Jaana Bäck, University of Helsinki (UHEL), Institute for Atmosphere and Earth System Research INAR; professor in Forest-Atmosphere interactions

Prof. Jaana Bäck is working on biogeochemical cycles and terrestrial ecology linked to climate change in boreal regions. She received her PhD in Physiological plant ecology from the University of Oulu, Finland in 1994. Her expertise is in forest management, ecosystem-climate feedbacks and ecosystem services. She was the lead author of the European Academies' Science Advisory Council (EASAC) report on 'Multi-functionality and Sustainability in the European Union's Forests' ([https://easac.eu/publications/details/multi-functionality-and-sustainability-in-the-european-unions-forests/](https://easac.eu/publications/details/multi-functionality-and-sustainability-in-the-european-unions-forests/)).

She has actively been involved in the development of national, European and global research infrastructures for integrated, long-term observations of Earth Systems. Prof Bäck is also the vice chair in the Institute for Atmosphere and Earth System Research INAR at the University of Helsinki. She is author of >140 peer review papers in journals and books and a member in the Finnish IPBES panel. She is Academician in the International Academy of Eurasian Studies (IAES) and has been awarded with the Pro Scientia and the Open Science Awards.