List of Tables

Table 2.1	Tropical moist forests extent and deforestation rates as of 1989. [After Myers (1991)]	10
Table 2.2	Prediction for forest loss until 2025 using UN population projection. [After Pahari and Murai (1997)]	19
Table 2.3	Predicted rates of deforestation (1990-2025 and 2025-2050). [After Pahari and Murai (1997)]	20
Table 2.4	Projected rates of population growth (1990-2025 and 2025-2050). [After Pahari and Murai (1997)]	20
Table 4.1	Early model simulations of tropical deforestation. [Modified from Henderson-Sellers (1987)]	48
Table 4.2	Model features of previous GCMs of tropical deforestation.	54
Table 4.3	Major development and improvement of previous GCMs of tropical deforestation.	55
Table 4.4	Comparison of annually averaged climatic changes for the Amazon region from previous GCM simulations of tropical deforestation.	56
Table 5.1	Annually averaged climatic changes over Southeast Asia region following deforestation. [After Zhang *et al.* (1996a)]	76
Table 5.2	As Table 5.1 but for the Amazon Basin. [After Zhang *et al.* (1996a)]	76
Table 6.1	The Unified Model in UKMO - version upgrades, hardware platforms and significant changes. [After Met. Office (1996) and personal communication]	108
Table 6.2	Global atmospheric configurations of the Unified Model used for production and research at the UKMO. [From Met. Office (1996)]	117
Table 8.1	Deforestation condition of the vegetation parameter.	187
Table 9.1	Monthly averaged climatic changes over the study area following deforestation (based on 10-case ensemble).	211

Table 9.2	Monthly averaged surface hydrological changes on the 38 land-points within the deforested region following deforestation (based on 10-case ensemble).	212
Table 9.3	Monthly average surface radiative energy budget for the control, deforestation and difference (deforestation - control) over the Southeast Asia study area (based on 10-case ensemble).	213
Table 9.4	Monthly average atmospheric radiative energy budget for the control, deforestation and difference (deforestation - control) over the Southeast Asian study area based on 10-case ensemble.	215