

Reviewer Report

Title: 0s and 1s in marine molecular research: a regional HPC perspective

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Reviewer name: Neil Davies, Ph.D.

Reviewer Comments to Author:

The manuscript provides an accessible and informative review of the evolving needs and solutions for High Performance Computing at a regional scale serving users in the broad domain of marine science and biotechnology. For readers without deep expertise in computational science (as is the case for this reviewer) the authors are commended in providing a useful insight to the challenges facing such cyberinfrastructure and how those challenges have been addressed in the past as well as some future guidance. The use cases provided were appropriate and illustrative of the types of study supported by this HPC facility, and the heterogenous demands for types of computing resource and how these can be met and balanced among the needs of different users. The common challenge of storage was well expounded but solutions appear to be still rather elusive.

Methods

Are the methods appropriate to the aims of the study, are they well described, and are necessary controls included? Choose an item.

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