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Education and Special Certifications

AB, Biology, Antioch College, Yellow Springs, Ohio; certified PADI scuba instructor; CEMAS international diving instructor; PADI rescue diver; certified in CPR/Emergency Cardiac Care; completed training for lead assessor, IQA International Register of Certificated Auditors for ISO 9000 Quality Management Systems; completed training for lead auditor, ANSI-RAB Environmental Auditor=s Registration Association for ISO 14000 Environmental Management Systems; and registered Master Wildlife Habitat Naturalist, Windstar Wildlife Institute.

Overview of Experience in Artificial Reef Research and Development

Since 1971, Mr. Myatt=s entire career has involved artificial reef research and development. He has held positions as (1) reef coordinator for the State of South Carolina, (2) vice president in charge of operations for a private reef unit manufacturer, (3) president of his own reef consulting firm [EcoGenesis, Inc. a.k.a. International Weighmaster, Inc.] (4) reef program manager for Maryland=s Aquatic Reef Program, and (5) executive director of the Ocean City Reef Foundation. Additionally, he has been a member of, or active participant in, the Atlantic States Marine Fisheries Commission, Artificial Reef Advisory Committee since 1990. He has also been a professional artificial reef consultant for the states of Florida, Maryland, New Jersey, Virginia, and New York as well as federal entities. Additionally, he has presented professional papers at virtually all international artificial reef conferences to date.

Reef development experience has included planning, implementing, managing and administering all aspects of two state-run artificial reef programs. Experience in reef planning and implementation has included:

- ~~///~~ reef site selection using exclusion mapping techniques;
- ~~///~~ devising overall plans for new reefs, including designing cost-effective and biologically effective reef structures;
- ~~///~~ developing methods for preparing and handling reef materials;

- ✂ preparing environmental impact statements;
- ✂ initiating applications and acquiring U.S. Army Corps of Engineers Permits, Water Quality Certificates and Wetlands permits for reef development;
- ✂ investigating the availability of materials of opportunity and specifying requirements regarding suitability for re-use as submerged habitat for marine and estuarine organisms.

Typical management/administrative responsibilities have included program budgeting; proposal writing; presenting technical papers to the scientific community; developing bid specifications for contractual services; negotiating and finalizing service contracts; and verifying accomplishments of contractors and subcontractors. Additionally, on-going public relations and education have been necessary to apprise the general public and special-interest groups of program activities.

Reef research experience has included biofouling studies to assess various substrates; angler surveys to determine catch-per-unit-of-effort over various reef structures, reef unit stability studies, environmental impact assessments, and socioeconomical and demographic assessments relative to potential reef users.

Results of Mr. Myatt's reef research and development efforts are best reflected in the following publications:

- Myatt, D.O. 1974. Techniques for fabrication and utilization of baled automobile tires in artificial reef construction. In: L. Colunga and R. Stone (Eds.). Proceedings of an International Conference on Artificial Reefs. Sea Grant Report 103:81-83.
- _____. 1977. Artificial reefs. Proceedings, 111th Meeting, American Chemical Society Rubber Division.
- _____. 1978. The trolling alley fishing system. In: D.Y. Aska (Ed.), Artificial Reefs in Florida. Florida Sea Grant Report 24:35-36.
- _____. 1978. A modern symbiosis: tires and fish. Chemtech 8(7):400-406.
- _____. 1978. The angler's guide to South Carolina artificial reefs. S.C. Wildl. & Mar. Res. Dept. Educational Rept. 9:30 pp.
- _____. 1979. Man-made trolling alleys: midwater reefs. Saltwater Sportsman 40(5):7881.
- _____. 1981. Planning considerations for reef construction. In: D.Y. Aska (Ed.), Artificial reefs: Conference Proceedings. Florida Sea Grant Report 41:41-49.
- _____. 1982. Application of midwater fish attractors for recreational fishery improvement in the South Atlantic Bight (Abstract). In: J.D. Murray (Ed.), Mid-Atlantic Artificial Reef Conference, A Collection of Abstracts, N.J. Sea Grant Report 78:10.
- _____. 1982. *In situ* tire unit stability evaluation for South Carolina artificial reefs. Final Report, S.C. Sea Grant Consortium Project R/AO-1:12 pp.
- _____. 1984. Artificial reef maintenance. Artificial Reef Development Center, Technical Report 2:44 pp.

