The effects of future landuse change for the central region of Turkey on temperature and precipitation
GROUP 12

THE EFFECTS OF FUTURE LANDUSE CHANGE FOR THE CENTRAL REGION OF TURKEY ON TEMPERATURE AND PRECIPITATION

TUGBA OZTURK, LEVENT KURNAZ, JEAN PIERRE
Parameters:
- clat=39.00N
- clon=36.00E
- iy=40
- jx=80
- ds=30 km
- iproj=LAMCON
- ssttyp=OI_WK for present run, EHA1B for future run
- dattyp=EIN15 for present run, EH5OM for future run.
• 1990 Summer control run
• 2070 Summer future run
• Grell Cumulus convection scheme
• Fritsch & Chappell (1980)-Grell Scheme Cumulus closure scheme.
TOPOLOGY OF TURKEY
1990-CRU COMPARISON
2070-1990 COMPARISON
1990 LANDUSE COMPARISON
2070 LANDUSE COMPARISON

2070 SUMMER SEASON LANDUSE CHANGED – ORIGINAL

2070 SUMMER SEASON PRECIPITATION LANDUSE CHANGED – ORIGINAL