

Pacific Northwest Region

"Foreign Visitors at Grand Canyon NP: A Preliminary Study," is the title of the University of Idaho CPSU Study No. S82-2 by Gary E. Machlis and Ellen L. Wenderoth, available from Dr. Machlis at UI/CPSU, Moscow, ID 83843. The study focused on organized tours to the South Rim, using four different research methods: a time-budget analysis, a questionnaire in French, Japanese, German, and Spanish, participant observation, and informal interviews.

After observing 40 tours (1,440 observations were made) and tallying the 89 percent response from the questionnaire (908 responders), it was found that 19 percent of the average tour's time was spent on park-oriented activities such as viewing scenery and interpretive

facilities, taking pictures, and so forth. In contrast, 33 percent of the tour was spent traveling from place to place and 23 percent was devoted to eating in restaurants.

The CPSU study describes the research, including an appendix with all the questionnaires in each of four foreign languages, and contains 37 specific recommendations for consideration by NPS management and Grand Canyon NP concessionaires. The recommendations cover information services, interpretation, visitor protection, and general visitor services of the kind provided by concessionaires.

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The 1981 year of operation, with emphasis on knowledge and technology transfer, is described in the *1981 Annual Report* of the NPS/CPSU at the University of Washington, now available from PNR Headquarters, Seattle, WA. A wide range of projects in both sociology and biology are described, and planning has been completed for release of a continued series of reports for public land managers.