

Table 1 : main characteristics of the study cases.

Case study	Urban region surface	Location	Last decades population dynamics	Main agricultural land use	Landsat image data
Constantine (Algeria)	485 km ²	Inland plain and hilly areas	+ 8% (1998 – 2008)	Arable crops (winter wheat)	June 1987 - June 2011
Lisbon (Portugal)	4,273 km ²	Inland plain and hilly (below 200 m) areas	+ 6% (1981 -2011)	Vineyards and olive groves, arable crops (winter wheat, forages, vegetables)	July 1984 July 2010
Meknes (Morocco)	590 km ²	Plain areas and edge of plateau	+ 30% (1990-2010)	Vineyards, olive groves, arable crops	Mai 1987 – April 2011
Montpellier (France)	2,793 km ²	Coastal plain and hilly area	+ 34% (1990-2009)	Vineyards, olive groves, arable crops (winter wheat, vegetables)	July 1989 – July 2010
Pisa (Italy)	500 km ²	Coastal plain and hilly (below 900 m) areas	+10% (1980-2010)	Arable crops (winter wheat), olive groves	June 1985 - August 2011