

AFO - Natural resource and environment ontology

AFO is suited for content description in subjects such as agriculture, forestry, food, environment, game and fisheries, and biology.

AFO is available in English

- for browsing at <https://finto.fi/afo/en/>
- for linked data through Finto API: <https://api.finto.fi/>
- AFO namespace URI: <http://www.yso.fi/onto/afo/>

The ontology has over 5000 concepts and includes also the concepts of the Finnish General Ontology because they are interlinked and the upper hierarchy of AFO is based on YSO concepts. The ontology has also group concepts (for hierarchical and part-of purposes) and these should not be used for content description.

Each AFO-concept has only one preferred label per language and concepts may have one or several entry terms. Many AFO concepts have links to the [YSO - General Finnish ontology](#). We hope to have links to [AGROVOC Multilingual Thesaurus](#) at a later date.

The ontology is maintained collectively by an editorial group which has representatives from the Natural Resources Institute Finland, Finnish Environment Institute and the University of Helsinki Library and the Natural History Museum of Finland. The latest updates of the ontology in 2017 have been created with the assistance of the Finnish Terminology Center TSK.

AFO is based in the Agriforest thesaurus which was developed by the Viikki Science Library of University of Helsinki and was maintained until 2014. The AFO-ontology was originally developed in the FinnONTO research project (2003-2012) of the Semantic Computing Research Group (SeCo) in Aalto University and the University of Helsinki.