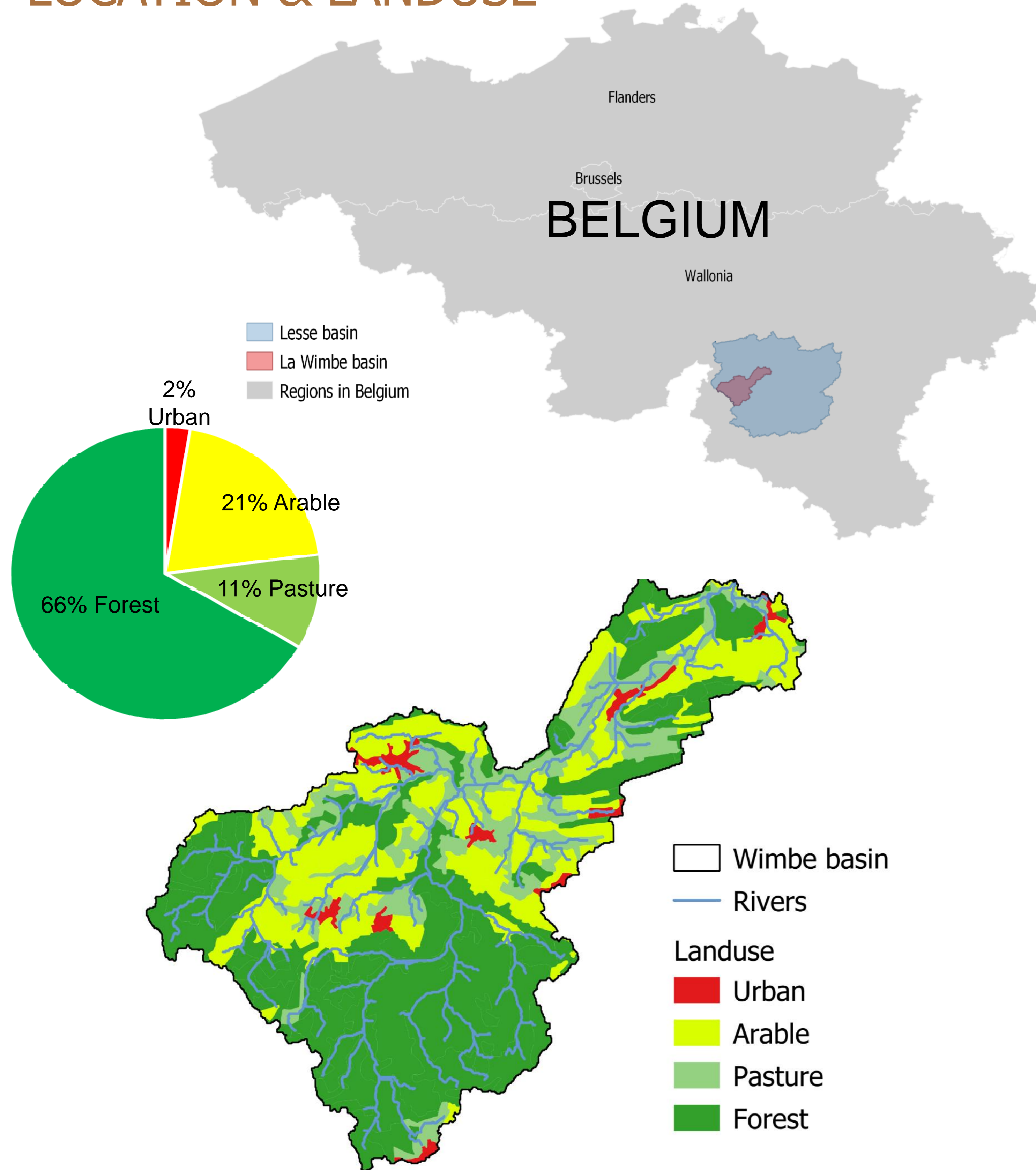


GHENT UNIVERSITY STUDY SITE: WIMBE RIVER BASIN (BELGIUM)

Marie Anne Forio and Peter Goethals

LOCATION & LANDUSE



GENERAL INFORMATION & PROBLEMS



- Catchment size: 112 km²
- Bioregion: continental
- A subbasin of the Lesse basin, which is a subbasin of the Meuse basin
- Precipitation: 844 mm/year (average)
- Vulnerable area for nitrate concentration in water that is exceeding or is likely to exceed 50 mg/L, may have undergone or likely to undergo eutrophication.
- The region where the stream flows is representative of the Famenne schisteuse. The landscape is open.



The region is vulnerable to both floods and low flows. Floods and droughts occur alternately.



Crop yield is affected due to drought during summer.

Occurrence of bank and soil erosion



EXISTING NATURAL/SMALL RETENTION MEASURES

Pastures and meadows



Presence of man-made wetlands. They are installed on a clay-rich soil.



Presence of riparian buffers



Forest cover in upstream headwaters



STAKEHOLDERS

Contrat de rivière Lesse asbl
Rue de Préhyr 12F à BE- 5580 Rochefort



Parc Naturel de L'ardenne Méridionale asbl
Rue de la Station 1 BE - 6850 Paliseul



Natagriwal asbl
Chemin du Cyclotron 2 - 1348 Louvain-la-Neuve



Fédération Belge du Secteur de l'Eau Belgaqua asbl
Rue Colonel Bourg 127 BE - 1140 Bruxelles



SPW-GISER Agriculture, Ressources Naturelles et Environnement
Av. Prince de Liège 7 - 5100 Jambes



Fédération Wallonne de l'agriculture
Chaussée de Namur 47 B - 5030 Gembloux



Province Namur Cellule Cours d'eau
Chaussée de Charleroi 85 - 5000 Namur



Commune de Daverdisse
Grand Place 1 - 6929 Haut-Fays



Local Farmers