



Universität
Basel

Research Project

FORCARB (Mature forest trees under elevated CO2)

Third-party funded project

Project title FORCARB (Mature forest trees under elevated CO2)

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Organisation / Research unit

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Department

Project Website <http://plantecology.unibas.ch/scc/index.shtml>

Project start 01.04.2012

Probable end 31.03.2015

Status Completed

This three-year extension of the ongoing CO2 enrichment experiment at the Swiss Canopy Crane research site will assess the carbon, water and nutrient relations of adult *Picea abies* (Norway spruce) exposed to a future CO2 scenario. The work includes tracing the fate of isotopically labelled carbon within trees and their rhizosphere, assessing growth of stems and roots and hydrological implications.

Keywords Picea, carbon, forest, elevated CO2

Financed by

Swiss National Science Foundation (SNSF)

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