main Hawaiian Islands: Geology, v. 26, no. 4, p. 363–366.
- Grossman, E.E., and Fletcher, C.H., III, 2004, Holocene reef development where wave energy reduces accommodation space, Kailua Bay, windward Oahu, Hawaii, U.S.A.: Journal of Sedimentary Research, v. 74, no. 1, p. 49–63.
- Grossman, E.E., Fletcher, C.H., III, and Richmond, B.M., 1998, The Holocene sea-level highstand in the equatorial Pacific; analysis of the insular paleosea-level database: Coral Reefs, v. 17, p. 309–327.
- Grossman, E.E., Barnhardt, W.A., Hart, P., Richmond, B.M., and Field, M.E., 2006, Shelf stratigraphy and the influence of antecedent substrate on Holocene reef development, south Oahu, Hawaii: Marine Geology, v. 226, nos. 1-2, p. 97–114.
- Guilcher, A., 1985, Natural and human changes of sedimentation in lagoons behind barrier reefs in the humid tropics: Fifth International Coral Reef Congress, Tahiti, Proceedings, p. 207–212.
- Haitzer, M., Hoss, S., Traunspurger, W., and Steinberg, C., 1998, Effects of dissolved organic matter (DOM) on the bioconcentration of organic chemicals in aquatic organisms—a review: Chemosphere, v. 37, p. 1335–1362.

- Handy, E.S.C., 1931, Cultural revolution in Hawaii, Fourth General Session of the Institute of Pacific Relations, Hangchow, China: New York, American Council of the Institute of Pacific Relations, p. 40.
- Harney, J.N., and Fletcher, C.H., III, 2003, A budget of carbonate framework and sediment production, Kailua Bay, Oahu, Hawaii: Journal of Sedimentary Research, v. 73, p. 856–868.
- Harney, J.N., Grossman, E.E., Richmond, B.M., and Fletcher, C.H., III, 2000, Age and composition of carbonate shoreface sediments, Kailua Bay, Oahu, Hawaii: Coral Reefs, v. 19, p. 141–154.
- Harrington, L., Fabricius, K., De'Ath, G., and Negri, A., 2004, Recognition and selection of settlement substrata determine post-settlement survival in corals: Ecology, v. 85, p. 3428–3437.
- Harriott, V.J., 1992, Recruitment patterns of scleractinian corals in an isolated subtropical reef system: Coral Reefs, v. 11, p. 215–219.
- Henke, L.A., 1929, A survey of livestock in Hawaii: Honolulu, University of Hawaii, 82 p.
- Hlawati, I.H., 2002, Loko I'a; a legal guide to the restoration of native Hawaiian fishponds within the western paradigm: University of Hawai'i Law Review, v. 24, p. 657–692.
- Hodgson, G., 1997, Resource use; conflicts and management solutions, *in* Birkeland, C., ed., Life and death of coral reefs: New York, Chapman and Hall, p. 386–410.
- Hodgson, G., and Dixon, J.A., 1992, Sedimentation damage to marine resources; environmental and economic analysis, *in* Marsh, J.B., ed., Resources and environment in Asia's marine sector: Washington D.C., Taylor and Francis, p. 421–446.
- Hoegh-Guldberg, O., Mumby, P.J., Hooten, A.J., Steneck, R.S., Greenfield, P.,
  Gomez, E., Harvell, C.D., Sale, P.F., Edwards, A.J., Caldeira, K., Knowlton,
  N., Eakin, C.M., Iglesias-Prieto, R., Muthiga, N., Bradbury, R.H., Dubi, A., and
  Hatziolos, M.E., 2007, Coral reefs under rapid climate change and ocean acidification: Science, v. 318, p. 1737–1742.
- Hubbard, D.K., 1997, Reefs as dynamic systems, *in* Birkeland, C., ed., Life and death of coral reefs: New York, Chapman and Hall, p. 43–67.
- Hubbard, D.K., Miller, A.I., and Scaturo, D., 1990, Production and cycling of calcium carbonate in a shelf-edge reef system (St. Croix, U.S. Virgin Islands); applications to the nature of reef systems in the fossil record: Journal of Sedimentary Research, v. 60, p. 335–360.
- Hughes, T.P., 1985, Life histories and population dynamics of early successional corals: Fifth International Coral Reef Symposium, Tahiti, Proceedings, p. 101–106.
- Hughes, T.P., 1993, Coral reef degradation; a long-term study of human and natural impacts: Colloquium on global aspects of coral reefs; health, hazards, and history, University of Miami, Florida, Proceedings, p. 208–213.
- Hughes, T.P., 1994, Catastrophes, phase shifts, and large-scale degradation of a Caribbean coral reef: Science, v. 265, p. 1547–1551.
- Hughes, T.P., and Connell, J.H., 1999, Multiple stressors on coral reefs; a long-term perspective: Limnology and Oceanography, v. 44, p. 932–940.

- Hughes, T.P., Reed, D.C., and Boyle, M.J., 1987, Herbivory on coral reefs; community structure following mass mortalities of sea-urchins: Journal of Experimental Marine Biology and Ecology, v. 113, p. 39–59.
- Hughes, T.P., Baird, A.H., Dinsdale, E.A., Moltschaniwskyj, N.A., Pratchett, M.S., Tanner, J.E., and Willis, B.L., 1999a, Patterns of recruitment and abundance of corals along the Great Barrier Reef: Nature, v. 397, p. 59–63.
- Hughes, T.P., Szmant, A.M., Steneck, R., Carpenter, R., and Miller, S., 1999b, Algal blooms on coral reefs; what are the causes?: Limnology and Oceanography, v. 44, p. 1583–1586.
- Hughes, T.P., Baird, A.H., Dinsdale, E.A., Moltschaniwskyj, N.A., Pratchett, M.S., Tanner, J.E., and Willis, B.L., 2000, Supply-side ecology works both ways; the link between benthic adults, fecundity, and larval recruits: Ecology, v. 81, p. 2241–2249.
