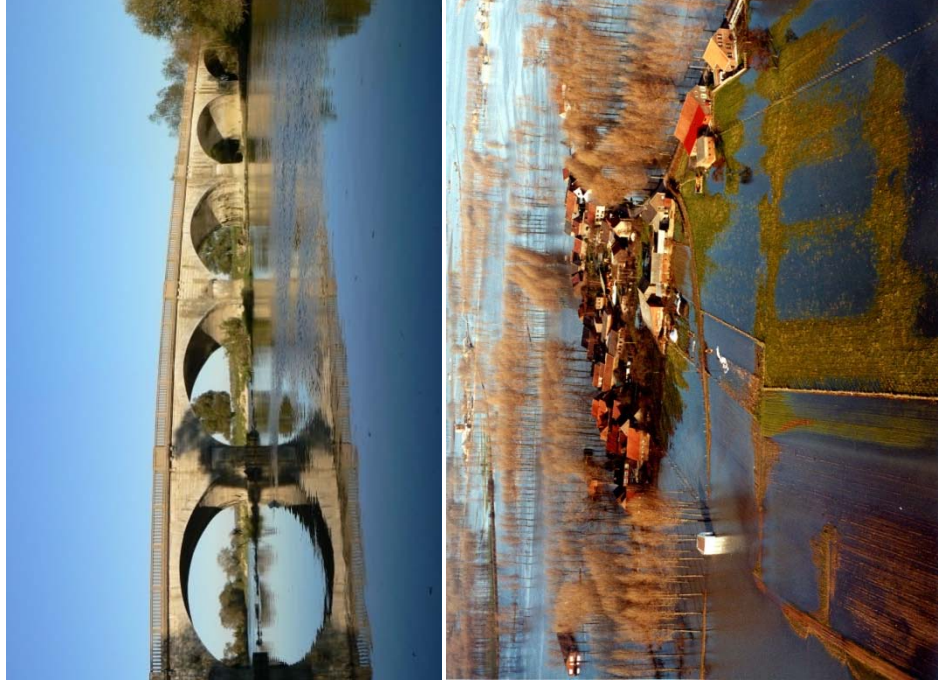
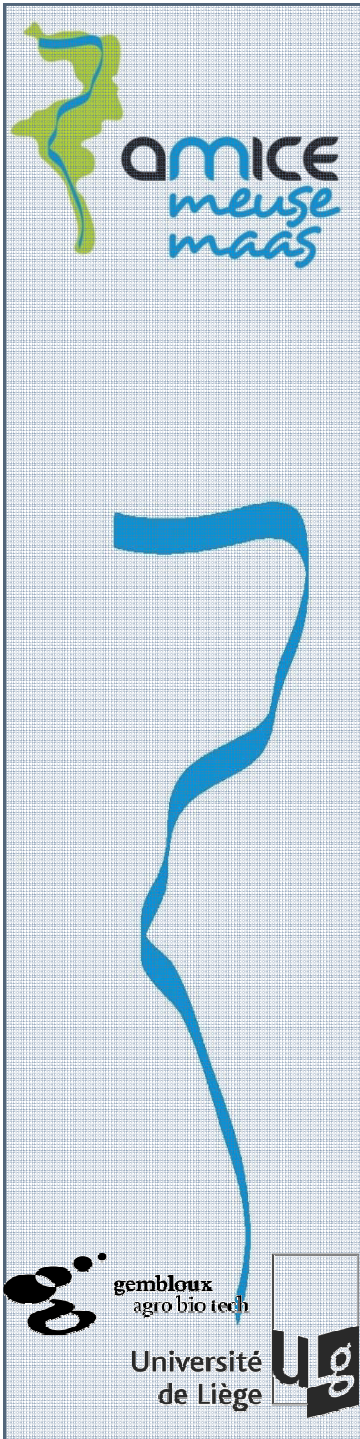


