

May 1988

## Call for Papers

### *The 1989 Special Issue on Environmental Statistics*

Environmental statistics is a recent and growing branch of official statistics, stemming from the substantial changes in the environment due to pollution, acidification, etc. Describing and analyzing the state of the environment, with its complex biological systems, present new challenges for statistical methodology. In this special issue, we are interested in a broad range of methodology and applications, and in the policy issues of environmental statistics. The following are examples of suitable topic areas.

1. Sampling the environment, e.g., definition of population and frame, random and nonrandom samples.
2. Data collection and data sources, e.g., methods of measurement, remote sensing, etc.
3. Generalization from point measurements, e.g., Kriging, etc.
4. Analysis of environmental data, e.g., analysis of relations between variables, other multivariate methods, time series analysis, and nonrandom data.
5. Choice of variables, indicators, indices, e.g., comparability and classification. Planning for future data needs.
6. Harmonizing data of different character and quality, e.g., data obtained by different methods over time, hard and soft data, and case studies.
7. Presentation: choice of topics, forms (maps, tables), and regions (administrative, drainage areas), etc.
8. Use of official environmental statistics, e.g., instrumental use by government and local authorities, in research, or general information.
9. Evaluation of the environment in monetary terms, e.g., benefit-cost analysis.
10. Statistics, law, and environment.
11. International environmental issues, cooperation, etc.

Manuscripts for the special issue should be sent in five copies to the Chief Editor, Lars Lyberg, preferably before November 30, 1988.

The *Journal of Official Statistics* is a refereed scholarly journal published quarterly. All inquiries should be directed to the Chief Editor at the address below.

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