



Vegetation Ecology is a comprehensive account of plant communities and their environments. Written by leading experts in their field from four continents, this up-to-date, innovative text:

- covers the composition, structure, ecology, diversity, distribution and dynamics of plant communities, with an emphasis on functional adaptations to the abiotic and biotic processes governing plant communities;
- reviews the modern developments in vegetation ecology in a historical perspective;
- presents a coherent view on vegetation ecology while integrating population ecology, dispersal biology, biotic interactions, herbivory, interactions with soil organisms and ecosystem ecology; and
- tackles applied aspects of vegetation ecology, notably nature management, restoration ecology and global change studies.

Aimed at advanced undergraduates, graduates and researchers in plant ecology, geography, forestry and nature conservation, *Vegetation Ecology* takes an integrated, multi-disciplinary approach and will be welcomed as an essential reference for plant ecologists the world over.

EDDY VAN DER MAAREL is former Vice-President of the International Association for Vegetation Science; one of the founding editors of the *Journal of Vegetation Science and Applied Vegetation Science*; an honorary member of the British Ecological Society, the Royal Botanical Society of the Netherlands and the Swedish Phytogeographical Society; and a member of the Royal Netherlands Academy of Arts and Sciences and the Royal Swedish Academy of Sciences. He has made a major contribution to the amalgamation of Anglo-American and European approaches in vegetation science, and has a special interest in vegetation dynamics and the application of vegetation ecology in nature conservation and planning.

Cover image: *Pinus sylvestris*-dominated boreal forest with *Picea abies* in Russian Karelia recovering from a wildfire. Photo Timo Kuuluvainen.

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