



MINNESOTA HISTORICAL SOCIETY
Minnesota State Archives

ADMINISTRATION DEPARTMENT Land Management Information Center

An Inventory of Its Records

OVERVIEW OF THE RECORDS

- Agency:** Land Management Information Center (Minn.).
- Series Title:** Records.
- Dates:** 1969-2001.
- Abstract:** Records documenting the history, organization, and activities of the Land Management Information Center [LMIC], including development and implementation of the Environmental Planning and Programming Language [EPPL] and Minnesota Land Management Information System [MLMIS].
- Quantity:** 4.0 cu. ft. (4 boxes).
- Location:** See Detailed Description section for box locations.

SCOPE AND CONTENTS OF THE RECORDS

The records are divided into two sections: published items that were originally made available for sale to the public by LMIC in 1978 (as listed in the *Land Management Information Center State Planning Agency List of Publications*) and materials either not available for sale in 1978 (though many were later published or made available to the public) or supporting data for projects, including early computer tabulations, research notes, and how-to booklets.

The published materials (1969-1981) are organized in the order and categories delineated in the publications list and include maps, reports, manuals, technical reports, related papers, and theses. All relate in some way to projects and studies relating to or produced by LMIC. A few contain later dated versions of listed items. The remainder of the files (1970-2001) are arranged chronologically.

The majority of the materials document various aspects of land use in the state, including water management, land development, laws, wildlife habitat and natural resources management, mapping, development and use of EPPL and the MLMIS, farmland, recreational areas, history of GIS in the state and LMIC, and population studies.

INDEX TERMS

This collection is indexed under the following headings in the catalog of the Minnesota Historical Society. Researchers desiring materials about related topics, persons or places should search the catalog using these headings.

Topics:

- Conservation of natural resources—Minnesota.
- Demographic surveys—Minnesota.
- Environmental management—Minnesota.
- Geographic information systems—Minnesota.
- Information storage and retrieval systems—Geography.
- Land use, Rural—Minnesota.
- Land use—Minnesota.
- Mapping.
- Natural resources—Information services—Minnesota.
- Natural resources—Minnesota—Management.
- Public lands—Minnesota.
- Real estate development—Minnesota.
- Recreational areas—Minnesota.
- Watershed management—Minnesota.
- Wildlife conservation—Minnesota.

Organizations:

- Minnesota. Dept. of Administration.
- Minnesota Land Management Information System.
- Minnesota State Planning Agency.
- University of Minnesota. Center for Urban and Regional Affairs.

Types of Documents:

- Manuals (Instructional materials).
- Maps—Minnesota.
- Technical reports.

ADMINISTRATIVE INFORMATION

Preferred Citation:

[Indicate the cited item and folder title here]. Land Management Information Center (Minn.). Records. Minnesota Historical Society. State Archives.
See the Chicago Manual of Style for additional examples.

Accession Information:

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DETAILED DESCRIPTION OF THE COLLECTION

Note to Researchers: To request materials, please note both the location shown below. Each file consists of one folder unless specified otherwise.

