

List of Figures

Figure No.	Title	Page No.
Figure 1.	Landuse/Landcover of Bangalore Urban Agglomeration, 2001	47
Figure 2.	Sprawl of Bangalore Urban Agglomeration, 1971-2001	48
Figure 3.	Land Use Classification of Bangalore 1992 (Landsat TM)	49
Figure 4.	Land Use Classification of Bangalore 2000 (Landsat ETM)	49
Figure 5.	Bangalore Expansion of Built Up, 1992	50
Figure 6.	Bangalore Expansion of Built Up, 2001	50
Figure 7.	Urban Growth Pattern of Jaipur	53
Figure 8.	Land Transformation of Jaipur (1975-86)	55
Figure 9.	Land Transformation of Jaipur (1986-91)	56
Figure 10.	Land Transformation of Jaipur (1991-2003)	57
Figure 11.	Land Use of Mumbai, 1995	67
Figure 12.	Land Use of Mumbai, 2011	68
Figure 13.	Landuse/Landcover of Hyderabad, 2001	71
Figure 14.	Sprawl of Hyderabad, 1971-2001	72
Figure 15.	Study Area: Delhi	77

Figure No.	Title	Page No.
Figure 16.	Loss of Forest and Cultivated Area in Delhi (1987, 1999, 2006)	85
Figure 17.	Built Up Area in Delhi (1999-2006)	86
Figure 18.	Land Cover Change for Different Classes in Delhi 1997-2008	88
Figure 19.	Land Use/Land Cover Distribution of Delhi (1997- 2008)	89
Figure 20.	Land Use of Delhi, 1977 (LANDSAT MSS)	95
Figure 21.	Land Use of Delhi, 2006 (LANDSAT ETM)	96
Figure 22.	Land Use Change in Delhi (1977-2006)	97
Figure 23.	Land Use in Karol Bagh Core in 1961	100
Figure 24.	Land Use in Karol Bagh Core in 2011	101
Figure 25.	Land Use in Connaught Place Core in 1961	102
Figure 26.	Land Use in Connaught Place Core in 2011	103
Figure 27.	Land Use in Chandni Chowk Core in 1961	104
Figure 28.	Land Use in Chandni Chowk Core in 2011	105
Figure 29.	Land Use in Core and Intermediary Zones of Delhi, 1961	107

Figure No.	Title	Page No.
Figure 30.	Land Use in Core and Intermediary Zones of Delhi, 2011	108
Figure 31.	Location of Parks Surveyed in Delhi	113
Figure 32.	Open Area in the Zones of Delhi, 2011	145
Figure 33.	Percentage Open Area in Delhi, 2011	146
Figure 34.	Open Area per Thousand Population in Delhi, 2011	147

List of Tables

Table No.	Title	Page No.
Table 2.1	Demographic Characteristics of Bangalore UA (1971-2011)	44
Table 2.2	Land Use (in percentage) of Bangalore UA (1971- 2001)	45
Table 2.3	Extent of Land Use Change among Built-Up and Non-Built-Up	51
Table 2.4	Change in the Extent of Open Space in Bangalore	51
Table 2.5	Demographic Characteristics of Jaipur (1981-2011)	54
Table 2.6	Temporal Changes in Land Use of Jaipur (1975-1991)	58
Table 2.7	Population in Mumbai Metropolitan Region (MMR), 1971-2011	61
Table 2.8	Land use distribution in MMR in 1971 (Area in sq. km.)	63
Table 2.9	Land use distribution in MMR in 1991 (Area in sq. km.)	64
Table 2.10	Land use distribution in MMR in 2011 (Area in sq. km.)	65
Table 2.11	Land-use change in MMR 1971-2011 (Area in sq. km)	66
Table 2.12	Demographic Characteristics of Hyderabad UA (1971-2011)	69
Table 2.13	Land Use (in percentage) of Hyderabad UA (1971- 2001)	70
Table 3.1	Growth of Population in Delhi, 1901- 2011	78
Table 3.2	Trend of Urbanisation in Delhi, 1901-2011	80
Table 3.3	Projected Population in Delhi (five yearly estimates)	82

Table No.	Title	Page No.
Table 3.4	Population in NCT Delhi	82
Table 3.5	Utilisation of land in Delhi, 1960-2011 (area in hectare)	83
Table 3.6	Planning Norms, Standards for Recreational Areas/Parks at Sub-City Level	93
Table3.7	Planning Norms, Standards for Recreational Areas/Parks at Neighbourhood Level	93
Table 3.8	Planning Norms, Standards for Multipurpose Grounds	94
Table 3.9	Land Use Change in Delhi (1977-2006)	97
Table 3.10	Land Use Change in Three Core Zones of Delhi (Area in sq.km.)	98
Table 3.11	Land Use Change in the Core and Intermediary Zone of Delhi (Area in sq. km.)	106
Table 4.1	Age Group (Inter Park Variation)	115
Table 4.2	Family Type (Inter Park Variation)	116
Table 4.3	Type of House (Inter Park Variation)	116
Table 4.4	Education (Inter Park Variation)	117
Table 4.5	Occupation (Inter Park Variation)	118
Table 4.6	Household Income (Inter Park Variation)	119

Table No.	Title	Page No.
Table 4.7	Purpose of Visit (Inter Park Variation)	119
Table 4.8	Park Visited (Inter Park Variation)	120
Table 4.9	Frequency of Visit (Inter Park Variation)	120
Table 4.10	Time of Visit (Inter Park Variation)	121
Table 4.11	Duration of Stay (Inter Park Variation)	122
Table4.12	The Adequacy Of Open Space In Your Area (A) Recreational Purpose (Inter Park Variation)	122
Table4.13	The Adequacy Of Open Space In Your Area (B) Community Facility (Inter Park Variation)	123
Table 4.14	The Maintenance of the Open Space (Inter Park Variation)	123
Table 4.15	Strength of Relationship (in Different Type of Parks)	124
Table 4.16	Age Group (Weekend –Weekday Variation)	125
Table 4.17	Type of House (Weekend –Weekday Variation)	126
Table 4.18	Education (Weekend –Weekday Variation)	126
Table 4.19	Household Income (Weekend –Weekday Variation)	127
Table 4.20	Purpose of Visit (Weekend –Weekday Variation)	127
Table 4.21	Frequency of Visit (Weekend –Weekday Variation)	128
Table 4.22	The Maintenance of the Open Space (Weekend –Weekday Variation)	128

Table No.	Title	Page No.
Table 4.23	Strength of Relationship (in Weekend –Weekday Variation)	129
Table 4.24	Gender (Morning, Afternoon and Evening Variation)	130
Table 4.25	Age Group (Morning, Afternoon and Evening Variation)	131
Table 4.26	Type of House (Morning, Afternoon and Evening Variation)	131
Table 4.27	Frequency of Visit (Morning, Afternoon and Evening Variation)	132
Table 4.28	Duration of Stay (Morning, Afternoon and Evening Variation)	132
Table 4.29	Strength of Relationship (in Morning, Afternoon and Evening Timings)	133
Table 5.1	Open Area in the Zones of Delhi, 2011	144