Dear Dr. Minaudo:

Thank you for addressing the comments raised by the referees in this revision; I am pleased to accept your manuscript, "Non-linear empirical modelling to estimate phosphorus exports using continuous records of turbidity and discharge" [Paper #2017WR020590R], for publication in Water Resources Research.

The publication-ready files you provided at revision will be forwarded to our publishing partner, Wiley, who will manage the production process. Within a few weeks, you should receive an email with instructions on how to access your proof.

Please note that after a paper is accepted, no changes of a technical or substantive nature can be made without obtaining the Editor's approval. Your article will be posted on the journal's website as an Accepted Article within two to three days of this letter. If any copyediting changes are needed, they can be made to your proof.

In the next few days, you should receive an email from Wiley Author Services with information on completing the necessary forms and enable tracking of the progress of your paper through production. All questions regarding this process should be directed to Wiley at the contact information provided in the Author Services email.

Having gone through the review process, you are aware of the importance of the many volunteers who provide independent evaluations of submitted manuscripts. We request that you make every effort to support WRR by agreeing to provide a review when called upon. You can help this process along by updating your profile: https://wrr-submit.agu.org/cgi-bin/main.plex
From your homepage, under General Tasks, click Modify Profile/Password, and enter in areas of expertise.

WRR is now accepting submissions for potential cover images. Cover images can be taken from papers, or they can be images or photographs which relate to a paper but do not appear in the paper. Cover images should be in color and have a resolution of at least 300 dpi. If you would like to submit an image for consideration, please send it (along with a short caption) to wrr@agu.org.

Do you or your institution or funder think your paper is newsworthy? Learn how AGU can work with you for publicity by visiting our Author Resources and selecting "Publicity Information": http://publications.agu.org/author-resource-center/

Thank you for submitting your best work to Water Resources Research.

Sincerely,

D. Scott Mackay
Editor
Water Resources Research

Associate Editor Evaluations:

Associate Editor (Remarks to Author):

Two of the original Reviewers have checked the revision of the paper and are satisfied. I also believe
that the Authors did respond convincingly to all the reviewers comments and improved the paper. Therefore I am supportive for publication of the paper in WRR now.

Reviewer #2 Evaluations:
Significant (Required): Yes, the paper is a significant contribution and worthy of prompt publication.
Supported (Required): Yes
Referencing (Required): Yes
Quality (Required): Yes, it is well-written, logically organized, and the figures and tables are appropriate.
Data (Required): Yes
Accurate Key Points (Required): Yes

Reviewer #3 Evaluations:
Significant (Required): Yes, the science is at the forefront of the discipline.
Supported (Required): Yes
Referencing (Required): Yes
Quality (Required): Yes, it is well-written, logically organized, and the figures and tables are appropriate.
Data (Required): Yes
Accurate Key Points (Required): Yes

Reviewer #3 (Formal Review for Authors (shown to authors)):

I accept the revised version as is.