



**NCAR**

**National Center for Atmospheric Research**  
**Climate and Global Dynamics Laboratory**

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**Subject: Letter of Collaboration**

Dear Dr. Falk,

We consider your proposed project “Ozone Damage Interference on Nutrient Allocation (ODINA)” to be an innovative and important research effort and are able to advise you to achieve the project goals. Ozone dry deposition is a crucial mechanism for atmospheric ozone loss and thus is important for projections of ambient air quality and public health. Furthermore, ozone uptake reduces photosynthesis and stomatal conductance and is thus deteriorating plant health. Therefore, representing the full breadth of effects of ozone dry deposition in current generation earth-system models will improve the representation of land-atmosphere interactions including feedback processes.

We are delighted that you have chosen to study the effects of ozone dry deposition on atmospheric composition and the biosphere during the course of your Lise-Meitner Fellowship at the University of Natural Resources and Life Sciences, Vienna (BOKU). Since a prime emphasis of your research is to advance process-level representation of ozone fluxes and impacts in the Community Earth System Model (CESM), this effort will close an important gap in CESM.

We are looking forward to working with you and your colleagues at BOKU Vienna on the planned CESM extensions and will provide scientific and technical advisory support for this endeavor. As is customary with our collaborators, we can host you at NCAR for your planned research stay at NCAR.

Sincerely,

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