Location	Box	
113.D.2.6F	1	<p>Materials listed in the <i>1978 Land Management Information Center State Planning Agency List of Publications</i>, 1969-1981.</p> <p>This list is housed in the first folder of this box. Included are maps, reports, manuals, technical reports, related papers, and theses. The materials are listed by series and number as found in the above list.</p> <p><i>1978 Land Management Information Center State Planning Agency List of Publications.</i></p> <p>Maps.</p> <p>Maps produced by LMIC projects or project participants.</p> <p>1001. Minnesota Land Use Map, 1969.</p> <p>1003. Scenically Attractive Areas in Arrowhead Region, 1976.</p> <p>1004-1006. Peat Resources of Koochiching County, 1978-1981.</p> <p>Maps and Atlases.</p> <p>Maps produced by LMIC projects or project participants.</p> <p>1007. North Shore Data Atlas: Minnesota Coastal Zone, 1977.</p> <p>Reports.</p> <p>Studies produced by LMIC, which have the attributes of a statewide or regional project.</p> <p>1008. System for Water Information Management Catalog, Information and Resources, [ca. 1972].</p> <p>2001. Land Management Information in Northwest Minnesota, 1972.</p> <p>2002. Land for Development Adjoining Northern Minnesota's National Recreation Corridor, 1972.</p> <p>2004. Lakes in Ramsey County, 1973.</p> <p>2005. Minnesota Land Use Laws, 1973.</p> <p>2005a. Itasca County Analysis File, 1978.</p> <p>2005b. Proposed MLMIS System Development Plan, 1975.</p> <p>2005c. Minnesota Environmental Laws in the 1970s, 1981.</p> <p>2006. Perspective on Minnesota Land Use, 1974.</p> <p>2007. Classification Manual for Land Cover and Land Use in Minnesota, 1978.</p>

Location **Box**
113.D.2.6F 1

Manuals.

Operational guides created to assist users of the MLMIS.

- 3001a. Data Manual for Itasca County, 1975.
- 3030. Arrowhead Regional Data Manual, 1976.
- 3040. Region 4 Data Manual, 1977.
- 3050. Region 5 Data Manual, 1977.
- 3060. Region 6 Data Manual, 1976.
- 3065. Region 6W Data Manual, 1977.
- 3070. Region 7E Data Manual, 1977.
- 3075. Region 7W Data Manual, 1977.
- 3080. Region 8 Data Manual, 1977.
- 3090. Region 9 Data Manual, 1977.
- 3100. Region 10 Data Manual, 1977.
- 3110. Region 11 Data Manual, 1977.

Technical Reports.

Data-specific guides created to allow users to replicate findings by carrying out same coding procedures.

- 4001. Guide to MLMIS CRT Data Entry System, 1974.
- 4002. Test Using System 2000 with MLMIS Data, 1974.
- 4003. Forestry Demo Case Using MLMIS, 1974.
- 4004. Soils Information and Interpretive Procedures, 1976.

Related Papers.

Reports and papers that are not central to a project itself, but add to the general understanding of the project or its participants.

- 5001. Minnesota's Lakeshores, Part 1 and Part 2, 1970.
- 5004. Minnesota Region 9 Report No. 1, Lake Shore Development, 1973.
- 5005. National Resource Protection Study, 1970.
- 5006. Red Wing: Department of Landscape Architecture Study, 1973. 2 folders.
- 5008. Pigs Eye Coal Terminal Assessment, 1974.
- 5011. Lower St. Croix Scenic Corridor Study, 1973.
- 5012. Wildlife Habitat Change and Seasonal Cultivation, 1975.
- 5012a. ERTS-1 Applications to Minnesota Land Use Mapping, 1973.
- 5013. Mapping Twin Cities Minnesota Metropolitan Area Land Use with ERTS-1 Imagery, 1975.
- 5014. Monitoring Surface Water Dynamics in Minnesota, 1974-1975.

