



Dear Friends and Colleagues within the Wastewater treatment community,

Following the release of the IWA Scientific and Technical Report on Benchmarking of Control Strategies for Wastewater Treatment Plants [1], a publication that is now available as open access document via IWA Publishing, the follow up paper by Jepsson et al. [2] indicated that there was still plenty of space for model development to expand on the mathematical models documented in the IWA Scientific and Technical Report [1].

During the past years, we – and many others – have therefore developed a considerable number of new models, often in Matlab-Simulink, and have typically distributed these models for free to anyone with an interest in obtaining the code. Now, more than 20 years after the start of the benchmark model development, we have finally created an on-line solution for distribution of models and technical reports related to wastewater treatment modelling. This should save you from writing emails back and forth to the authors of the papers and the code to obtain the correct software or paper, and has the additional benefit that it allows us to provide you with a better service since we have also updated the majority of the models to work on different operating systems.

We have created a series of Github repositories to distribute different versions of models such as the ADM, BSM and so forth. The repositories are available at: <https://github.com/wwtmodels>.

Finally, we needed a place to host scientific technical reports related to wastewater treatment modelling and these are available for download at: <https://wwtmodels.pubpub.org>.

And of course, use of the models is for free, but in case you find a bug in one of the models, please inform us such that we can consider updating the code. Also, when using the code in your own work, the only thing we request is that you cite the paper that is describing the development of the specific model that you used. Thanks!

We would greatly appreciate it if you could share this information about these models with your colleagues, and if you in the future would consider contributing to this shared space. For any questions do not hesitate with asking any of us or send an email to wwtmodels@gmail.com.

Best regards

Sebastian, Ramesh, Xavi, Ulf and Krist

[1] Gernaey K.V., Jeppsson U., Vanrolleghem P.A., Copp J.B. (Eds.) (2014) Benchmarking of Control Strategies for Wastewater Treatment Plants. IWA Scientific and Technical Report No. 23. IWA Publishing, London, UK. ISBN 9781843391463.

[2] Jeppsson U., Alex J., Batstone D.J., Benedetti L., Comas J., Copp J.B., Corominas L., Flores-Alsina X., Gernaey K.V., Nopens I., Pons M.-N., Rodríguez-Roda I., Rosen C., Steyer J.-P., Vanrolleghem P.A., Volcke E.I.P., Vrecko D. (2013) Benchmark simulation models, quo vadis? Water Science and Technology, 68, 1-15. (doi: 10.2166/wst.2013.246)