

12. SURVEY DESIGN AND SAMPLING

- 12.1 Bonzek, C. F., Myers, W. L., Parolari, B. W., and Patil, G. P. (1986). Sources of bias in harvest surveys for marine fisheries. In *Oceans 86 Special Issue*, IEEE, Piscataway, New Jersey. pp. 908-913.
- 12.2 Patil, G. P., Babu, G. J., Hennemuth, R. C., Myers, W. L., Rajarshi, M. B., and Taillie, C. (1988). Data-based sampling and model-based estimation for environmental resources. In *Handbook of Statistics* Vol. 6, P. R. Krishnaiah and C. R. Rao, eds. Elsevier Science Publishers, B.V., pp. 489-513.
- 12.3 Boswell, M. T., Burnham, K. P., and Patil, G. P. (1988). Role and use of composite sampling and capture-recapture sampling in ecological studies. In *Handbook of Statistics*, Vol. 6, P. R. Krishnaiah and C. R. Rao, eds. Elsevier Science Publishers, B.V., pp. 469-488.
- 12.4 Ramsey, F., Gates, C., Patil, G. P., and Taillie, C. (1988). On transect sampling to assess wildlife population and marine resources. In *Handbook of Statistics*, Vol. 6, P. R. Krishnaiah and C. R. Rao, eds. Elsevier Science Publishers, B.V., pp. 515-532.
- 12.5 Patil, G. P., Gore, S. D., and Sinha, A. K. (1992). Environmental sampling and statistical modeling with examples. In *Proceedings of the 16th International Biometric Conference*, Hamilton, New Zealand. pp. 149-188.
- 12.6 Patil, G. P. and Taillie, C. (1993). Environmental sampling, observational economy, and statistical inference with emphasis on ranked set sampling, encounter sampling, and composite sampling. In *Bull. ISI, Proceedings of 49th Session*, Firenze, Italy. pp. 295-312.
- 12.7 Patil, G. P., Gore, S. D., and Sinha, A. K. (1993). Environmental chemistry, statistical modeling, and observational economy. In *Environmental Statistics, Assessment, and Forecasting*, C. R. Cothorn and N. P. Ross, eds. Lewis Publ./CRC Press, Boca Raton, FL. pp. 57-97.
- 12.8 Myers, W. L. and Patil, G. P. (1995). Simplicity, efficiency, and economy in forest surveys. In *The Monte Verita Conference on Forest Survey Designs: Simplicity Versus Efficiency*, M. Kohl, P. Bachmann, P. Brassel, and G. Preto, eds. Swiss Federal Institute for Forest, Snow and Landscape Research (WLS/FNP), Birmensdorf. Swiss Federal Institute of Technology (ETH), Section of Forest Inventory and Planning, Zurich. pp. 47-55.
- 12.9 Aragon, E., Gore, S. D., and Patil, G. P. (1994). Environmental sampling, observational economy, and extreme values. *Parisankhyan Samikkha*, 1(1), 71-81.
- 12.10 Patil, G. P., Patterson, D., and Taillie, C. (1994). Natural resource economics, nonmarket damage assessment, and dose response experiment type survey designs. *Journal of Agricultural, Biological and Environmental Statistics*. (Under revision).
- 12.11 Patil, G. P. and Taillie, C. (2000). Contemporary challenges and recent advances in ecological and environmental sampling. In *Advances on Methodological and Applied Aspects of Probability and Statistics*. N. Balakrishnan, Ed. Gordon and Breech Publishers, Amsterdam, The Netherlands.
- 12.12 Ringvall, A., Patil, G. P., and Taillie, C. (2000). A field test of surveyors' influence on estimates in line transect sampling. *Forest Ecology and Management*, 137, 103—111.

12.13 Patil, G. P., Taillie, C., and Vraney, R. (2002). An ecological assessment of the United States mid-Atlantic region using rank frequency distributions based on watershed quintiles. *Community Ecology*, 3(1), 1—8.

12.14 Myers, W. L., Bishop, J., Brooks, R., and Patil, G. P. (2001). Composite spatial indexing of regional habitat importance. *Community Ecology*, 2(2), 213—220.