Location	Box	
113.D.2.6F	1	5015. Landfill Site Selection Study for Washington County and Ramsey County, Minnesota, 1975-1977. 2 folders. 5016. Public Participation in Natural Resource Management in the Arrowhead Region, 1974. 5017. A Comparative Analysis of the Land Use Laws of Minnesota and Selected Other States, 1975.
113.D.2.7B	2	5018. DNR Land Use Classification Project Report, 1976. 5019. The Contribution of a Water Information System for Environmental Planning in Minnesota, 1976. 5020. Land Cover Change in the Mesabi Iron Range 1969-1975, 1976. 5021. The Persistence and Condition of Douglas County Lakes, 1976. 5022. Reconnaissance Analysis of Lake Condition in East Central Minnesota, 1977. 5023. Non-Point Pollution Analysis Using Computer Based Resource Data, 1978. 5024. Hennepin County Landfill Site-Selection, 1977. 5025. Minnesota Cropland Resources, 1978. 5027. State Land Use Criteria: A Collection of Papers, 1975. 5028. Accessibility, Measurement and Use in Land Use Planning, 1978. 5029. State of Minnesota Public Land Ownership, 1979-1981. 5030. Development of MLMIS, [ca. 1974]. 5032. The Final Report of the Data Work Group, 1979. 5033. Resource Planning, 1976. 5034. Crop Stress Study, 1979. 5035. Minnesota State Remote Sensing Plan: Working Draft, 1976. 5036. Minnesota Statewide Archaeological Survey, 1981. 5037. Division of Waters 1979 Hydraulic Year Data Publication, 1980. 5038. LMIC EPPL3 Users Manual, [ca. 1974]. Theses. Published and non-published academic theses relating to projects or GIS in Minnesota. 6001. Differential Assessment of Farmland in Anoka County, 1975. 6003. Management of Hydrographic Features in West Central Minnesota, 1974.

Location	Box	
113.D.2.7B	2	<p>Materials not listed in the 1978 Land Management Information Center State Planning Agency List of Publications, 1970-2001.</p> <p>These files are arranged in chronological order. The majority contain supporting materials and raw data, including reports, manuals, technical reports, related papers, applications, and correspondence. The following designations are used in this section: applications (studies produced by LMIC, including examples of datasets and notes); technical reports (see explanation in previous section); and overview (comprehensive articles, paper or records of the history of GIS in Minnesota).</p> <p>Land Classification Program, 1970. Applications.</p> <p>Minnesota Comprehensive Land Use/Surface Cover Classification, 1970. Applications.</p> <p>Land Use Prototype Study, Empire Township, Dakota County Minnesota, 1970. Applications.</p> <p>State Land Inventory Pilot Study, 1970. Applications.</p> <p>Land Use Pilot Study, 1970-1983. Applications.</p> <p>LMIC Progress Reports, Development and Overviews, 1970-1986. 2 folders.</p> <p>North Shore Corridor Resource Assessment, 1971. Applications.</p> <p>MLMIS Data Inventory Forms, 1971-1974. Minnesota Lakeshore Development Study Data Collection Procedure Manual, 1972. Technical reports.</p> <p>Muscatatuck Technical and Planning Reports, 1972. 4 folders. Report to the University of Wisconsin on the Recreational Impact Area Around the Voyageurs National Park, the BWCA and the Isle Royal National Park and Grand Portage, 1972.</p> <p>Blackbear State Forest, 1972-1974. Applications.</p> <p>Upper St. Croix Resource Management Plan, 1972-1974. Data and Map Standards, 1973. 2 folders. Technical reports.</p>

Location	Box	
113.D.2.8F	3	Data and Map Standards, 1973. 1 folder. Technical reports. Upper Great Lakes Regional Recreational Planning Study, 1973. Public Programs and the Role of the Regional Commission, 1973. Computer Applications in Land Use Mapping and the MLMIS, 1973. Technical reports. Lower St. Croix Study, 1973. Applications. A Study of Graphic Data Entry Methods for MLMIS, 1973. Technical reports. EPPL2, 1973. Technical reports. A Copy of the MLMIS Systems Plan, 1973. Technical reports. Miscellaneous, 1973-1976. Applications. Arrowhead Data Dictionary, Version 2.1, 1974. Technical reports. I-94 Aesthetic Analysis, 1974. A Proposal for MLMIS Development, 1974. Technical reports. Forestry Case Using MLMIS, 1974. Technical reports. A Computer-Aided Planning Process for Outdoor Recreation Facilities: Black Bear Area, 1974. Reserve Mining, 1974-1975. Applications. Manitoba East Transmission Line, 1974-1976. Applications. Publications and Reports: A History of GIS in Minnesota, 1974- 1996. Overview. Common Zoning Classification System, 1975. Itasca County Pilot Study, 1975. Applications. MLMIS User Study, 1975. Water Information System Catalog, 1975.

