

Abstract

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GIS for Botanical Garden Management and Educational Programming

Track: Agriculture

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GIS has the potential to be an important tool in support of botanical garden operation and education. Mounts Botanical Garden has implemented the first comprehensive, site-wide, public-access GIS system in a botanical garden. Maps were based on existing AutoCAD maps. Collections data maintained in BG-Base, the industry-leading collections management DBMS, are brought into Oracle in data-warehousing mode. Extensive botanical and horticultural data are managed through Oracle. Maps and data are available to the public through ArcIMS. Work is under way to include ArcPad on hand-held computers to allow data collection in the field, with automated synchronization with Oracle.

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