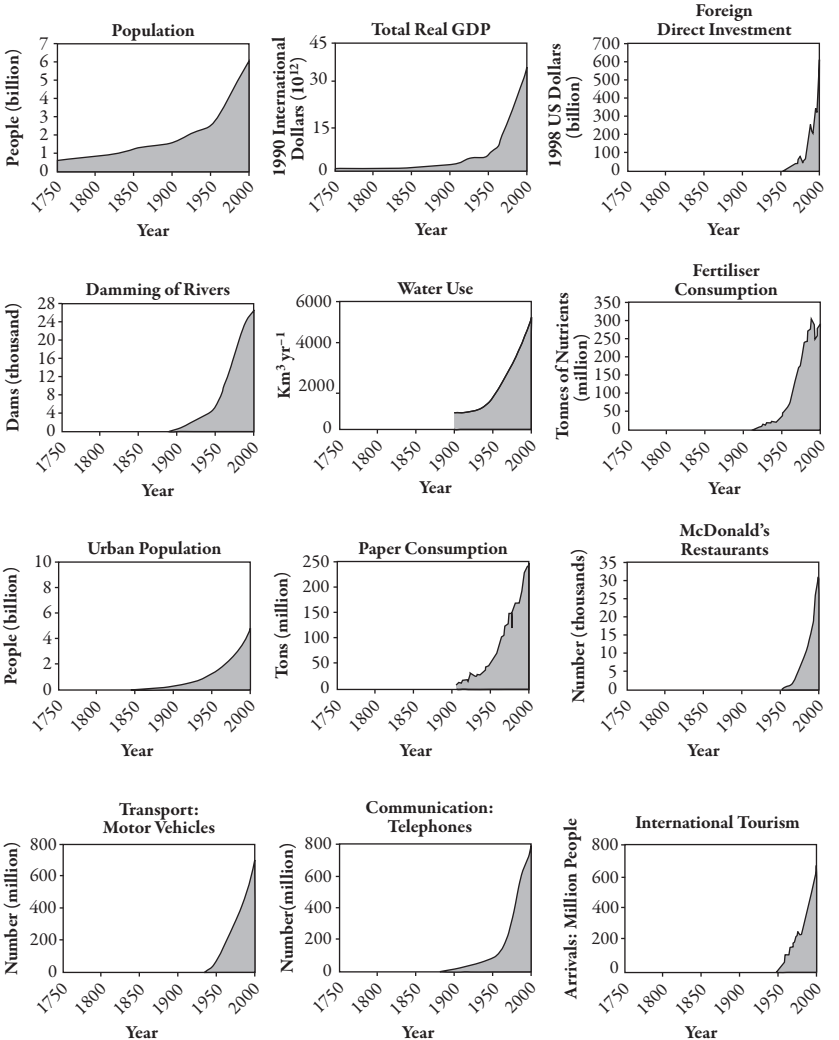

Population
People (billion)
0
1
2
3
4
5
6
7
1750
1800
1850
1900
1950
2000
Year
Total Real GDP
1990 International Dollars (10^{12})
0
15
30
45
Year
Foreign Direct Investment
1998 US Dollars (billion)
0
100
200
300
400
500
600
700
Year
Damming of Rivers
Dams (thousand)
0
4
8
12
16
20
24
28
Year
Water Use
Km^3 yr^{-1}
0
2000
4000
6000
Year
Fertiliser Consumption
Tonnes of Nutrients (million)
0
50
100
150
200
250
300
350
Year
Urban Population
People (billion)
0
2
4
6
8
10
Year
Paper Consumption
Tons (million)
0
50
100
150
200
250
Year
McDonald's Restaurants
Number (thousands)
0
5
10
15
20
25
30
35
Year
Transport: Motor Vehicles
Number (million)
0
200
400
600
800
Year
Communication: Telephones
Number(million)
0
200
400
600
800
Year
International Tourism
Arrivals: Million People
0
200
400
600
800
Year

