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To: Reggie Cheatham/DC/USEPA/US@EPA
cc: wshaub@uschamber.com, macleod@chem.ethz.ch,
urs.schenker@chem.ethz.ch
Subject: Re: Fw: RFR 04019A

Dear Dr. Cheatham:

thank you for your e-mail expressing your interest in our paper on "Improving Data Quality for Environmental Fate Models: A Least Squares Adjustment Procedure for Harmonizing Physicochemical Properties of Organic Compounds" in Environmental Science and Technology.

I have attached a pdf of the paper as it is currently available from the ES&T web site (<http://dx.doi.org/10.1021/es0502526>). You can also obtain a free electronic reprint of the paper from <http://pubs.acs.org/cgi-bin/download.pl?es0502526/D8cK>

On our web site, we also provide an MS Excel spreadsheet that can be used to apply the adjustment procedure that is described in the paper, see http://www.sust-chem.ethz.ch/research/product/least_squares_adjustment.xls

My co-authors and I read about the US EPA's interest in data quality issues in a recent contribution in the News pages in the journal, Environmental Science and Technology (R. Renner, EPA's physical-chemical data criticized, ES&T 39 (2005), 274A-275A). We think that our recent paper could be helpful in this context because it provides some new criteria for the evaluation of the consistency and accuracy of physicochemical properties.

Our paper will also be presented at the forthcoming SETAC North America meeting in Baltimore, November 13-17. Dr. MacLeod, who is one of the co-authors of the paper, will attend the meeting and give a presentation of our work on Tuesday, November 15. This will be in a session on "Measurement/Estimation of Environmentally Relevant Physico-Chemical Properties" (Tuesday afternoon). Perhaps this is an opportunity for you to talk to Dr. MacLeod.

Sincerely,

Martin Scheringer