- Hughes, T.P., Baird, A.H., Bellwood, D.R., Card, M., Connolly, S.R., Folke, C.,
  Grosberg, R., Hoegh-Guldberg, O., Jackson, J.B.C., Kleypas, J., Lough, J.M.,
  Marshall, P., Nystrom, M., Palumbi, S.R., Pandolfi, J.M., Rosen, B., and Roughgarden, J., 2003a, Climate change, human impacts, and the resilience of coral reefs: Science, v. 301, p. 929–933.
- Hughes, T.P., Baird, A.H., Bellwood, D.R., Connoly, S.R., Folke, C., Grosberg, R.,
  Hoegh-Guldberg, O., Jackson, J.B.C., Kleypas, J., Lough, J.M., P., Marshall,
  Nystrom, M., Palumbi, S.R., Pandolfi, J.M., Rosen, B., and Roughgarden, J.,
  2003b, Causes of coral reef degradation; response: Science, v. 302, p. 1503–1504.
- Hui Malama o Mo'omomi, 1995, Proposal to designate Mo'omomi community-based subsistence fishing area, northwest coast of Moloka'i: State of Hawaii, Department of Land and Natural Resources, 37 p.
- Humann, P., 1993, Reef coral identification: Jacksonville, Florida, New World Publications, Inc., 252 p.
- Hutchings, P.A., and Peyrot-Clausade, M., 2002, The distribution and abundance of boring species of polychaetes and sipunculans in coral substrates in French Polynesia: Journal of Experimental Marine Biology and Ecology, v. 269, p. 101–121.
- Islam, M.S., and Wahab, M.A., 2005, A review on the present status and management of mangrove wetland habitat resources in Bangladesh with emphasis on mangrove fisheries and aquaculture: Hydrobiologica, v. 542, p. 165–190.
- Jackson, G.E.G., 1882, Kamaloo Harbor, Molokai [map]: Hawai'i Government Survey, scale 1:300.
- Jackson, J.B.C., Kirby, M.X., Berger, W.H., Bjorndal, K.A., Botsford, L.W., Bourque, B.J., Bradbury, R.H., Cooke, R., Erlandson, J., Estes, J.A., Hughes, T.P., Kidwell, S., Lange, C.B., Lenihan, H.S., Pandolfi, J.M., Peterson, C.H., Steneck, R.S., Tegner, M.J., and Warner, R.R., 2001, Historical overfishing and the recent collapse of coastal ecosystems: Science, v. 293, p. 629–638.
- Johannes, R.E., 1978, Traditional marine conservation methods in Oceania and their demise: Annual Review of Ecology and Systematics, v. 9, p. 349–364.
- Johannes, R.E., 1997, Traditional coral-reef fisheries management, *in* Birkeland, C., ed., Life and death of coral reefs: New York, Chapman and Hall, p. 380–385.

- Jokiel, P.L., and Brown, E.K., 2004, Global warming, regional trends and inshore environmental conditions influence coral bleaching in Hawaii: Global Change Biology, v. 10, p. 1627–1641.
- Jokiel, P.L., and Cowdin, H.P., 1976, Hydromechanical adaptation in the solitary free-living coral, *Fungia scutaria*: Nature, v. 262, p. 212–213.
- Jokiel, P.L., Hunter, C.L., Taguchi, S., and Watarai, L., 1993, Ecological impact of a fresh water "reef kill" in Kaneohe Bay, Oahu, Hawaii: Coral Reefs, v. 12, p. 177–184.
- Jokiel, P.L., Brown, E.K., Friedlander, A., Rodgers, K.S., and Smith, W.R., 2001, Hawaii Coral Reef Initiative Coral Reef Assessment and Monitoring Program (CRAMP) Final Report 1999-2000: Kaneohe, Hawaii Institute of Marine Biology, 66 p.
- Jokiel, P.L., Brown, E.K., Friedlander, A., Rodgers, K.S., and Smith, W.R., 2004, Hawaii Coral Reef Assessment and Monitoring Program; spatial patterns and temporal dynamics in reef coral communities: Pacific Science, v. 58, p. 159–174.
- Jokiel, P.L., Rodgers, K.S., Brown, E.K., Kenyon, J., Aeby, G., Smith, W.R., and Farrell, F., 2005, Comparison of methods used to estimate coral cover in the Hawaiian Islands: Report to the Northwestern Hawaiian Islands Ecosystem Reserve, Honolulu, 22 p.
- Jompa, J., and McCook, L.J., 2002, Effects of competition and herbivory on interactions between a hard coral and a brown alga: Journal of Experimental Marine Biology and Ecology, v. 271, p. 25–39.
- Jompa, J., and McCook, L.J., 2003, Coral-algal competition; macroalgae with different properties have different effects on corals: Marine Ecology Progress Series, v. 258, p. 87–95.
- Jonsson, I.G., 1966, Wave boundary layers and friction factors: Tenth International Conference on Coastal Engineering, Proceedings, p. 127–148.
- Judd, G.P., 1936, Puleoo; the story of Molokai: Honolulu, Porter Publishing Co., 28 p.
- Juvik, S.P., and Juvik, J.O., eds., 1998, Atlas of Hawaii: Honolulu, University of Hawaii Press, 333 p.
- Kamakau, S.M., 1839, Na Hana a ka Po'e Kahiko [The works of the people of old], translated by M.K. Pukui: Bernice P. Bishop Museum, 170 p.
- Karlson, R.H., 1999, Dynamics of coral communities: Dordrecht, Kluwer Academic Publishers, 250 p.
- Keesing, F.M., 1936, Hawaiian homesteading on Molokai: Honolulu, University of Hawaii, 133 p.
- Kendall, M.S., Buja, D.R., Christensen, J.D., Kruer, C.R., and Monaco, M.E., 2004, The seascape approach to coral ecosystem mapping; an integral component of understanding the habitat utilization patterns of reef fish: Bulletin of Marine Science, v. 75, no. 2, p. 225–237.
- Kepler, A.K., and Kepler, C.B., 1991, Majestic Molokai; a nature lover's guide: Honolulu, Mutual Publishing, 144 p.

- Kingsford, M.J., Leis, J.M., Shanks, A., Lindeman, K.C., Morgan, S.G., and Pineda, J., 2002, Sensory environment, larval abilities and local self-recruitment: Bulletin of Marine Science, v. 70, p. S309–S340.