- _____. 1984. Artificial reef site selection to maximize recreational fishing benefits in the Gulf of Mexico. Proceedings, Fourth annual Gulf of Mexico Information Transfer Meeting, U.S. Dept. of Interior, Minerals Management Service: 314-17.
- _____. 1985. Midwater Fish Attractors. In: Frank D'Itri (Ed.), Artificial reefs: marine and freshwater applications, Lewis Publishers, Inc., PO Dr. 519, Chelsea, Mich., Part II: Design and Construction of Artificial Reefs. Chapter 10:303-15.
- Myatt, D.O. and D.M. Cupka. 1975. Buoys and buoy systems used on South Carolina's offshore artificial reefs. S.C. Wildl. and Mar. Res. Dept., Technical Rept. 9:21 pp.
- Hammond, D.L., D.O. Myatt, and D.M. Cupka. 1977. Evaluation of midwater structures as a potential tool in the management of the fisheries resources on South Carolina's artificial reefs. S.C. Wildl. and Mar. Res. Center, Technical Rept. Series 15:19 pp.
- Moore, C.J., D.L. Hammond, and D.O. Myatt. 1980. A guide to saltwater recreational fisheries in South Carolina. S.C. Marine Research Foundation. 88 pp.
- Myatt, D.O. and R.B. Ditton. 1986. Exclusion mapping for artificial reef site selection to maximize recreational fishing benefits in the Gulf of Mexico. SFI/ARDC, Washington, D.C. 157 pp
- Myatt, D. and E. Myatt. 1982. Midwater fish attractors. In: 1982 World Record Game Fishes: 5471. International Game Fish Association, Ft. Lauderdale, Fla.
- Myatt, D.O. and E.N. Myatt. 1987. Draft artificial reef management plan for New Jersey. N.J. Dept. Environmental Protection, Div. Fish, Game and Wildl., Marine Fisheries Administration. 71 pp.
- Myatt, D.O., E.N. Myatt, and W.K. Figley. 1987. New Jersey Artificial Reef Tire Unit Stability Studies. N.J. Dept. Environmental Protection, Div. Fish, Game and Wildl., Mar. Fish. Admin. Tech. Series 87-1: 31 pp.
- Myatt, D.O., E.N. Myatt, and W.K. Figley. 1989. New Jersey Tire Reef Stability Study. Bull. Marine Science 44(2):807-817.
- Myatt, E., D. Myatt, and B. Figley. 1986. New Jersey's artificial reefs. N.J. Dept. Env. Protection, Div. Fish, Game and Wildl., Mar. Fish. Adm. Series 86-1:8 pp.
- Myatt, E.N. and D.O. Myatt. 1990. A study to determine the feasibility of building artificial reefs in Maryland's Chesapeake Bay. Rept. prepared for Md. Dept. Natural Resources, Tidewater Administration, Fisheries Div. 98 pp plus appendices.
- Myatt, E.N. and D.O. Myatt, 1992. Florida artificial reef development plan. Florida Department of Natural Resources, Office of Management and Assistance Services. 288pp.
- Myatt D.O., G.S. Alspach, Jr., M. Duva, W. Parks and C. Speir. Comparative Growth and Mortality of American Oysters, *Crassostrea virginica*, on Artificial Reefs and Natural Substrates in the Chesapeake Bay in the Eastern United States. Proceedings, Seventh International Conference on Artificial Reefs and Related Aquatic Habitats, Sanremo, Italy 1999 pp 166-171.