Adaptation of the Meuse to the Impacts of Climate Evolutions





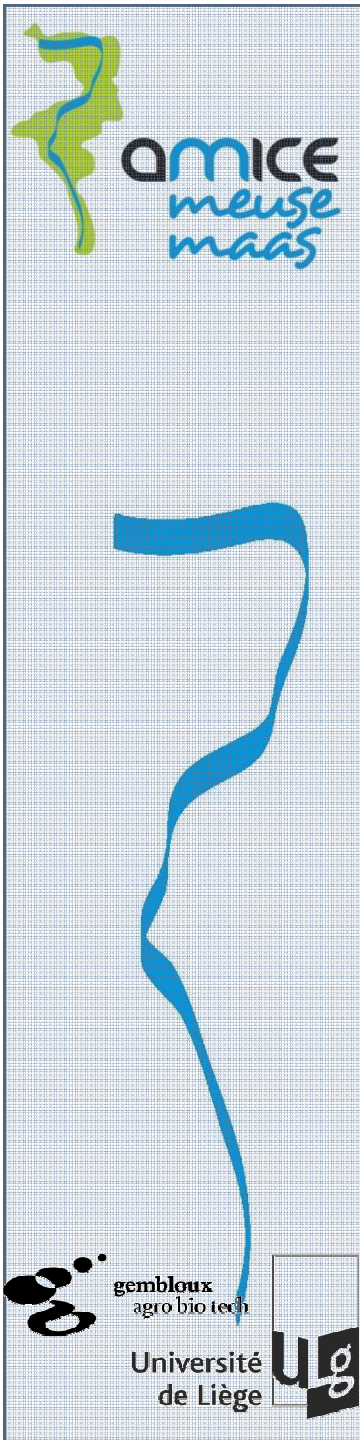
Adaptation of the Meuse to the Impacts of Climate Evolutions



WP2

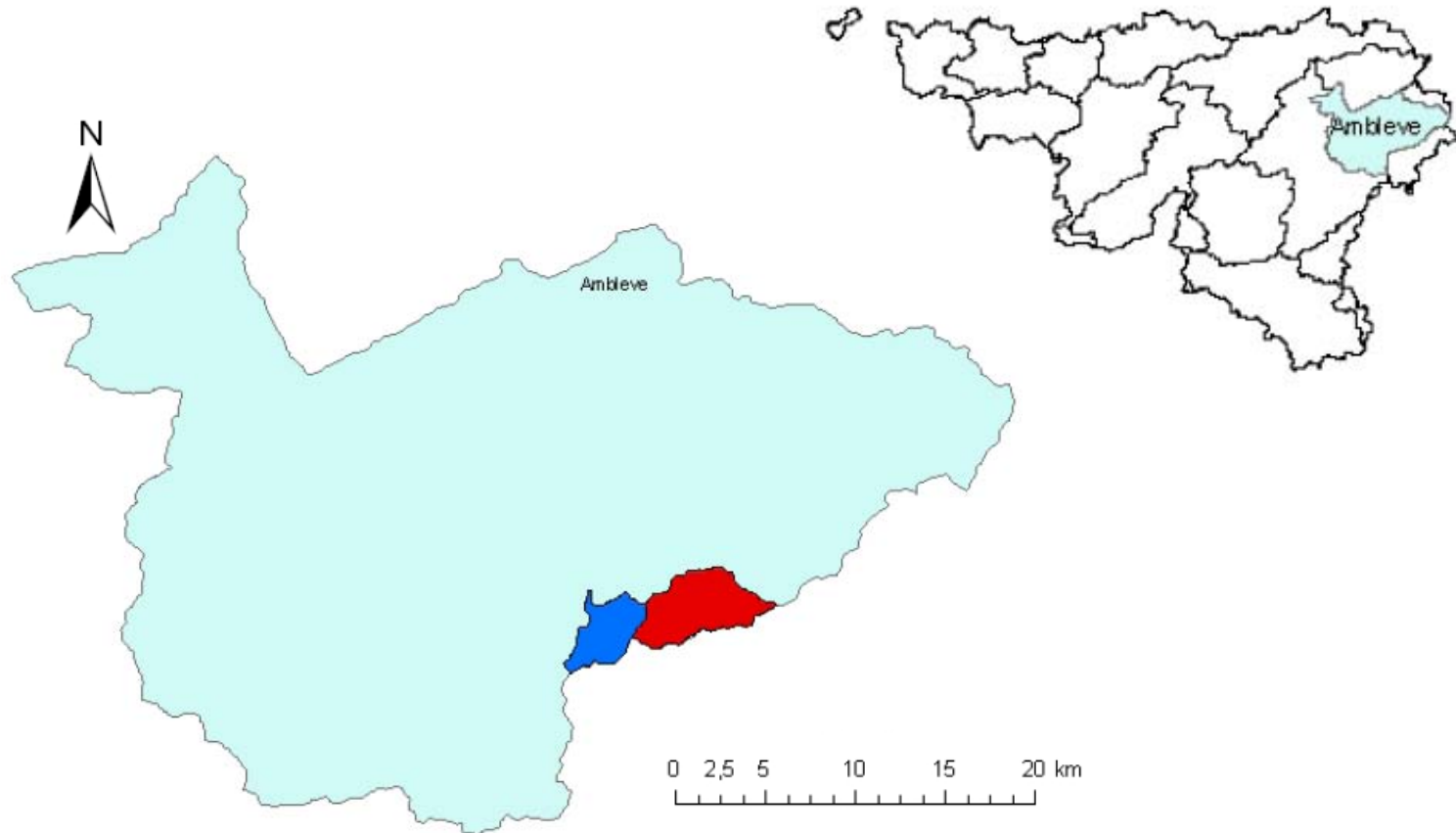
Alexandra Bauwens
Deborah Deraedt
Aurore Degré
ULg Gembloux Agro-Bio Tech