- Lamothe, P.J., Meier, A.L., and Wilson, S., 1999, The determination of forty-four elements in aqueous samples by inductively coupled plasma B mass spectrometry: U.S. Geological Survey Open-File Report 99-151, 14 p.
- Lander, J.F., and Lockridge, P.A., 1989, United States tsunamis (including United States possessions) 1690-1988: Boulder, Colorado, U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Publication 41-2, 265 p.
- Lapointe, B.E., 1997, Nutrient thresholds for bottom-up control of macroalgal blooms on coral reefs in Jamaica and southeast Florida: Limnology and Oceanography, v. 42, p. 1119–1131.
- Lea, D., Martin, P., Pak, D., and Spero, H., 2002, Reconstructing a 350 ky history of sea level using planktonic Mg/Ca and oxygen isotope records from a Cocos Ridge core: Quaternary Science Reviews, v. 21, p. 283–293.
- Leichter, J., Stewart, J., and Miller, S., 2003, Episodic nutrient transport to Florida coral reefs: Limnology and Oceanography, v. 48, no. 4, p. 1394–1407.
- Littler, M.M., 1980, Morphological form and phytosynthetic performances of marine macroalgae—tests of a functional-form hypothesis: Botanica Marina, v. 23, p. 161–165.
- Littler, M.M., Littler, D.S., and Titlyanov, E.A., 1991, Comparisons of N-limited and P-limited productivity between high granitic islands versus low carbonate atolls in the Seychelles Archipelago—a test of the relative-dominance paradigm: Coral Reefs, v. 10, p. 199–209.
- Lobban, C.S., and Harrison, P.J., 1994, Seaweed ecology and physiology: New York, Cambridge University Press, 366 p.
- Loch, K., Loch, W., Schuhmacher, J., and See, W.R., 2002, Coral recruitment and regeneration on a Maldivian reef 21 months after the coral bleaching event of 1998: Marine Ecology, v. 23, no. 3, p. 219–236.
- Long, E.R., MacDonald, D.D., Smith, S.L., and Calder, D.F., 1995, Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments: Environmental Management, v. 19, no. 1, p. 81–97.
- Lowe, M.K., 1996, Protecting the future of small-scale fisheries in an economy dominated by tourism and coastal development, based on the results of the main Hawaiian Islands marine resources investigation (MHI-MRI), *in* Nagata, S., ed., Ocean resources; development of marine tourism, fisheries, and coastal management in the Pacific Islands area: Honolulu, Proceedings of the Sixth Pacific Islands Area Seminar, Tokai University, p. 137–142.
- Lowe, M.K., 2004, The status of inshore fisheries ecosystems in the main Hawaiian Islands at the dawn of the millennium; cultural impacts, fisheries trends and management, *in* Friedlander, A.M., ed., Status of Hawaii's coastal fisheries in the new millennium, Proceedings of the 2001 Fisheries Symposium: Honolulu, American Fisheries Society, Hawai'i Chapter, p. 7–109.
- Ludwig, J.A., and Reynolds, J.F., 1988, Statistical ecology; a primer in methods and computing: New York, John Wiley & Sons, 368 p.

- MacCaughy, V., 1917, The mangrove in the Hawaiian Islands: Hawaiian Forester and Agriculturist, v. 14, p. 361–365.
- Macintyre, I.G., 1997, Reevaluating the role of crustose coralline algae in the construction of coral reefs: Eighth International Coral Reef Symposium, Panama City, Panama, Proceedings, p. 725–730.
- Macintyre, I.G., Glynn, P.W., and Steneck, R.S., 2001, A classic Caribbean algal ridge, Holandes Cays, Panama; an algal coated storm deposit: Coral Reefs, v. 20, p. 95–105.
- Mahony, J.D., Di Toro, D.M., Gonzalez, A.M., Curto, M., Dilg, M., Derosa, L.D., and Sparrow, L.A., 1996, Partitioning of metals to sediment organic carbon: Environmental Toxicology and Chemistry, v. 15, p. 2187–2197.
- Manoa Mapworks, 1984, Molokai coastal resource atlas: U.S. Army Corps of Engineers, Pacific Ocean Division, 357 p.
- Maragos, J.E., 1977, Protozoa through Ctenophora; section 1, *in* Devaney, D.M., and Eldredge, L.G., eds., Reef and shore fauna of Hawaii: Honolulu, Bishop Museum Press, p. 1–278.
- Marsh, J.A., and Smith, S.V., 1978, Productivity measurements of coral reefs in flowing water, *in* Stoddart, D.R., and Johannes, R.E., eds., Coral reefs; research methods: Paris, UNESCO, p. 361–378.
- Massel, S.R., and Done, T.J., 1993, Effects of cyclone waves on massive coral assemblages on the Great Barrier Reef; meterology, hydrodynamics, and demography: Coral Reefs, v. 12, p. 153–166.
- McClanahan, T.R., 2000, Bleaching damage and recovery potential of Maldivian coral reefs: Marine Pollution Bulletin, v. 40, p. 587–597.
- McClanahan, T.R., Sala, E., Stickels, P.A., Cokos, B.A., Baker, A.C., Starger, C.J., and Jones, S.H., 2003, Interaction between nutrients and herbivory in controlling algal communities and coral condition on Glover's Reef, Belize: Marine Ecology Progress Series, v. 261, p. 135–147.
- McCook, L.J., 1999, Macroalgae, nutrients and phase shifts on coral reefs; scientific issues and management consequences for the Great Barrier Reef: Coral Reefs, v. 18, p. 357–367.
- McLane Research Laboratories, Inc, 2004, Time-series sediment trap [http://www.mclanelabs.com/mark78g21.html, last accessed April 29, 2008].
- Menzies, A., 1920, Hawaii nei 128 years ago: Honolulu, New Freedom Press, 199 p.
- Michner, R., and Schell, D., 1994, Stable isotope ratios as tracers in marine aquatic food webs, *in* Lajtha, K., and Michener, R., eds., Stable isotopes in ecology and environmental science: Oxford, Blackwell Scientific, p. 138–157.
