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: Italy

Principal Investigator:\ Andrea Storto

Affiliation: CMRE

Address: Viale S. Bartolomeo 400, La Spezia, Italy

Other researchers: S. Falchetti, P. Oddo, C. Lewis

Project title: Enhancing regional ocean data assimilation in high and mid latitude European seas

Project account: SPITSTOR

<table>
<thead>
<tr>
<th>Additional computer resources requested for</th>
<th>6/12/20</th>
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<tbody>
<tr>
<td>High Performance Computing Facility (units)</td>
<td>150 000</td>
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<tr>
<td>Data storage capacity (total) (Gbytes)</td>
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</tbody>
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The Principal Investigator is the contact person for this Special Project

Continue overleaf
Technical reasons and scientific justifications
why additional resources are needed

Ensemble experiments that we run to assess the impact of stochastic physics schemes were more expensive than expected, and we’ve already consumed about 75% of the resources allocated for 2020. We would like to apply for additional resources in order to complete analysis and forecast experiments regarding current data assimilation and weak-contraint data assimilation before the end of the year.