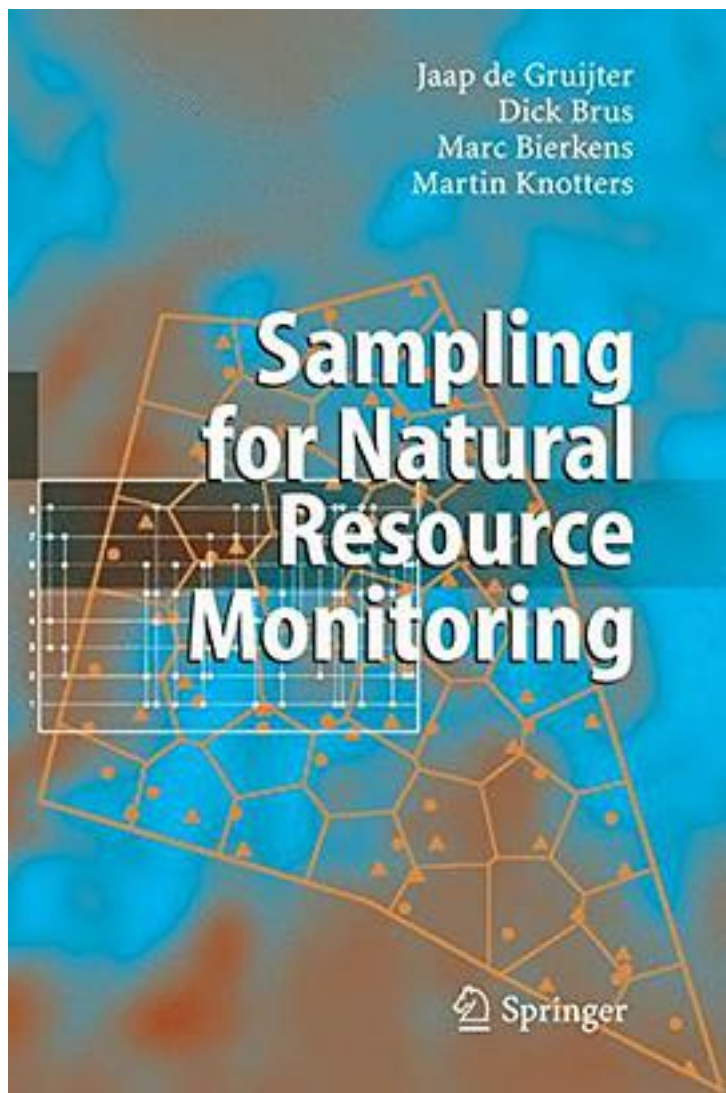


# Sampling for Natural Resource Monitoring



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This book presents statistical knowledge, and methodology of sampling and data analysis specifically for spatial inventory and monitoring of local natural resources. The text shows how statistical methodology can be embedded in real-life spatial inventory and monitoring projects. The book functions as a design guide for efficient sampling schemes and monitoring systems can be designed, consistent with the aims and constraints of the project.

作者介绍:

目录: Designing sampling schemes and monitoring systems (a classification of spatial inventory and monitoring problems, design of sampling schemes and monitoring systems, decision tree to methods); methods for global quantities (methods in space, methods in time, methods in space-time); methods for local quantities (Methods in space, methods in time, methods in space-time); methods for model parameters (spatial models, time series models, space-time models); appendices: optimization algorithms (optimization for design based sampling, optimization of model based sampling)  
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标签

评论

de Gruijter and Dick Brus, Wageningen University, NL.  
一本关于地学采样设计优化的专著，从时间，空间和时空三个层次，分别介绍design - based 采样和model - based采样优化。

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