- Middleburg, J.J., Duarte, C.M., and Gattuso, C.D., 2005, Respiration in coastal benthic communities, *in* Giorgio, P.A., and Williams, P.J., eds., Respiration in aquatic ecosystems: Oxford, Oxford University Press, p. 206–224.
- Miller, M.W., Hay, M.E., Miller, S.L., Malone, D., Sotka, E.E., and Szmant, A.M., 1999, Effects of nutrients versus herbivores on reef algae; a new method for manipulating nutrients on coral reefs: Limnology and Oceanography, v. 44, no. 1847-1861.

- Miller, M.W., Weil, E., and Szmant, A.M., 2000, Coral recruitment and juvenile mortality as structuring factors for reef benthic communities in Biscayne National Park, USA: Coral Reefs, v. 19, p. 115–123.
- Moberly, R.M., and Chamberlain, T., 1964, Hawaiian beach systems: Honolulu, University of Hawaii, 95 p.
- Montaggioni, L.F., and Faure, G., 1997, Response of reef coral communities to sealevel rise; a Holocene model from Mauritius (Western Indian Ocean): Sedimentology, v. 44, no. 6, p. 1053–1070.
- Moore, J.G., and Campbell, J.F., 1987, Age of tilted reefs, Hawaii: Journal of Geophysical Research, v. 92, p. 2641–2646.
- Moore, J.G., and Fornari, D.J., 1984, Drowned reefs as indicators of the rate of subsistence of the Island of Hawaii: Journal of Geology, v. 92, p. 752–759.
- Moore, J.G., Clague, D.A., Holcomb, R.T., Lipman, P.W., Normark, W.R., and Torresan, M.E., 1989, Prodigious submarine landslides on the Hawaiian Ridge: Journal of Geophysical Research, v. 94, no. 17465-17484.
- Moore, J.G., Normark, W.R., and Holcomb, R.T., 1994, Giant Hawaiian underwater landslides: Science, v. 264, p. 46–47.
- Moore, W., 1996, Large groundwater inputs to coastal waters revealed by <sup>226</sup>Ra enrichments: Nature, v. 380, p. 612–614.
- Moy, C., Seltzer, G., Rodbell, D., and Anderson, D., 2002, Variability of El Niño/Southern Oscillation activity at millennial timescales during the Holocene epoch: Nature, v. 420, p. 162–165.
- Mumby, P.J., Edwards, A.J., Arias-Gonzalez, J.E., Lindeman, K.C., Blackwell, P.G., Gall, A., Gorczynska, M.I., Harborne, A.R., Pescod, C.L., Renken, J., Wabintz, C.C.C., and Llewellyn, G., 2004, Mangroves enhance the biomass of coral reef fish communities in the Caribbean: Nature, v. 427, p. 533–536.
- Munk, W.H., and Sargent, M.C., 1954, Adjustment of Bikini Atoll to ocean waves: U.S. Geological Survey Professional Paper 260-C, p. 275–280.
- Nacci, D., Jackim, E., and Walsh, R., 1986, Comparative evaluation of three rapid marine toxicity tests—sea urchin early embryo growth test, sea urchin sperm cell toxicity test and microtox: Environmental Toxicology and Chemistry, v. 5, p. 521–525.
- National Data Buoy Center, 2002, Hawaiian Islands historical marine data: [http://www.ndbc.noaa.gov/maps/hawaii\_hist.shtml, last accessed April 29, 2008].
- National Oceanic and Atmospheric Administration National Centers for Coastal Ocean Science, 2005, Shallow-water benthic habitats of American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands: NOAA Technical Memorandum NOS NCCOS 8 [http://ccma.nos.noaa.gov/products/biogeography/us\_pac\_terr/index.htm, last accessed April 29, 2008].
- Nipper, M., and Carr, R.S., 2001, Porewater toxicity testing; a novel approach for assessing contaminant impacts in the vicinity of coral reefs: Bulletin of Marine Science, v. 69, p. 407–420.

- Nipper, M., Burton, G.A., Jr., Chapman, D.C., Doe, K.G., Hamer, M., and Ho, K.T., 2002, Issues and recommendations for porewater toxicity testing; methodological uncertainties, confounding factors and toxicity identification evaluation procedures, *in* Carr, R.S., and Nipper, M., eds., Porewater toxicity testing: biological, chemical, and ecological considerations: Pensacola, Florida, SETAC Press, p. 143–162.
- Oda, D.K., and Parrish, J.D., 1981, Ecology of commercial snappers and groupers introduced to Hawaiian Reefs: Fourth International Coral Reef Symposium, Manila, Philippines, Proceedings, p. 59–67.
- Odum, H.T., and Odum, E.P., 1955, Trophic structure and productivity of a windward coral reef community on Eniwetok Atoll: Ecological Monographs, v. 25, p. 291–320.
- Ogston, A.S., Storlazzi, C.D., Field, M.E., and Presto, M.K., 2004, Sediment resuspension and transport patterns on a fringing reef flat, Molokai, Hawaii: Coral Reefs, v. 23, no. 4, p. 559–569.
- Oki, D.S., 1997, Geohydrology and numerical simulation of the ground-water flow system of Molokai, Hawaii: U.S. Geological Survey Water-Resources Investigation Report 97-4176, 62 p.
- Oki, D.S., 2000, Site selection for a deep monitor well, Kualapuu, Molokai, Hawaii: U.S. Geological Survey Water-Resources Investigation Report 99-4291, 50 p.
- Oki, D.S., 2004, Trends in streamflow characteristics in Hawaii: U.S. Geological Survey Fact Sheet 2004-3104, 4 p.
- Oki, D.S., 2006, Numerical simulation of the hydrologic effects of redistributed and additional ground-water withdrawal, Island of Molokai, Hawaii: U.S. Geological Survey Scientific Investigations Report 2006-5177, 57 p.
- Onizuka, E., 1979, Studies on the effects of crown-of-thorns starfish on marine game fish habitat: State of Hawaii Department of Fish and Game, Final Report of project F-17-R-2, 25 p.
