

POPULATION GROWTH

INCREASED DEMAND FOR FOOD

2 OVERGRAZING

1 DEFORESTATION

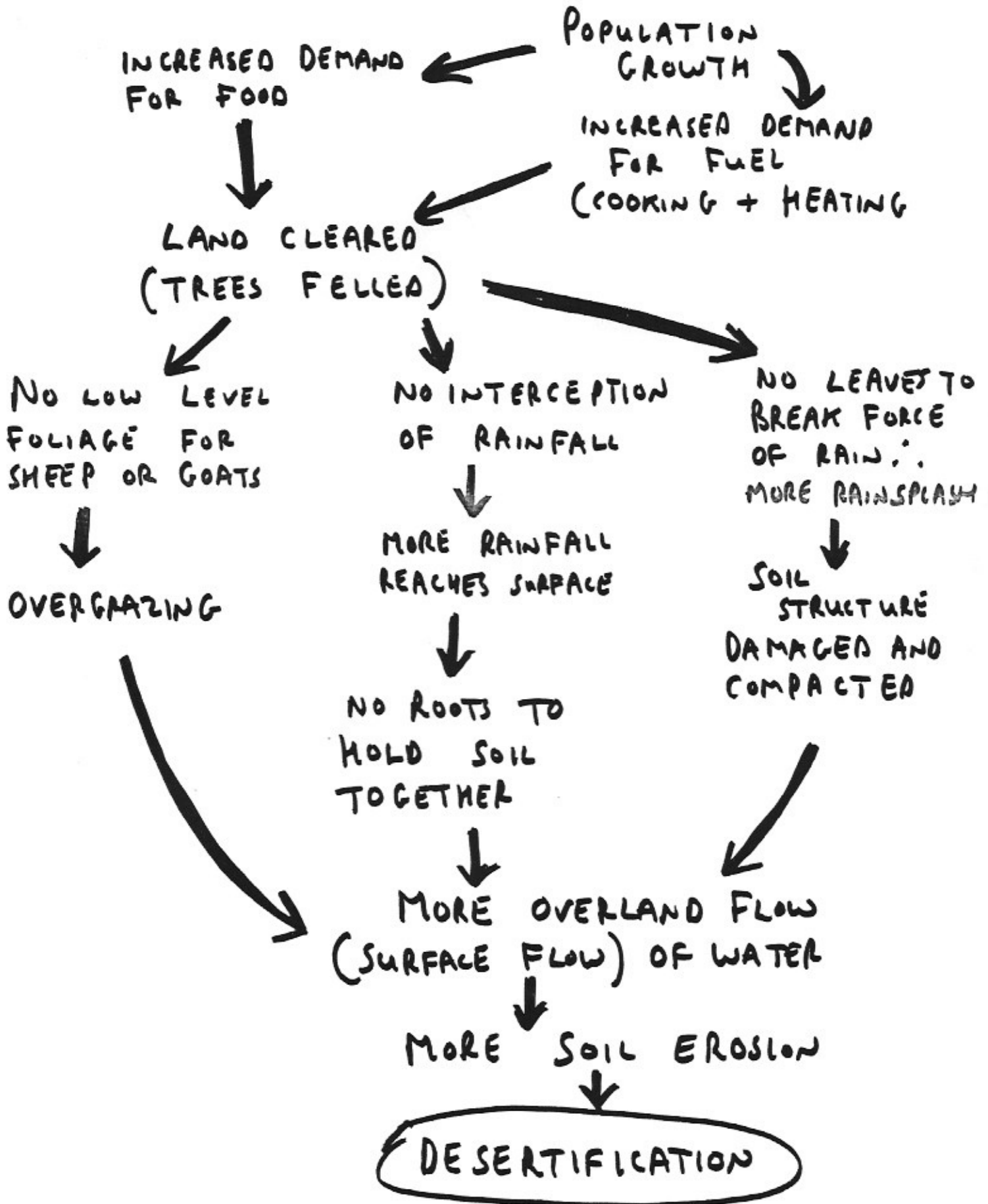
3 OVERCULTIVATION

DESERTIFICATION

CLIMATE CHANGE

1

# DEFORESTATION



2

# OVERGRAZING

POPULATION GROWTH

MORE SHEEP/GOATS/CATTLE KEPT

GRASSLAND  
BECOMES MORE  
SPARSE

GROUND  
COMPACTED

ANIMAL TRACKS  
TO BORE HOLES  
(water holes)  
COMPACTED AND  
ERODED

SOIL NOT  
HELD TOGETHER  
BY ROOTS

MORE OVERLAND  
(SURFACE) FLOW OF  
WATER

WIND BLOWN  
EROSION

MORE SOIL EROSION

# DESERTIFICATION

3

OVERCULTIVATION

POPULATION GROWTH



MORE CONTINUOUS  
CROPPING



SHORTER AND FEWER  
FALLOW PERIODS



LAND LOSES  
FERTILITY



NUTRIENTS  
NOT  
REPLACED



SOIL STRUCTURE  
DEGRADED



MORE WIND BLOWN  
OR WATER EROSION



DESERTIFICATION