**MMV9\_sessions\_proposals**

**Monitoring of outdoor recreation on national level – method updates and challenges**

The aim of the national recreation monitoring studies are to produce comprehensive, up-to-date information on outdoor recreation demand, to monitor changes in outdoor recreation, and to measure the demand for natural resources for recreational purposes.

The sample surveys have been decades a useful and cost effective tool for gaining this information. When estimating population level changes in outdoor recreation demand, the declining response rate may bias the outcome. In addition the survey response rates have shown declining trends in many countries. On the other hand, the digitalization and mobile technology and promises of “big data” are seen as an opportunity or even an alternative for monitoring.

The high quality of data is the key issue for all research. How the non-response biases were minimized in your survey? How the respondents were contacted? This session discusses current experiences and new methodologies of data collection including the GIS-based approaches. In this session, we are looking for practical applications of surveys in combination with other data types and how they are used for monitoring. The exchange of experiences of both the successes and failures (what went wrong) are welcome.

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