

NACIS news

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CARTOGRAPHIC PERSPECTIVES

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program and abstracts

WEDNESDAY, OCTOBER 24

1:00-8:00 p.m. Registration
1:00-3:00 p.m. NACIS Committee Meetings
3:00-5:00 p.m. NACIS Board Meeting
5:00-7:00 p.m. Dinner Break
7:30-9:00 p.m. Opening Session

Welcome

James F. Fryman
Vice President and Program Chairperson
University of Northern Iowa

Keynote Address

Mr. Thomas Hammond
NASA
Kennedy Space Center

9:00-11:00 p.m. Reception and Cash Bar
9:00-11:00 p.m. Poster Session:
Products and Resources of
University Cartographic Labs

THURSDAY, OCTOBER 25

8:00 a.m.-7:00 p.m. Registration
9:00 a.m.-Noon Exhibits
8:30-10:00 a.m. Sessions

SESSION A:

CARTOGRAPHIC PRODUCTION

A Cost-Benefit Analysis of Computer- Aided Map Design and Production

Charles P. Rader and Ellen R. White,
Department of Geography, Michigan State
University, East Lansing, MI

Within the last five years, microcomputer-based map design and production have become viable alternatives to manual design and production for cartographic production labs. A cost-benefit analysis between computer-aided map production and manual map production was carried out to determine their relative advantages. Two essential questions guided the analysis: (1) what are the relative capital investments in facilities and equipment, and (2) what are the relative costs of labor and materials in the design and production of maps between computer-assisted and