



Project acronym: GSSP

Project title: Global Spore Sampling Project

Project leader: Otso Ovaskainen, University of Helsinki, Finland

Discipline: Earth Sciences & Environment: Ecosystems & Biodiversity

Station(s): Abisko Scientific Research Station (Sweden), Tarfala Research Station (Sweden), Greenland Institute of Natural Resources (GINR) (Greenland/Denmark), Toolik Field Station (USA), Sudurnes Science and Learning Center (Iceland), CNR Arctic Station “Dirigibile Italia” (Svalbard/Italy)

The Global Spore Sampling Project will sample airborne fungal diversity globally with cyclone samplers which collect spores. Of the stations that accept our access, ten at most will be selected to receive a sampler. The stations will collect 24h samples twice a week and send them to us for identification by molecular methods. The sampling will take station staff less than an hour a week. Together with other stations around the world, we will put together a global inventory of fungal diversity, which will result in a publication aimed at a top-tier journal.