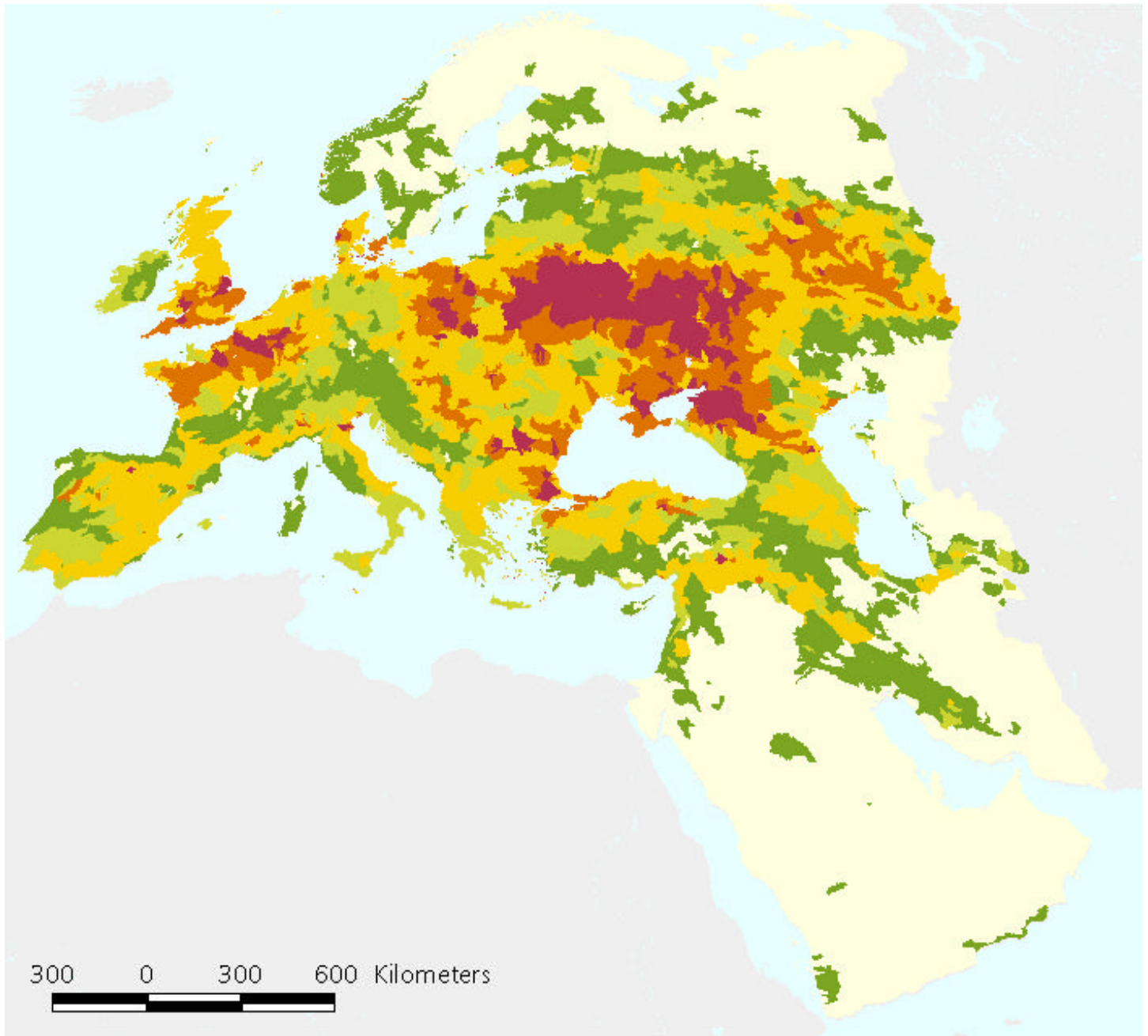


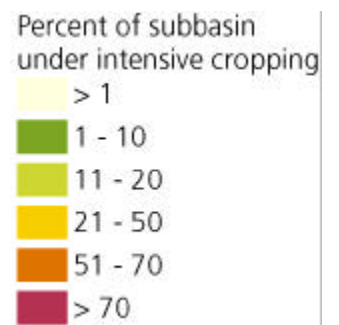
# Intensive Agricultural Land Use by River Subbasin in Europe and the Middle East



**Map Projection:** Interrupted Goode's Homolosine

**Citation:** World Resources Institute - PAGE, 2000

**Notes:**



**Analytical Overview:**

We combined the EDC 1999 watershed boundaries with the Global Land Cover Characteristics Data base and identified those areas with intensive cropland.

**Map Description:**

This map shows the areas with intensive cropland within watersheds, therefore showing the potentially important within-basin differences. This map shows the results for Europe (west of the Ural Mountains) and the Middle East. There are 4,033 subbasins in Europe. Here, the most intensively cultivated land area forms an arc extending from northern France to the Ukraine. Crop intensity is higher in basins in northern France, the Netherlands, and southern England, and in the subbasins of the Oder, Vistula, Dnieper, and Don rivers in Eastern Europe. There are also intensively cropped areas in parts of the Danube basin and subbasins close to the Black Sea, particularly around the Sea of Azov.

**Source:**

1. EDC (U.S. Geological Survey's EROS Data Center). 1999, . Sioux Falls, SD, U.S.A.: USGS and United Nations Environment Programme/Global Resource Information Database (UNEP/GRID). Available On-line at: <http://edcaac.usgs.gov/gtopo30/hydro>.  
2. GLCCD, 1998. Global Land Cover Characteristics Database, Version 1.2.. Loveland, T.R., B.C. Reed, J.F. Brown, D.O. Ohlen, Z. Zhu, L. Yang, and J. Merchant. 1998. "Development of a Global Land Cover Characteristics Database and IGBP DISCover from 1-km AVHRR Data" International Journal of Remote Sensing 21(6-7): 1303-1330. Available On-line at: <http://edcaac.usgs.gov/glcc/glcc.html>. Global Land Cover Characteristics Database, Version 1.2.