

Use case I –Agriculture & Biodiversity: Text-mining for agriculture & biodiversity

Friday, 1 December 2017 14:05 (5 minutes)

Textual data is one of the main source of knowledge in agriculture and biodiversity domains. It is incredibly underexploited compared to other data. We will present applications on two major issues, food microbiology and wheat selection deployed on two infrastructures of IFB (French Institute for Bioinformatics) and available as web applications. They reuse a same OpenMinTeD semantic content analysis workflow easily adapted to the tasks by machine learning and ontology use. Both applications integrate various data (e.g. experiments, observations).

Presenter: NÉDELLEC, Claire (INRA)

Session Classification: Text and data mining for open science