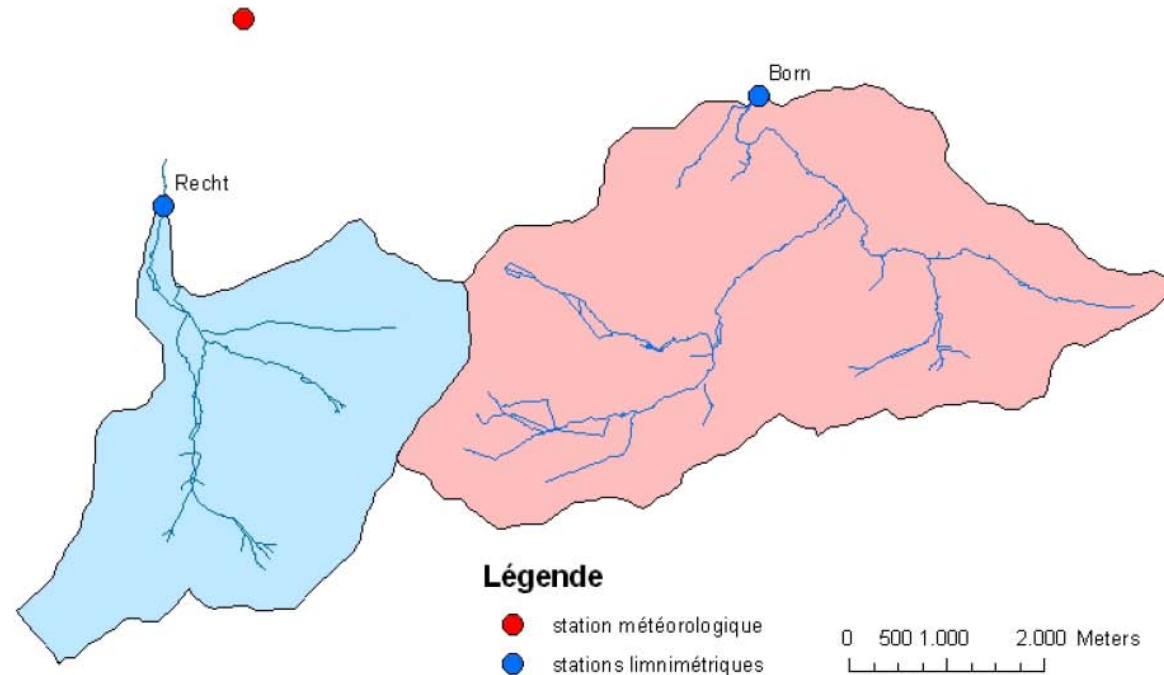


Recht and Born catchments localisation

Recht and Born catchment are located in the Amblève catchment. The Amblève catchment area is 1 076.79 km².



