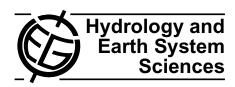
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Corrigendum to

"A mass conservative and water storage consistent variable parameter Muskingum-Cunge approach" published in Hydrol. Earth Syst. Sci., 11, 1645–1659, 2007

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Two editorial mistakes were found in the paper.

The second one is in the references section.

The first one relates to the definition of coefficient C1 in Eq. (52):

$$C_{1} = \frac{-1 + C_{t}^{*} + D_{t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}};$$

$$C_{2} = \frac{1 + C_{t}^{*} - D_{t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}};$$

$$C_{3} = \frac{1 - C_{t}^{*} + D_{t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}} \frac{C_{t+\Delta t}^{*}}{C_{t}^{*}};$$
(52)

which should be rewritten as:

$$C_{1} = \frac{-1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}};$$

$$C_{2} = \frac{1 + C_{t}^{*} - D_{t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}};$$

$$C_{3} = \frac{1 - C_{t}^{*} + D_{t}^{*}}{1 + C_{t+\Delta t}^{*} + D_{t+\Delta t}^{*}} \frac{C_{t+\Delta t}^{*}}{C_{t}^{*}};$$
(52)

References

Perumal, M. and Ranga Raju, K. G.: Variable Parameter Stage-Hydrograph Routing Method. I: Theory, J. Hydrol. Eng., ASCE, 3(2), 115–121, 1998b.

should be modified in:

Perumal, M. and Ranga Raju, K. G. Variable Parameter Stage-Hydrograph Routing Method. II: Evaluation, J. Hydrol. Eng., ASCE, 3(2), 115–121, 1998b.