

# 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		2026
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>

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

The model's development is expected to be completed by 2025. However, the planned simulations with the coupled model configurations have not yet begun, indicating a need for additional computing resources. These simulations and their results are essential for our final publications, which we aim to complete by the end of next year (2026). Since the proposal started in November 2024 and was initially set for two years, we will need to extend our special project until the end of 2026 to complete the planned work.