

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

Please submit the completed form via <https://www.ecmwf.int/en/support>

**MEMBER STATE:** GREECE

**Principal Investigator<sup>1</sup>:** Stelios Myriokefalitakis

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**Project title:**

EC-Earth Atmospheric Composition Developments

**Project account:**

SPGRMYRI

Additional computing resources requested for year		2025
High Performance Computing Facility	[SBU]	5,000,000
Total DHS Data storage capacity	[GB]	20,000
<b>EWC resources</b>		
Number of vCPUs	[#]	
Total memory	[GB]	
Storage	[GB]	
Number of vGPUs <sup>3</sup>	[#]	

*Continue overleaf*

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<sup>1</sup> The Principal Investigator is the contact person for this Special Project

This form is available at:

<http://www.ecmwf.int/en/computing/access-computing-facilities/forms>

Jan 2024

## **Technical reasons and scientific justifications why additional resources are needed**

The main developments of the model have been completed, with some code modifications left to test. However, the planned simulations using the coupled model configurations have not yet begun. Although the proposal was submitted in January 2024 for a two-year duration, it only commenced in November 2024 due to difficulties with the local representative.

As a result, we will not be able to complete the planned work until the end of 2025. Therefore, additional computing resources are necessary for this special project, as simulations and results need to be prepared for our final publications.