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Minnesota educator says science can be aid to management

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MISSOULA---

Dr. Gary M. Andrew said Friday at the University of Montana that management must be much more responsible for results of its actions, including pollution of air, land and water.

Dr. Andrew, an associate professor in the University of Minnesota School of Business Administration, Friday night at UM presented the first lecture in a series of five sponsored by the UM School of Business Administration under a $2,000 grant from the Sperry and Hutchinson Co.

Although critical of pollution causes, Dr. Andrew also praised business management for "developing as a science" or using many of the methods used in science and technology to solve its own management problems.

Concerning pollution, Dr. Andrew said, "Businesses and industries involved with pollutants haven't heeded the warnings of scientific studies to avoid pollution of air, land and water. Now the same organizations aren't utilizing the technology available to them to eliminate the pollution.

"Business and industries have used science very effectively in the engineering and production of their products," he continued. "They can certainly make use of scientific developments in the management of their organizations."

Dr. Andrew said that many companies cannot economically justify, in the short run, reducing levels of pollution in rivers and streams.

He added, however, that if one considers other values in addition to the tangible economic factors, it might well become feasible to clean up our air and water.

"The mathematical modeling of organizational and decision problems, the use of systems analysis and advanced data processing systems offer management tremendous aids in evaluating the large number of alternatives available to them" for solving such problems as pollution emission, he concluded.