

NEMO release nemo_v3_2

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Dear NEMO users

The NEMO release

nemo_v3_2 (corresponding to svn revision 1784) is available through the SVN server.

This release has been mainly designed for climate models, with enhanced **coupling interface** and implementation of AR5 diagnostics.

For other users, the next release nemo_v3_3 should be close enough from this one, but some features of interest are already there :

- vvl option has been restored
- the way to handle outputs has been improved
- tidal mixing parametrization (bottom intensification) + Indonesian specific tidal mixing
- RGB light penetration + ocean color
- TKE change in the surface boundary condition, especially in coupled mode (mean stress module send by the atmosphere)
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Note also the implementation of

IOM for output with the following functionalities :

- allows to output at few frequencies during same simulation, e.g both monthly and daily
- output vectors/scalars is also available (for a strait transport calculation or for a vertical profile associated to buoys location for instance)
- make easier the way to add an output everywhere in the code

An extensive description of what has been integrated is available<http://forge.ipsl.jussieu.fr/nemo/report/35>

No