

LIST OF FIGURES

Figure 1.1	The northern Negev in regional context.	2
Figure 3.1	Hillshade map of the northern Negev and the surrounding area.	15
Figure 3.2	Soil map of the northern Negev.	16
Figure 3.3	Present-day average precipitation.	17
Figure 3.4	Vegetation of the northern Negev.	18
Figure 3.5	Paleorainfall during the last 7,000 years.	19
Figure 4.1	ASI—Published survey maps of the Northern Negev. . . .	24
Figure 4.2	Water resources northern Negev.	29
Figure 4.3	Example of georeferenced map.	30
Figure 4.4	Roman road, Ma'aleh Deragot.	31
Figure 4.5	Coins from excavations in the northern Negev.	40
Figure 4.6	Coin finds from the study areas according to dating. . . .	41
Figure 4.7	Detailed map of the northern Negev and the three study areas.	43
Figure 5.1	Western study area.	48
Figure 5.2	Land use western study area.	49
Figure 5.3	Total sites within the western study area.	52
Figure 5.4	Sites according to settlement type in the western study area.	53
Figure 5.5	Overview of the excavated sites in the western study area.	56
Figure 5.6	Western study area: Hellenistic settlement patterns.	59
Figure 5.7	Early Roman sites	62
Figure 5.8	Late Roman period site distribution.	67
Figure 5.9	Byzantine site distribution in the western study area. . . .	72
Figure 5.10	Mosaic floors of cult sites in the western study area.	77

Figure 5.11	Early Islamic period site distribution in the western study area.	80
Figure 5.12	Coin finds from the Western study area.	82
Figure 6.1	Central study area, showing the main modern settlements.	86
Figure 6.2	Modern land use of the central study area.	87
Figure 6.3	Central study area, total sites according to archaeological period.	89
Figure 6.4	Sites according to settlement type in the central study area.	90
Figure 6.5	Previous field work in the central study area.	92
Figure 6.6	Hellenistic settlements of the central study area.	96
Figure 6.7	Early Roman settlements in the central study area.	97
Figure 6.8	Plan of the Late Roman period Farmhouse at Khirbat Amra.	102
Figure 6.9	Late Roman settlements in the central study area.	103
Figure 6.10	Late Roman Be'er Sheva.	106
Figure 6.11	Byzantine period site distribution in the central study area.	110
Figure 6.12	Point density analysis of the Byzantine settlements.	111
Figure 6.13	Khirbat Amra, square dovecote towers.	114
Figure 6.14	Pictures from the excavation at Abu Matar	119
Figure 6.15	Kernel density estimation of the Byzantine city of Be'er Sheva.	121
Figure 6.16	Early Islamic period site distribution in the central study area.	131
Figure 6.17	Open-air Mosque excavated near Rahat.	133
Figure 6.18	Coin finds from the central study area according to dating.	137
Figure 7.1	Eastern study area depicting modern settlements.	139
Figure 7.2	Modern land use of the eastern study area.	141
Figure 7.3	Eastern study area, total sites according to archaeological period.	143
Figure 7.4	Sites according to settlement type in the eastern study area.	144
Figure 7.5	Previous field work in the eastern study area.	146
Figure 7.6	Hellenistic settlements of the eastern study area.	149
Figure 7.7	Early Roman sites in the eastern study area.	153
Figure 7.8	Tel Malhata, the lower settlement and the Necropolis.	155
Figure 7.9	Nabatean carinated bowls from burials 187 and 189.	156

Figure 7.10	Roman period figurine made from black hardwood (ebony).	157
Figure 7.11	Late Roman sites of the eastern study area.	158
Figure 7.12	Byzantine period site distribution in the eastern study area.	162
Figure 7.13	Possible Early Islamic (Muslim) burial.	165
Figure 7.14	Early Islamic period settlements in the eastern study area.	166
Figure 7.15	Coin finds from the eastern study area.	169
Figure 8.1	Minimum and maximum population of Be'er Sheva.	175
Figure 8.2	northern Negev with main cities and towns according to population size.	177
Figure 8.3	Distance analysis of the Byzantine city of Be'er Sheva.	180
Figure 8.4	Site density in the hinterland of Be'er Sheva.	181
Figure 8.5	Settlement patterns of the northern Negev.	182
Figure 8.6	Raster analysis of villages surrounding cities and towns.	183
Figure 8.7	Raster analysis of farmhouses surrounding cities and towns.	184
Figure 8.8	Settlement distribution surrounding Be'er Shema.	185
Figure 9.1	Overview of the percentage of sites according to period.	190
Figure 9.2	Abandonment of cities and towns in the study area.	193
Figure 9.3	Establishment of churches in the study areas.	195
Figure 9.4	Abandonment of churches in the study areas.	196
Figure 9.5	Churches in the northern Negev, map of the sixth century	197
Figure 9.6	Establishment of monasteries in the study areas.	198
Figure 9.7	Abandonment of monasteries in the study area.	198
Figure 9.8	Monasteries in the northern Negev.	199
Figure 9.9	Seventh century CE cult sites in the study area.	201
Figure 9.10	Seventh-eight centuries CE cult sites in the study area.	202
Figure 9.11	Eight century CE cult sites in the study area.	202