As a note to the editor regarding my previous comments, there is only one question that needs to be answered:

Is it appropriate for hydrologists to publish on subjects that have well-established homes in different academic departments, without making an effort to collaborate with or incorporate the literature from those departments?

If we believe that this is appropriate, then the message we are sending is that while we value the importance of the questions that these other disciplines address (here philosophy of science and technical communication), we do not value the contributions of practitioners in those fields. My opinion is that this degrades the structure of academic pursuits in toto. It is, in my estimation, pure arrogance to imagine that we can speak meaningfully about deep questions that are at the center of other disciplines areas of study without collaborating directly with those other disciplines, or at least making an attempt to read and synthesize the literature from those other areas of study.