



**Building Open Science in Europe: The road ahead for the EOSC community and Member States  
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**Urmas Kõljalg, PlutoF Platform, University of Tartu**



Urmas Kõljalg is a professor in mycology of the University of Tartu, Estonia since 2001. He is also serving as a director of the Natural History Museum and Botanical Garden of the same university since 2005. His major research area is biodiversity informatics and molecular taxonomy. During last eighteen years he has been developing online tools for the managing open and linked biodiversity data (<http://plutof.com>) and for the metabarcoding of fungi (<https://unite.ut.ee>). He is leading Estonian research infrastructure roadmap project NATARC (<http://natarc.ut.ee/en/index.php>) which is developing national e-infrastructure for the natural and earth sciences.

Selection of recent papers:

- Nilsson et al (2018). The UNITE database for molecular identification of fungi: handling dark taxa and parallel taxonomic classifications. *Nucleic Acids Research*, 2018, doi: 10.1093/nar/gky1022
- Kõljalg et al. (2016). Digital identifiers for fungal species. *Science*, 352, 1182–1183, 10.1126/science.aaf7115.
- Tedersoo, et al. (2014). Global diversity and geography of soil fungi. *Science*, 346 (6213), 1078, science.1256688.
- Kõljalg et al. (2013). Towards a unified paradigm for sequence-based identification of Fungi. *Molecular Ecology*, 22 (21), 5271–5277, mec.12481.