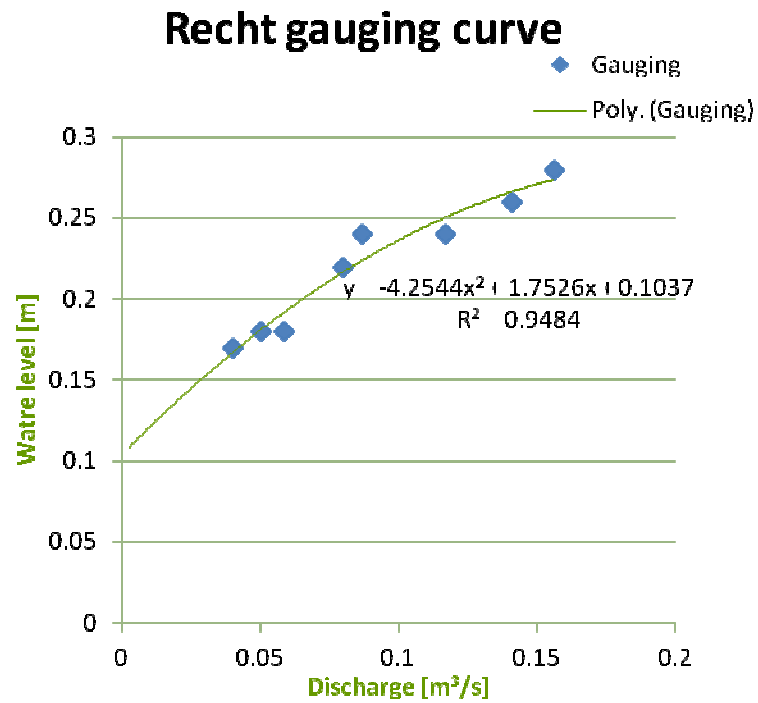
Recht and Born stations localisation and characteristics

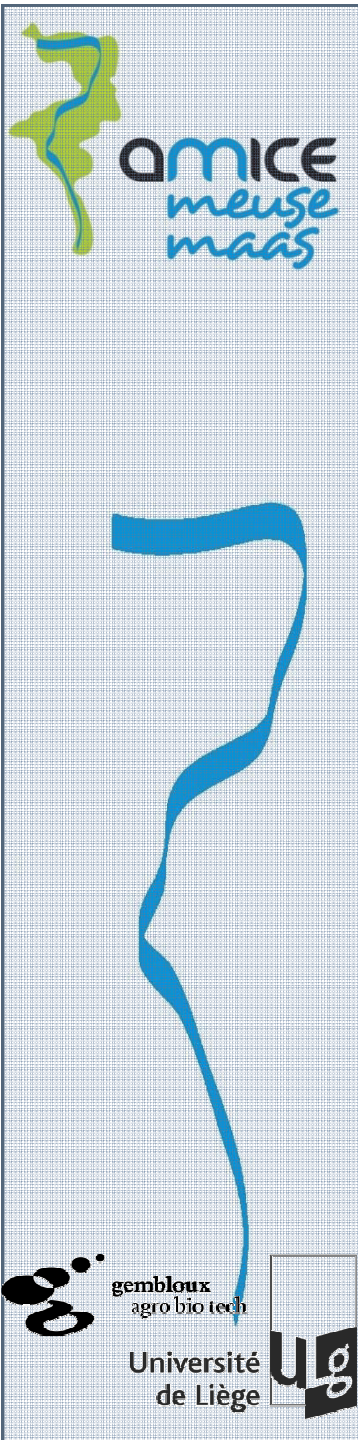


	Recht	Born
Coordinates	X : 268515 m	X : 274640 m
	Y : 113601 m	Y : 114734 m
Catchment area	11.38 km ²	20.05 km ²



