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14 Status of Alien Plant Invasions in the North-eastern Region of India
15 Invasive Alien Weeds in the Tropics: the Changing Pattern in the Herbaceous Flora of Meghalaya in North-east India; 16 Invasion by Alien Macrophytes in Freshwater Ecosystems of India; 17 Plant Invasions in Jammu and Kashmir State, India; PART III: ENVIRONMENTAL IMPACT AND RISK ASSESSMENT; 18 Risk Assessment for Management of Biological Invasions; 19 Economics of Invasive Alien Species; PART IV: POPULATION DYNAMICS AND UTILIZATION; 20 Population Dynamics of Invasive Alien Species of Eupatorium
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22 Lantana Mulching for Soil Fertility Improvement, Soil and Water Conservation and Crop Yield Enhancement in Rainfed Rice in the Kumaun Hills; PART V: MANAGEMENT AND LEGISLATION; 23 Control of Lantana and Restoration of Biodiversity in Reserve Forests of Chandigarh: a Case Study; 24 Woody, Alien and Invasive Prosopis juliflora (Swartz) D.C.: Management Dilemmas and Regulatory Issues in Gujarat; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; R; S; T; U; W; X

Sommario/riassunto

Invasive alien species are a major threat to biodiversity and ecosystems throughout the world. In India, a country with three of the world's most important 'biodiversity hotspots', the invasion of alien plants means risking a national ecological disaster with major social and economic consequences. Currently there is insufficient information about invasive alien plants; their distribution, rate of spread and adaptability to new environments. This book reveals existing and potential invaders, evaluates the level of risk they pose to native species and suggests steps to manage spread and limit d
