



# Forested ecosystems: Carbon sequestration and biodiversity impacts

- **Thursday 15th May 2025**  
1.00pm – 2.00pm (Australian Western Standard Time)

ONLINE EVENT

[Register here](#)

**Forested ecosystems play a central role in global efforts to mitigate climate change and halt biodiversity loss due to their large carbon storage and sequestration potential and importance for biodiversity. However land use, biodiversity loss and climate change are deeply interconnected and pose challenges that require integrated solutions.**

Join us as our guest speaker presents insights and experiences from 11 studies focusing on evaluation and integration of carbon and greenhouse gas processes, and biodiversity impacts mainly in boreal forested ecosystems.

The spatial scale of the studies presented ranges from detailed site-specific to a European scale, with a multi-disciplinary approach including integrated modelling and spatial prioritisation, mass-balance studies (tracking a contaminant's path from its source to its ultimate destination within an environmental system), Earth Observation techniques (a process of acquiring observations of the Earth's surface and atmosphere via remote sensing instruments), research infrastructure developments, and evaluation of policy measures and economic compensation schemes. Several studies also take a landscape approach, considering other ecosystems such as agricultural, wetland and freshwater ecosystems, as well as and greenhouse gas emissions from anthropogenic sources.

**Registrations essential for attending the webinar and for accessing a link to the recording.**

## SPEAKER



### Professor Martin Forsius

*Finnish Environment Institute, Helsinki, Finland*

Martin is Research Professor at The Finnish Environment Institute (SYKE), a multidisciplinary research and expert institute under the Ministry of the Environment, Finland. Prior to his current role, Martin held senior positions in international science policy organisations of the Arctic Monitoring and Assessment Program and the United Nations Economic Commission Convention on Long-range Transboundary Air Pollution. He has directed several large Finnish, Nordic and European Union-funded research and demonstration projects. Martin's research interests include impacts of climate change, air pollutants and land use on biogeochemical processes.

## FACILITATOR



### Professor Owen Nevin

*Chief Executive Officer, The Western Australian Biodiversity Science Institute (WABSI)*

Owen is an experienced conservation biologist and research leader and is the Chief Executive Officer of The Western Australian Biodiversity Science Institute (WABSI). Owen's research work has focused on advancing the conservation of threatened species and their habitats through developing better management and understanding of behaviour and ecosystem function, and human impacts including ecotourism and resource. Owen is a member of the Biosecurity Council of Western Australia. Previous positions include Head of the National School of Forestry (UK), Dean of Graduate Research and Associate Vice-Chancellor at CQUniversity Australia.

Owen has served on the Society for Conservation Biology's European Board and on the Global Board of Governors. He was elected as a Fellow of the Zoological Society of London and appointed as Anniversary Visiting Professor of Conservation Biology at the University of Cumbria.