

Bibliography

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BIBLIOGRAPHIC NOTES

Graeme Hall Swamp has long been recognised as a unique area of scientific interest and significant educational value (Riven-Ramsey 1981; Hutt 1983; Arnott 1984; CCA 1985; NACC 1992; Delcan 1993). Several scientific studies have been conducted at the swamp in recent years, and the swamp has been used to promote the study of wetland ecology for primary, secondary and tertiary level students in Barbados.

Undergraduate students at the Biology Department of the University of the West Indies Cave Hill Campus (UWI), and Bellairs Research Institute of McGill University use Graeme Hall Swamp to conduct ecological investigations as part of their practical course of study. In addition, post-graduate students at the Marine Resources and Environmental Management Programme (MAREMP) of UWI study measurement and monitoring techniques at the swamp and associated coastal zone as part of their practical course in environmental research.

The few scientific investigations conducted at the swamp have provided only limited baseline to describe its biological characteristics. The Caribbean Coastal Marine Productivity (CARICOMP) program has selected the swamp as the Barbados component of the CARICOMP program. This regional scientific program currently studies tropical land-sea interaction processes through a network of 31 laboratories in 23 countries in Latin American and the Caribbean Region. The program involves long term study and monitoring of coastal ecosystems; including mangroves, seagrass beds and coral reefs. The mangroves at Graeme Hall Swamp have been monitored since 1990 (Parker and Oxenford 1994). Bellairs Research Institute of McGill University is providing the technical expertise for this component of the program.

Two additional scientific studies were also completed at Graeme Hall Swamp in the late 1980's. The Department of Biology of McGill University (Cattaneo et al. 1988) conducted a limnological and ichthyological reconnaissance, and the Biology Department of the University of the West Indies, Cave Hill (Riven-Ramsey 1988) conducted an investigation of the population dynamics of the Cattle Egret (*Bubulcus ibis*) with specific reference to Graeme Hall Swamp.

Aspects of Phase I of the Barbados Coastal Conservation Project, completed in 1995, contributed information on the role of Graeme Hall Swamp as a viable coastal ecosystem with mangroves, seagrass beds and coral reefs as the salient elements (Delcan 1993).

Ongoing studies and water quality testing continues at Graeme Hall by the University of the West Indies (Goodridge, Hunte), and by McGill University/Bellairs Research Institute.

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