- Pandolfi, J.M., Bradbury, R.H., Sala, E., Hughes, T.P., Bjorndal, K.A., Cooke, R.G., McArdle, D., McClenachan, L., Newman, M.J.H., Paredes, G., Warner, R.R., and Jackson, J.B.C., 2003, Global trajectories of the long-term decline of coral reef ecosystems: Science, v. 301, p. 955–958.
- Pandolfi, J.M., Jackson, J.B.C., Baron, N., Bradbury, R.H., Guzman, H.M., Hughes, T.P., Kappel, C.V., Micheli, F., Ogden, J.C., Possingham, H.P., and Sala, E., 2005, Are US coral reefs on the slippery slope to slime?: Science, v. 307, p. 1725–1726.
- Pastorok, R.A., and Bilyard, G.R., 1985, Effects of sewage pollution on coral-reef communities: Marine Ecology Progress Series, v. 21, p. 175–189.
- Pauly, D., Villy, C., Dalsgaard, J., Froese, R., and Torres, F. Jr., 1998, Fishing down marine food webs: Science, v. 279, no. 5352, p. 860–863.
- Paytan, A., Shellenbarger, G.G., Street, J.H., Gonneea, M.E., Davis, K., Young, M.B., and Moore, W.S., 2006, Submarine ground water discharge; an important source of new inorganic nitrogen to coral reef ecosystems: Limnology and Oceanography, v. 51, no. 1, p. 343–348.
- Peltier, W., 1994, Ice age paleotopography: Science, v. 265, p. 195-201.

- Peltier, W., 1999, Global sea level rise and glacial isosatic adjustment: Global and Planetary Change, v. 20, p. 93–123.
- Pickard, G.L., 1986, Effects of wind and tide on upper-layer currents at Davies Reef, Great Barrier Reef, during MECOR (July-August 1984): Australian Journal of Marine and Freshwater Research, v. 37, p. 545–565.
- Poepoe, K., Bartram, P., and Friedlander, A.M., 2007, The use of traditional Hawaiian knowledge in the contemporary management of marine resources, *in* Haggan, N., Neis, B., and Baird, I., eds., Fishers' knowledge in fisheries science and management: Oxford, Blackwell Publishing, p. 114–144.
- Polacheck, T., 1978, The population biology of four common Hawaiian corals, University of Hawaii, M.S. thesis, 151 p.
- Pollnac, R.B., 2007, Theme section on the "Aspects of interactions between humans and coral reefs": Coral Reefs, v. 26, no. 4, p. 913–914.
- Porter, J.W., and Meier, O.W., 1992, Quantification of loss and change in Floridian reef coral populations: American Zoologist, v. 32, p. 625–640.
- Pratt, L.W., 1998, Vegetation management strategies for three national historical parks on Hawai'i Island: University of Hawai'i, Pacific Cooperative Studies Unit and the Hawai'i-Pacific Islands Ecosystems Studies Unit Network, Technical Report No. 121, 214 p.
- Presto, M.K., Ogston, A.S., Storlazzi, C.D., and Field, M.E., 2006, Temporal and spatial variability in the flow and dispersal of suspended-sediment on a shallow fringing reef flat, Molokai, Hawaii: Estuarine, Coastal and Shelf Science, v. 67, no. 1-2, p. 67–81.
- Purdy, E.G., 1974, Reef configurations; cause and effect, *in* Laporte, L.F., ed., Reefs in time and space: Society of Economic Paleontologists and Mineralogists (SEPM) Special Publication 18, p. 9–76.
- Randall, J.E., 1987, Introductions of marine fishes to the Hawaiian Islands: Bulletin of Marine Science, v. 41, p. 490–502.
- Randall, J.E., 1995, Zoogeographic analysis of the inshore Hawaiian fish fauna, *in* Maragos, J.E., Peterson, M.N., Eldredge, L.G., Bardach, J.E., and Takeuchi, H.F., eds., Marine and coastal biodiversity in the tropical island Pacific region; v. 1, Species systematic and information management priorities: Honolulu, Program on Environment, East-West Center; Ocean Policy Institute, Pacific Forum/CSIS; and Pacific Science Association, p. 193–204.
- Randall, J.E., 1996, Shore fishes of Hawaii: Vida, Oregon, Natural World Press, 216 p.
- Randall, J.E., 2007, Reef and shore fishes of the Hawaiian Islands: Honolulu, University of Hawaii Sea Grant Program, 546 p.
- Rasser, M.W., and Riegl, B., 2002, Holocene coral reef rubble and its binding agents: Coral Reefs, v. 21, p. 57–72.
- Richardson, L.L., 1998, Coral diseases; what is really known?: Trends in Ecology and Evolution, v. 13, p. 438–443.
- Richmond, R.H., 1988, Competency and dispersal potential of planula larvae of a spawning versus a brooding coral: Sixth International Coral Reef Symposium, Townsville, Australia, Proceedings, p. 827–831.

- Richmond, R.H., Rongo, T., Golbyy, Y., Victor, S., Idechong, N., Davis, G., Kostka, W., Neth, L., Hamnett, M., and Wolanski, E., 2007, Watersheds and coral reefs; conservation science, policy, and implementation: Bioscience, v. 57, p. 598–607.
- Roberts, H.H., 1974, Variability of reefs with regard to changes in wave power around an island: Second International Coral Reef Symposium, Brisbane, Australia, Proceedings, p. 497–512.
- Roberts, H.H., Murray, S.P., and Suhayda, J.N., 1980, Physical process in a fringing reef system: Journal of Marine Research, v. 33, p. 233–260.
- Roberts, L.M., 2001, Historical land use, coastal change, and sedimentation on south Molokai reefs, *in* Saxena, N.K., ed., Recent advances in marine science and technology, 2000: Honolulu, PACON International, p. 167–176.
- Rodbell, D., Seltzer, G., Anderson, D., Enfield, D., Abbott, M., and Newman, J., 1999, A high-resolution 15000 year record of El Nino driven alluviation in southwestern Ecuador: Science, v. 283, p. 516–520.
- Rodgers, K.S., 2005, Evaluation of nearshore coral reef condition and identification of indicators in the Main Hawaiian Islands: University of Hawaii, Ph.D. dissertation, 203 p.
