

# Use of general purpose graphics processing units with MODFLOW (Ground Water Manuscript GW20120518-0099R)

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We greatly appreciate the comments provided by the associate editor. We have addressed all of the comments in this document. Associate editor comments are included (*in italics*) prior to our responses.

## Associate Editor's Comments:

1. *Line 89-90 "function" (singular) or delete "a" if you want plural*

Revised to singular "function" and "kernel".

2. *Line 104 - CCFD is not defined yet (I assume you mean cell centered finite difference)*

CCFD is defined in the second sentence of the introduction.

3. *Line 144 - axpy is not defined yet. Maybe a sidebar could be used for a quick description of BLAS and you could move material from line 156-157 there too?*

Added definition of **axpy**. Did not add another sidebar for a description of BLAS and BLAS routines because we do not believe it would improve the readability of the manuscript.

4. *Line 196-199 - this sentence seems incomplete to me. After "problem" maybe insert the word "was designed" or "was created" or something similar.*

Corrected the sentence.