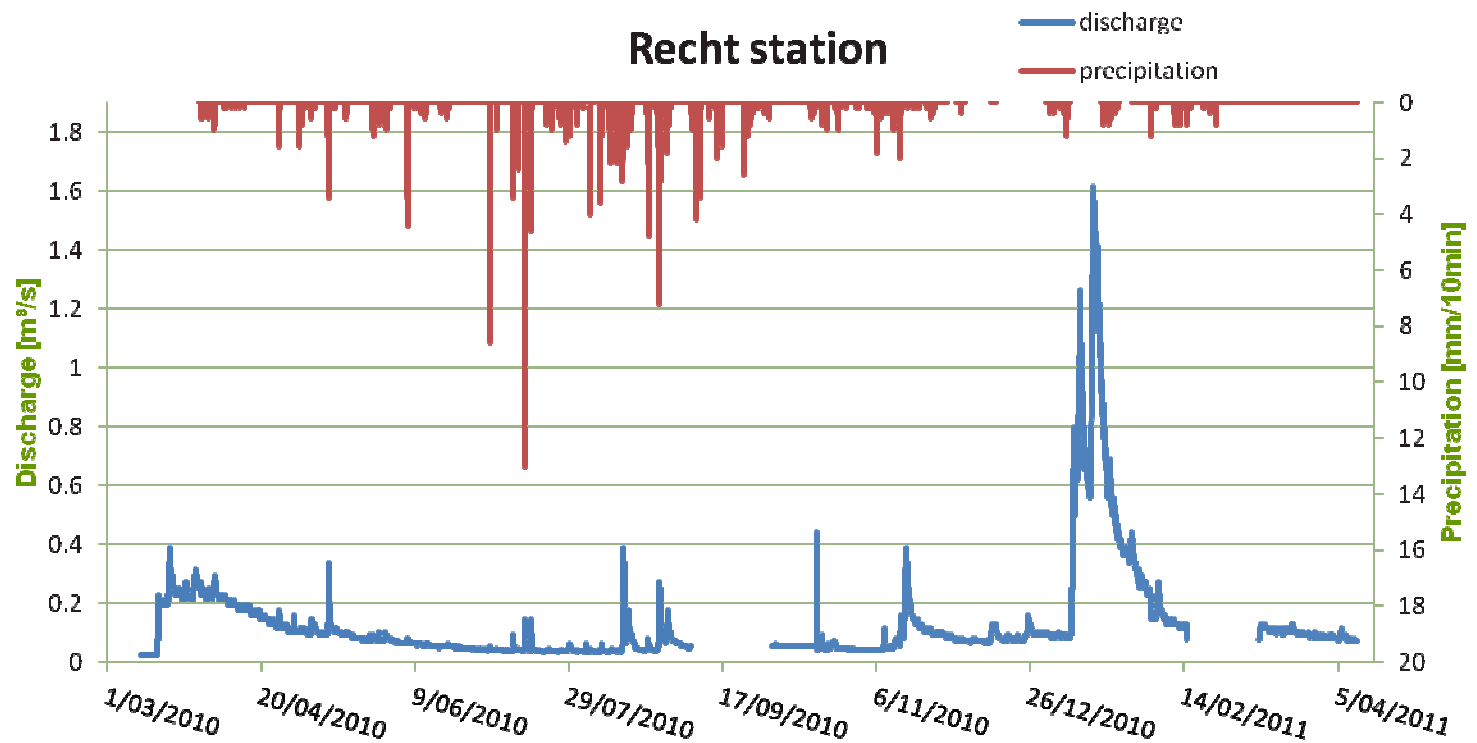
Recht station





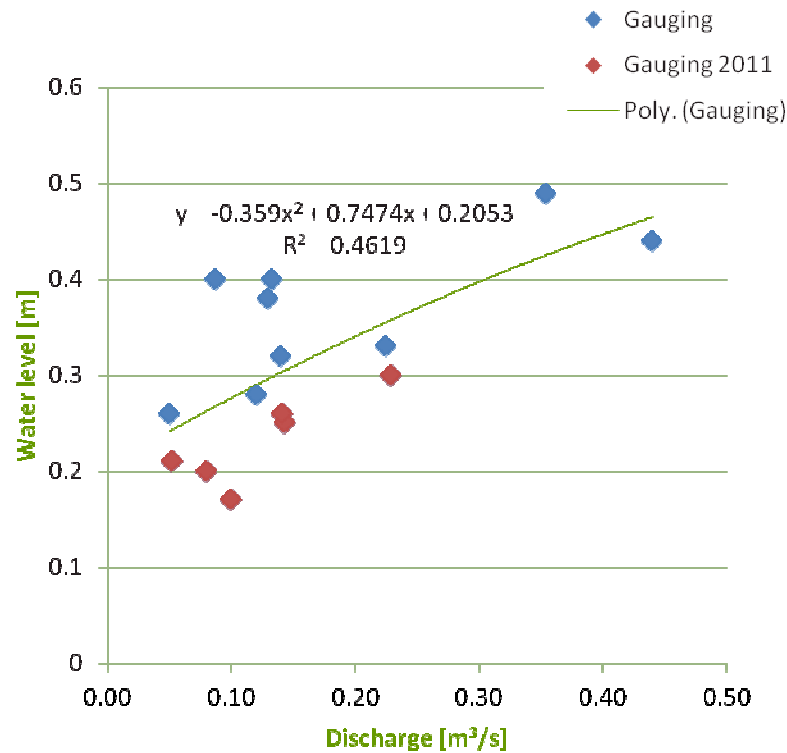
Recht station

- ❑ Discharge and precipitation data are complete only for months from April to August 2010 and October 2010.
- ❑ Water balance for Recht station cannot be calculated with so short series of data



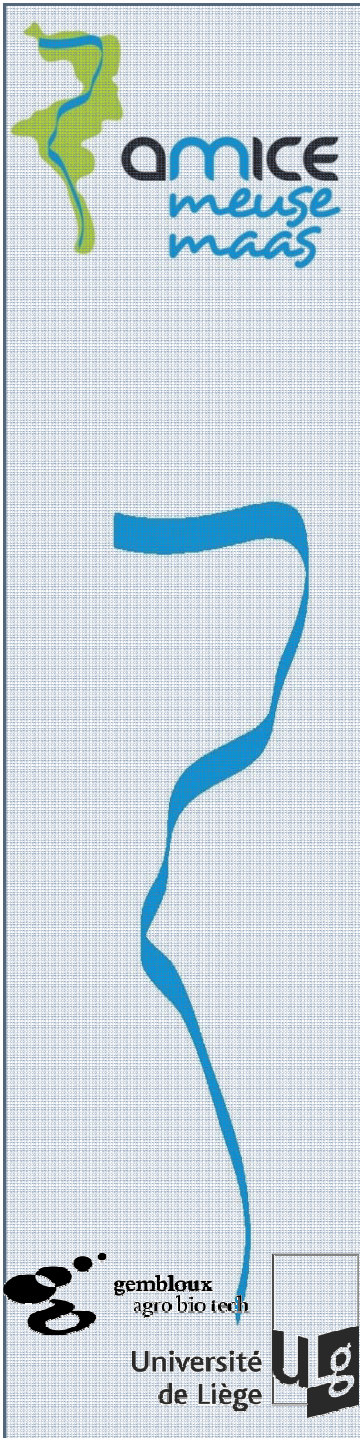
Born station

Born gauging curve



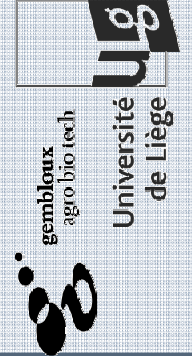
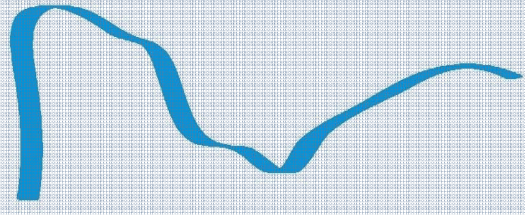
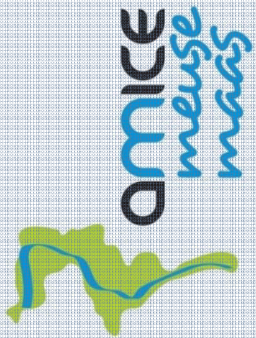
This station is regularly clogged. Moreover a trunk remained in the channel for several months





Born station

- Born hydrograph and catchment water balance cannot be calculated from the actual gauging curve
- The gauging will continue. Maybe winter will give us some high flow gauging point.
- The comparison of the hydrological behaviour of the two catchments could then be possible in order to identify the possible role of renaturation



Adaptation of the Meuse to the Impacts of Climate Evolutions