- Rodgers, K., Cox, E., and Newston, C., 2003, Effects of mechanical fracturing and experimental trampling on Hawaiian corals: Environmental Management, v. 31, p. 377–384.
- Rodgers, K.S., Jokiel, P.L., Smith, W.R., Farrell, F., and Uchino, K., 2005, Biological survey in support of the USGS turbidity and sediment baseline survey on south Moloka'i reef flat, April 2005: U.S. Geological Survey Open-File Report 2005-1361, 35 p.
- Rogers, C.S., 1983, Sublethal and lethal effects of sediments applied to common Caribbean reef corals in the field: Marine Pollution Bulletin, v. 14, no. 10, p. 378–382.
- Rogers, C.S., 1990, Responses of coral reefs and reef organisms to sedimentation: Marine Ecology Progress Series, v. 62, p. 185–202.
- Rogers, C.S., 1993, Hurricanes and coral reefs; the intermediate disturbance hypothesis revisited: Coral Reefs, v. 12, p. 127–138.
- Rogers, C.S., Garrison, G., Grober, R., Hillis, Z-M., and Franke, M.A., 1994, Coral reef monitoring manual for the Caribbean and Western Atlantic: National Park Service, U.S. Virgin Islands, 114 p.
- Rooney, J., Fletcher, C., Grossman, E., Engels, M., and Field, M., 2004, El Niño influence on Holocene reef accretion in Hawai'i: Pacific Science, v. 58, no. 2, p. 305–324.
- Rosen, B.R., 1975, The distribution of coral reefs: Reports of the Underwater Association, v. 1, p. 1–16.
- Ruddle, K., 1994, Local knowledge in the folk management of fisheries and coastal marine environments, *in* Dyer, C.L., and McGoodwin, J.R., eds., Folk management in the world's fisheries: Niwot, Colorado, University Press of Colorado, p. 161–203.

- Saenger, P., and Siddiqi, M.A., 1993, Land from the sea; the mangrove afforestation of Bangladesh: Ocean and Coastal Management, v. 20, p. 23–39.
- Schug, D.M., 2001, Hawaii's commercial fishing industry; 1820-1945: The Hawaiian Journal of History, v. 35, p. 15–34.
- Shade, P.J., 1997, Water budget for the island of Molokai, Hawaii: U.S. Geological Survey Water-Resources Investigation Report 97-4155, 20 p.
- Sherman, C.E., Fletcher, C.H., III, and Rubin, K., 1999, Marine and meteoric diagenesis of Pleistocene carbonates from a nearshore submarine terrace, Oahu, Hawaii: Journal of Sedimentary Research, v. 69, no. 5, p. 1083–1097.
- Shinn, E.A., Hudson, J.H., Robbin, D.M., and Lidz, B., 1981, Spurs and grooves revisited; construction versus erosion, Looe Key Reef, Florida: Fourth International Coral Reef Symposium, Miami, Florida, Proceedings, p. 475–483.
- Shomura, R., 1987, Hawaii's marine fishery resources; yesterday (1900) and today (1986): U.S. Department of Commerce, NOAA, National Marine Fisheries Service Report H-87-21, 14 p.
- Shomura, R., 2004, A historical perspective of Hawaii's marine resources, fisheries, and management issues over the past 100 years, *in* Friedlander, A.M., ed., Status of Hawaii's coastal fisheries in the new millennium; proceedings of the 2001 Fisheries Symposium: Honolulu, American Fisheries Society, Hawai'i Chapter, p. 6–11.
- Smith, J.E., Smith, C.M., and Hunter, C.L., 2001, An experimental analysis of the effects of herbivory and nutrient enrichment on benthic community dynamics on a Hawaiian reef: Coral Reefs, v. 19, p. 332–342.
- Smith, J.E., Hunter, C.L., and Smith, C.M., 2002, Distribution and reproductive characteristics of non-indigenous and invasive marine algae in the Hawaiian Islands: Pacific Science, v. 56, p. 299–315.
- Smith, J.E., Most, R., Sauvage, T., Hunter, C., Squair, C., Conklin, E., and Smith, C.M., 2004, Ecology of the invasive red alga *Gracilaria salicornia* in Waikiki and possible mitigation strategies: Pacific Science, v. 58, p. 325–343.
- Smith, J.E., Runcie, J.W., and Smith, C.M., 2005, Characterization of a large-scale ephemeral bloom of the green algae *Cladophora sericea* on the coral reefs of West Maui, Hawai'i: Marine Ecology Progress Series, v. 302, p. 77–91.
- Smith, M.K., and Pai, M., 1992, The ahupua'a concept; relearning coastal resource management from ancient Hawaiians: NAGA; The WorldFish Center Quarterly, v. 15, no. 2, p. 11–13.
- Smith, S.R., 1992, Patterns of coral recruitment and post-settlement mortality on Bermuda's reefs; comparisons to Caribbean and Pacific reefs: American Zoologist, v. 32, p. 663–673.
- Smith, S.V., 1995, Reflections on the measurement and significance of carbon metabolism in coral reefs: Kansas Geological Survey Open-File Report 95-56a, 12 p.
- Smith, S.V., and Key, G., 1975, Carbon dioxide metabolism in marine environments: Limnology and Oceanography, v. 20, p. 493–495.

- Smith, S.V., Kimmerer, W.J., Laws, E.A., Brock, R.E., and Walsh, T.W., 1981, Kaneohe Bay sewage diversion experiment; perspectives on ecosystem responses to nutritional perturbation: Pacific Science, v. 35, p. 279–395.
- Soicher, A., and Peterson, F., 1997, Terrestrial nutrient and sediment fluxes to the coastal waters of West Maui, Hawaii: Pacific Science, v. 51, no. 3, p. 221–232.
- Soloviev, S.L., 1982, Tsunamis in the Pacific in 1969-1974, *in* Soloviev, S.L., ed., Tsunami evolution from origin to shore: Moscow, Radio Isvyaz, p. 75–87.
- Spalding, M., Blasco, F., and Field, C., 1997, World mangrove atlas: Okinawa, Japan, International Society for Mangrove Ecosystems, 178 p.