FIGURE 2.1

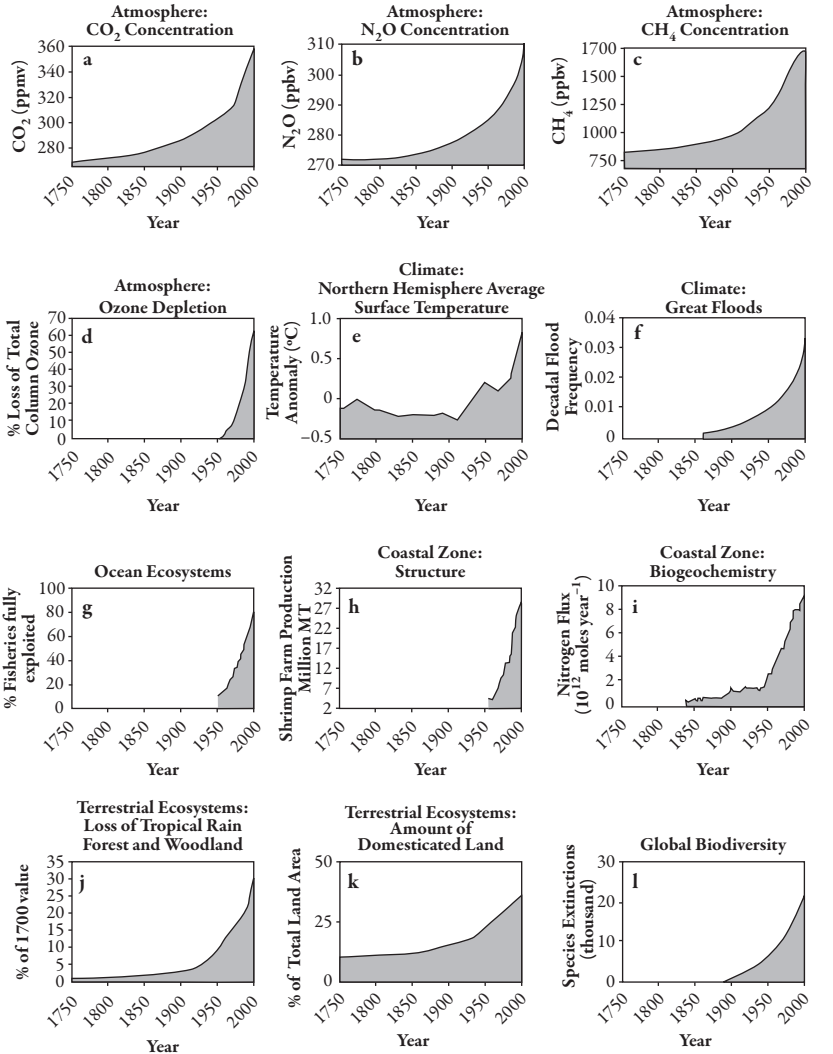
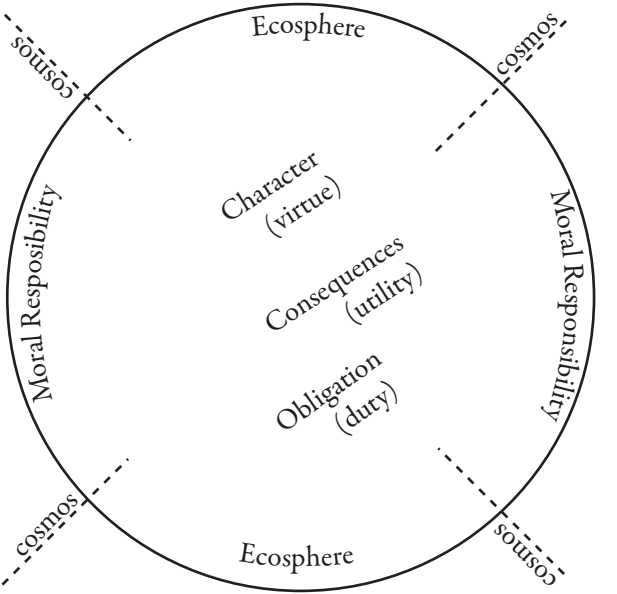

Atmosphere: CO_2 Concentration
a
CO_2 (ppmv)
360
340
320
300
280
Atmosphere: N_2O Concentration
b
N_2O (ppbv)
310
300
290
280
270
Atmosphere: CH_4 Concentration
c
CH_4 (ppbv)
1700
1500
1250
1000
750
Atmosphere: Ozone Depletion
d
% Loss of Total Column Ozone
70
60
50
40
30
20
10
0
Climate: Northern Hemisphere Average Surface Temperature
e
Temperature Anomaly (°C)
1.0
0.5
0
−0.5
Climate: Great Floods
f
Decadal Flood Frequency
0.04
0.03
0.02
0.01
0
Ocean Ecosystems
g
% Fisheries fully exploited
100
80
60
40
20
0
Coastal Zone: Structure
h
Shrimp Farm Production Million MT
32
27
22
17
12
7
2
Coastal Zone: Biogeochemistry
i
Nitrogen Flux (10^{12} moles year^{-1})
10
8
6
4
2
0
Terrestrial Ecosystems: Loss of Tropical Rain Forest and Woodland
j
% of 1700 value
35
30
25
20
15
10
5
0
Terrestrial Ecosystems: Amount of Domesticated Land
k
% of Total Land Area
50
25
0
Global Biodiversity
l
Species Extinctions (thousand)
30
20
10
0
1750
1800
1850
1900
1950
2000
Year

FIGURE 2.2



The Moral Life
in the Antheopocene

FIGURE 7.1