Brief Notice

Forest Ecology

This popular textbook has been revised to include contemporary knowledge on the structure, function, and processes of forest ecosystems as viewed from organismal, community, and landscape levels of organization. Now in its fourth edition, the book includes six major subdivisions. "Ecosystems at Spatial Scales" includes broad coverage of spatial and temporal factors affecting forest ecosystems, while "The Forest Tree" discusses sources of variation in the morphology and growth patterns of individual trees. "The Forest Environment" describes physical factors of forests and concludes with information on site classification. "Forest Communities" presents systems for organizing associated forest plants and animals into species assemblages, while "Forest Ecosystem Dynamics" considers relationships of plant and animal species to their physical environment, natural disturbance regimes, and stages of forest succession. The final subdivision, "World Forests," is an overview of the major forest types organized according to climate, including characteristics of dominant tree genera that allow them to thrive successfully in their native environments.

Although many features from the third edition have been retained, the current edition includes new information on global climate change, atmospheric deposition of nutrients, and effects of natural and anthropogenic disturbances on forest structure and diversity. In addition, a new chapter on landscape ecology includes discussions on ecosystem management and sustainability with examples from different regions of the United States. Because of its comprehensive treatment of both classical and contemporary ecological literature, the book continues to be an excellent text for use in college courses and as a standard reference of ecological principles for foresters, ecologists, and naturalists.

Meetings Announcements

International Conference on Statistics, Combinatorics and Related Areas (Sixth International Conference of the Forum for Interdisciplinary Mathematics)
December 18–20, 1999
University of South Alabama, Mobile, Alabama 36688
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Erratum

In For. Sci. 45(2):249–258, Spatially optimizing wildlife habitat edge effects in forest management linear and mixed-integer programs, by Bevers and Hof, Equation (3) on p. 250 should read

\[ S_u \leq \sum_j (1 + r_j)g_{j(i)} S_{j(t-1)} \quad \forall i ; t = 1, \ldots, T \]  \hspace{1cm} (3)