- Sponaugle, S., Cowen, R.K., Shanks, A., Morgan, S.G., Leis, J.M., Pineda, J., Boehlert, G.W., Kingsford, M.J., Lindemen, K.C., Grines, C., and Numro, J.L., 2002, Predicting self-recruitment in marine populations; biophysical correlates and mechanisms: Bulletin of Marine Science, v. 70, p. S341–S375.
- Stamski, R.E., and Field, M.E., 2006, Characterization of sediment trapped by macroalgae on a Hawaiian reef flat: Estuarine, Coastal and Shelf Science, v. 66, no. 1-2, p. 211–216.
- State of Hawai'i Department of Land and Natural Resources, undated, Department of Land and Natural Resources sustainability hotspot, Waialua fishponds: [http://www.hawaii.gov/dlnr/pdf/waialua.pdf, last accessed December 13, 2007], 4 p.
- Stearns, H.T., 1966, Geology of the State of Hawaii: Palo Alto, California, Pacific Books, 335 p.
- Stearns, H.T., and Macdonald, G.A., 1947, Geology and ground-water resources of the Island of Molokai, Hawaii: Bulletin of the Hawaii Division of Hydrography, 113 p.
- Stevenson, R.L., 1973, Travels in Hawaii: Honolulu, University of Hawaii Press, 205 p.
- Stimson, J., Larned, S.T., and Conklin, E., 2001, Effects of herbivory, nutrient levels, and introduced algae on the distribution and abundance of the invasive macroalga *Dictyosphaeria cavernosa* in Kaneohe Bay, Hawai'i: Coral Reefs, v. 19, p. 343–357.
- Stoddart, D.R., 1969, Ecology and morphology of recent coral reefs: Biology Review, v. 44, p. 433–498.
- Storlazzi, C.D., Field, M.E., Dykes, J.D., and Ogston, A.S., 2000, Wave control on fringing reef architecture and physical processes; Southern Molokai, Hawaii: American Geophysical Union 2000 Fall Meeting Abstracts, San Francisco, California, Proceedings, p. 683.
- Storlazzi, C.D., Field, M.E., Dykes, J.D., Jokiel, P.L., and Brown, E.K., 2002, Wave control on reef morphology and coral distribution; Moloka'i, Hawai'i, *in* Edge, B.L., and Hemsley, J.M., eds., Ocean wave measurement and analysis (2001); Proceedings of the Fourth International Symposium Waves 2001: San Francisco, American Society of Civil Engineers, v., 1, p. 784–793.
- Storlazzi, C.D., Logan, J.B., and Field, M.E., 2003, Quantitative morphology of a fringing reef tract from high-resolution laser bathymetry; southern Molokai, Hawaii: Geological Society of America Bulletin, v. 115, p. 1344–1355.

- Storlazzi, C.D., Ogston, A.S., Bothner, M.H., Field, M.E., and Presto, M.K., 2004, Wave- and tidally-driven flow and sediment flux across a fringing coral reef; South-central Molokai, Hawaii: Continental Shelf Research, v. 24, no. 12, p. 1397–1419.
- Storlazzi, C.D., Brown, E.K., Field, M.E., Rodgers, K.S., and Jokiel, P.L., 2005, A model for wave control on coral breakage and species distribution in the Hawaiian Islands: Coral Reefs, v. 24, no. 1, p. 43–55.
- Summers, C.C., 1964, Hawaiian fishponds: Honolulu, Bishop Museum Press, Bernice P. Bishop Museum Special Publication 52, 26 p.
- Summers, C.C., 1971, Molokai; a site survey: Honolulu, Bishop Museum, Pacific Anthropological Records, 241 p.
- Swearer, S.E., Shima, J.S., Hellber, M.E., Thorrold, S.R., Jones, G.P., Robertson, D.R., Morgan, S.G., Selkow, K.A., Ruiz, G.M., and Warner, R.R., 2002, Evidence of self-recruitment in demersal marine populations: Bulletin of Marine Science, v. 70, p. S251–S271.
- Szmant, A.M., 1996, Water quality characterization and the health of coral reefs: A Coral Reef Symposium on Practical, Reliable, Low Cost Monitoring Methods for Assessing the Biota and Habitat Conditions of Coral Reefs, Proceedings, p. 57–59.
- Szmant, A.M., 2002, Nutrient enrichment on coral reefs; is it a major cause of coral reef decline?: Estuaries, v. 25, no. 4, p. 743–766.
- Thacker, R.W., Ginsburg, D.W., and Paul, V.J., 2001, Effects of herbivore exclusion and nutrient enrichment on coral reef macroalgae and cyanobacteria: Coral Reefs, v. 19, p. 318–329.
- Thompson, R., and Oldfield, F., 1986, Environmental magnetism: London, Allen & Unwin, 227 p.
- Titcomb, M., 1977, Native use of fish in Hawai'i: Honolulu, University of Hawaii Press, 175 p.
- Tribble, G.W., Sansone, F.J., and Smith, S.V., 1990, Stoichiometric modeling of carbon diagenesis within a coral framework: Geochemica et Cosmochimica Acta, v. 54, p. 2439–2449.
- Tribble, G.W., Sansone, F.J., Buddemeier, R.W., and Li, Y-U, 1992, Hydraulic exchange between a coral reef and surface seawater: Geological Society of America Bulletin, v. 104, p. 1280–1291.
- U.S. Commission on Ocean Policy, 2004, An ocean blueprint for the 21st century; final report of the U.S. Commission on Ocean Policy: www.oceancommission. gov/documents/full\_color rpt/welcome.html.
- Umezawa, Y., Miyajima, T., Yamamuro, M., Kayanne, H., and Koike, I., 2002, Fine-scale mapping of land-derived nitrogen in coral reefs by d<sup>15</sup>N in macroalgae: Limnology and Oceanography, v. 47, no. 5, p. 1405–1416.
- U.S. Geological Survey, 1997, Volcanic and seismic hazards on the Island of Hawaii: U.S. Geological Survey General Interest Publication, online only [http://pubs.usgs.gov/gip/hazards/, last accessed April 29, 2008].

