

# Ecosystem services in Wallonia...



Agriculture Is Life.be

# What's up?

## WAL-ES

Integrated ecosystem services valuation framework and database to assess ecosystem services in Wallonia and provide decision support tools. [www.wal-es.be](http://www.wal-es.be)



## AFR

Application aiming to define a methodology for impact assessment of land-consolidation plans based on ecosystem services.



**Laura Maebe**  
laura.maebe@ulg.ac.be



**Nicolas Dendoncker**  
nicolas.dendoncker@unamur.be



**Nathalie Pipart**  
nathalie.pipart@unamur.be



**Marc Dufrêne**  
marc.dufrene@ulg.ac.be



## Forest ecosystems

- ❑ How does forest cover impact water regulation services?
  - Water supply and flood protection (Brognna et al., 2017, Ecol. Indic.)
  - Water quality (focus on forest and riparian forest)
- ❑ Resilient-based Ecosystem Stewardship to sustain the provision of ES by forests

**Delphine Brognna**  
delphine.brognna@unamur.be



**Laura Maebe**  
laura.maebe@ulg.ac.be



**Floriane Jacquemin**  
floriane.jacquemin@ulg.ac.be



**Morgane Campion**  
m.campion@cra.wallonie.be



**Roel Uyttenbroeck**  
roel.uyttenbroeck@ulg.ac.be



**Emilie Pecheur**  
epecheur@ulg.ac.be



**Fanny Boereave**  
f.boeraeve@ulg.ac.be



**Clotilde de Montpellier**  
clotilde.demontpellier@unamur.be

## Quarries

**Kathleen Mercken**  
kathleen.mercken@ulg.ac.be



Enhancement of biodiversity and ecosystem services in Walloon active quarries. [www.lifeinquarries.eu](http://www.lifeinquarries.eu)



## Agroecosystems

- ❑ Designing agri-environment schemes to support biodiversity and pollination;
- ❑ Testing the contribution of ecological infrastructures to biodiversity, pollination and pest control services;
- ❑ Assessing the contribution of agroecological farming systems to the delivery of ecosystem services;
- ❑ Developing methods to assess ecosystem services using drones.



## BELBEES



Assessment of the factors responsible for the decline of wild bees at the Belgian scale to identify field action combinations needed to restore pollination service in agroecosystems. [www.belbees.be](http://www.belbees.be)

## BIOECOSYS

Qualitative and quantitative assessment of ecosystem services provided by grasslands according to their management and their territorial context.