

Peatland management and decision making using geographic information systems

A. Simms

*Department of Geography, GEOIDAL Group, Memorial University of Newfoundland,
St. John's, Newfoundland A1B 3X5, Canada*

The utilization of a geographic information system (GIS) for peatland management requires the development of spatial databases at various resolutions. Spatial database requirements are dependent on the level of planning required. The four planning levels presented are: (1) strategic plan-

ning, (2) tactical planning, (3) operational planning, and (4) project planning. This paper presents a framework for the development of spatial databases for peatland assessment and management.