- Valentine, J.F., and Heck, K.L., 2005, Perspective review of the impacts of overfishing on coral reef food web linkages: Coral Reefs, v. 24, p. 209–213.
- Van Vuren, D.H., Johnson, M.L., and Bowen, L., 2001, Impacts of feral livestock on island watersheds: Pacific Science, v. 55, no. 3, p. 285–289.
- Vaughan, T.W., 1907, Recent Madreporaria of the Hawaiian Islands and Laysan: Bulletin U.S. National Museum, v. 59, p. 1–427.
- Verbruggen, H., De Clerck, O., N'yeurt, A.D.R., Spalding, H., and Vroom, P.S., 2006, Phylogeny and taxonomy of *Halimeda incrassata*, including descriptions of *H. kanaloana* and *H. heteromorpha* spp. nov. (Bryopsidales, Chlorophyta): European Journal of Phycology, v. 41, no. 3, p. 337–362.
- Veron, J.E.N., 2000, Corals of the world: Townsville, Australian Institute of Marine Science, 1381 p.
- Vitousek, P.M., Mooney, H.A., Lubchenco, J., and Melillo, J.M., 1997, Human domination of Earth's ecosystems: Science, v. 277, p. 494–499.
- Vosburgh, F., 1977, The response to drag of the reef coral *Acropora reticulata*: Third International Coral Reef Symposium, Miami, Florida, Proceedings, p. 477–482.
- Vroom, P.S., Page, K.N., Peyton, K.A., and Kukea-Shultz, J.K., 2005, Spatial heterogeneity of benthic community assemblages with an emphasis on reef algae at French Frigate Shoals, Northwestern Hawaiian Islands: Coral Reefs, v. 24, p. 574–581.
- Walker, G.P.L., 1990, Geology and volcanology of the Hawaiian Islands: Pacific Science, v. 44, p. 315–347.
- Warne, A.G., Webb, R.M.T., and Larsen, M.C., 2005, Water, sediment, and nutrient discharge characteristics of rivers in Puerto Rico, and their potential influence on coral reefs: U.S. Geological Survey Scientific Investigations Report 2005-5206, 58 p.
- Warner, R.R., and Cowen, R.K., 2002, Local retention of production in marine populations; evidence, mechanisms, and consequences: Bulletin of Marine Science, v. 70, p. S245–S249.
- Watts, A.B., and ten Brink, U.S., 1989, Crustal structure, flexure, and subsidence of the Hawaiian Islands: Journal of Geophysical Research, v. 94, p. 10473–10500.
- Webster, J.R., Clague, D.A., Riker-Coleman, K., Gallup, C., Braga, J.C., Potts, D., Moore, J.G., Winterer, E.L., and Paull, C.K., 2004, Drowning of the -150 m reef off Hawaii; a casualty of global Meltwater Pulse 1A?: Geology, v. 32, no. 3, p. 249–252.
- Weisler, M., and Kirch, P.V., 1985, The structure of settlement space in a Polynesian chiefdom; Kawela, Molokai, Hawaiian Islands: New Zealand Journal of Archaeology, v. 7, p. 129–158.
- Wells, J.W., 1957, Corals: Geological Society of America Memoirs, v. 67, p. 1087–1104.

- Wentworth, C.K., 1935, The terminology of coarse sediments: Bulletin of the National Research Council, v. 98, p. 225–246.
- Wester, L., 1981, Introduction and spread of mangroves in the Hawaiian Islands: Yearbook, Association of Pacific Coast Geographers, v. 43, 125–137 p.
- Western Region Climate Center, 2006, Historical climate information, online edition, [http://www.wrcc.dri.edu/narratives/HAWAII.htm, last accessed April 29, 2008].
- Wilkinson, C., 2000, Executive summary, *in* Wilkinson, C., ed., Status of Coral Reefs of the World: 2000: Townsville, Australia, Australian Institute of Marine Science, p. 7–20.
- Wilkinson, C., 2004, Executive summary, *in* Wilkinson, C., ed., Status of Coral Reefs of the World, 2004: Townsville, Australia, Australian Institute of Marine Science, p. 7–50.
- Woolfe, K.J., and Larcombe, P., 1998, Terrigenous sediment accumulation as a regional control on the distribution of reef carbonates, *in* Camoin, G.F., and Davies, P.J., eds., Reefs and carbonate platforms in the Pacific and Indian Oceans: Oxford, Blackwell Science, International Association of Sedimentologists Special Publication No. 25, p. 295–310.
- Woolfe, K.J., and Larcombe, P., 1999, Terrigenous sedimentation and coral reef growth; a conceptual framework: Marine Geology, v. 155, p. 331–345.
- Wyban, C.B., 1992, Tide and current; fishponds of Hawaii: Honolulu, University of Hawaii Institute of Marine Biology Press, 208 p.
- Xie, S-P, Liu, W.T, Liu, Q., Nonaka, M., and Hafner, J., 2001, Long-range effects of the Hawaiian Islands on the Pacific Ocean-atmosphere system: IEEE 2001 International Geoscience and Remote Sensing Symposium, v. 3, p. 1086–1088.
- Yamamuro, M., Kayanne, H., and Yamano, H., 2003, d<sup>15</sup>N of seagrass leaves for monitoring anthropogenic nutrient increases in coral reef ecosystems: Marine Pollution Bulletin, v. 46, p. 452–458.
- Yates, K.K., and Halley, R.B., 2000, Reef production in a shallow turbid environment: Ninth International Coral Reef Symposium, Bali, Indonesia, Proceedings, p. 66.
- Yates, K.K., and Halley, R.B., 2003, Measuring coral reef community metabolism using new benthic chamber technology: Coral Reefs, v. 22, p. 247–255.
- Yates, K.K., and Halley, R.B., 2006a, CO<sub>3</sub><sup>2-</sup> concentration and pCO<sub>2</sub> thresholds for calcification and dissolution on the Molokai reef flat, Hawaii: Biogeosciences, v. 3, p. 123–154.
- Yates, K.K., and Halley, R.B., 2006b, Diurnal variation in rates of calcification precipitation and carbonate sediment dissolution in Florida Bay: Estuaries and Coasts, v. 29, p. 24–39.