



Contents

O. Wildi, E. Feldmeyer-Christe, S. Ghosh and N. E. Zimmermann: Comments on vegetation monitoring approaches	1
F. Kohler, F. Gillet, M.-A. Progin, J.-M. Gobat and A. Buttler: Seasonal dynamics of plant species at fine scale in wooded pastures.....	7
D. B. Percival, M. Wang and J. E. Overland: An introduction to wavelet analysis with applications to vegetation time series	19
J. A. M. Janssen: The use of sequential vegetation maps for monitoring in coastal areas	31
R. Ohlemüller, P. Bannister, K. J. M. Dickinson, S. Walker, B. J. Anderson and J. B. Wilson: Correlates of vascular plant species richness in fragmented indigenous forests: assessing the role of local and regional factors.....	45
M. Küchler, K. Ecker, E. Feldmeyer-Christe, U. Graf, H. Küchler and L. T. Waser: Combining remotely sensed spectral data and digital surface models for fine-scale modelling of mire ecosystems	55
R. A. Washington-Allen, R. D. Ramsey and N. E. West: Spatiotemporal mapping of the dry season vegetation response of sagebrush steppe	69
M. E. Sanders, G. M. Dirkse and P. A. Slim: Objectifying thematic, spatial and temporal aspects of vegetation mapping for monitoring	81
M. E. Schaepman, B. Koetz, G. Schaepman-Strub, N. E. Zimmermann and K. I. Itten: Quantitative retrieval of biogeophysical characteristics using imaging spectroscopy – a mountain forest case study	93
G. Campetella, R. Canullo and S. Bartha: Coenostate descriptors and spatial dependence in vegetation – derived variables in monitoring forest dynamics and assembly rules	105
G. M. Dirkse and W. P. Daamen: Dutch forest monitoring network, design and results....	115
L. T. Waser, S. Stofer, M. Schwarz, M. Küchler, E. Ivits and C. Scheidegger: Prediction of biodiversity – regression of lichen species richness on remote sensing data.....	121
M. Plattner, S. Birrer and D. Weber: Data quality in monitoring plant species richness in Switzerland	135
Book reviews	145