

REQUEST FOR ADDITIONAL RESOURCES IN THE CURRENT YEAR FOR AN EXISTING SPECIAL PROJECT

Please email the completed form to special_projects@ecmwf.int.

MEMBER STATE: Germany

Principal Investigator¹: George Craig

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Other researchers: Tobias Selz

Project title: Upscale impact of diabatic processes from convective to near-hemispheric scale

Project account: SPDECRAI

Additional computer resources requested for		07/12/21
High Performance Computing Facility	(units)	750.000
Data storage capacity (total)	(Gbytes)	none

Continue overleaf

¹ The Principal Investigator is the contact person for this Special Project

Technical reasons and scientific justifications why additional resources are needed

We recently received the reviews for our paper “The transition from practical to intrinsic predictability of midlatitude weather”, which was based on previously computed ICON-simulations within this special project. One reviewer requested a resolution sensitivity test, which we would like to compute from the remaining resources we have for this year (ca. 3 MSBU). An additional 750.000 SBU would be necessary to complete this test for the full sample of cases.