Location	Box	
113.D.2.8F	3	<p>The Role and Cooperation of Public Agencies in Natural Resources Inventory and Analysis, 1975.</p> <p>Copper-Nickel Mineral Information Study, 1975. Applications.</p> <p>EPPL Overview, 1975. Technical reports.</p> <p>MLMIS miscellaneous correspondence, 1975-1976.</p> <p>MLMIS Correspondence, Policy Review Committee Minutes and Census Notes, 1975-1981.</p> <p>LMIC Planning and Development, 1975-1992. 2 folders.</p> <p>GIS Related Papers, 1975-1993.</p> <p>LMIC History, 1975-2001. Overview.</p> <p>Land Use Case Study Packet, [ca. 1976].</p> <p>Cohasset Noise and Visual Impact Study, [ca. 1976]. Applications.</p> <p>Karst Study, 1976. Applications.</p> <p>Correspondence and Multi-Project Research Assessment, 1976.</p> <p>User Documentation for UTM-PLS, 1976. Technical reports.</p> <p>MLMIS Program Documentation, 1976. Technical reports.</p> <p>Roseau County Analysis Variable Creation, 1976. Applications.</p> <p>Engineering Interpretations of Soils for Power Plant Seating, 1976. Applications.</p> <p>EPPL Usership Study, 1976. 2 folders. Technical reports.</p> <p>Computer-Aided Regional Planning for Mineral Resources, 1976.</p>
113.D.2.9B	4	<p>North Shore T.H. 61 Resource Assessment, 1976.</p> <p>Land Management Information Center Study Forms, 1976-1977.</p> <p>Minnesota Power Plant Siting, 1976-1978. Applications.</p> <p>State Planning Agency miscellaneous correspondence, 1977.</p> <p>Catalog of Aerial Photography in Wilson Library, University of Minnesota, 1977.</p> <p>Letters Regarding Soil Productivity Studies, 1977-1978.</p>

Location	Box	
113.D.2.9B	4	Population-Cell Overlay and Related Studies, 1977-1979. Applications. Hennepin County Soils Information Project: Progress Report, 1978. Applications. Statewide Irrigation Survey Information, 1978. Community Soil Information Project, City of Medina, Minnesota, 1978. Applications. Coal Transportation Model, 1978. Applications. Miscellaneous LMIC correspondence, 1978-1980. Use of Land Sat, 1978-1981. Applications. North Shore T.H. 61 Resource Assessment: Phase II, 1979. Population Estimates for Minnesota Counties; Median Income Estimates for Minnesota Counties, 1979. Flood Hazard Study, Independence, Minnesota, 1979-1980. Applications. State of Minnesota Public Land Ownership 1978: Text Supplement to Map, 1979. Annandale Land Use Suitability Study, 1979-1980. Applications. DIDS: Decision Information Display System Newsletters and Information, 1979-1981. LMIC Newsletters and System Notes, 1979-1987. 2 folders. Computer Assisted Approaches to Reapportionment, 1980. Technical reports. Solid Waste Selection Process, Criteria and Evaluation Information, 1980. Autopilot Training Information and Exercises, 1980. Technical reports. Stearns County Solid Waste Study, 1980. State Planning State Fair Exhibit, 1980. Reapportionment, 1980-1981. Miscellaneous publications and newsletters, 1980-1982. Catalog of Water Data Sources in Minnesota, 1981. LMIC Computer Services and Products, 1982. EPPL 6 Training Seminar, 1982 Technical reports.

Location	Box	
113.D.2.9B	4	Minnesota Public Lands, 1983. Aiken County Census Population Data, 1983. Applications. Minnesota in the Eighties, 1983. Growing Energy Crops on Minnesota's Wetlands, 1984. EPPL 7, 1989. Technical reports. LMIC Personnel, 1996. Overview.