Correction to: Multivariate modeling of agricultural river water abstraction via novel integrated-wavelet methods in various climatic conditions

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Published online: 17 November 2021
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Correction to: Environment, Development and Sustainability (2021)
<https://doi.org/10.1007/s10668-021-01637-0>

The authors would like to apologize for inadvertent mistakes in this article.

The equations listed in Table 8 of the original article are incorrect; the authors would like to correct them into:

The original article can be found online at <https://doi.org/10.1007/s10668-021-01637-0>.

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Table 8 Drawn-out mathematical formulation from GEP and WGEF models for estimating RWA

I	j	Models	Equations
1	1	GEP	$RWA_{xt} = 109604.8RW_{xt}(RW_{xt} + RD_{xt})^2 + 1950173RW_{xt}^2(\tan^{-1}(RD_{xt}^2))^2$
		WGEF	$RWA_{xt} = 964804.3RW_{xt}^3RD_{xt}^3 + 889616.24RW_{xt}^3RW_{xt}^{3/2} + (9.76RW_{xt} + 30.48)^3 + RD_{xt} + 9.76$
2		GEP	$RWA_{xt} = 2623.23Q_{Max_{xt}} \cdot \tan^{-1}(Q_{Min_{xt}}) + Q_{Min_{xt}} \cdot (Q_{Max_{xt}} + Q_{Mean_{xt}}) \cdot \sin Q_{Max_{xt}} + Q_{Min_{xt}}(Q_{Min_{xt}} + 2Q_{Mean_{xt}} \cdot \sin Q_{Max_{xt}})$
		WGEF	$RWA_{xt} = Q_{Min_{xt}} - 2.13Q_{Max_{xt}} \cdot Q_{Min_{xt}}^{1/3} - Q_{Max_{xt}}^{1/4} + Q_{Mean_{xt}}(Q_{Mean_{xt}} - 9.6Q_{Min_{xt}} + 2Q_{Max_{xt}} + 9.6)$
3		GEP	$RWA_{xt} = CA_{xt}^3 \cos(-3.2CA_{xt}) - 15.9CA_{xt}OA_{xt} + 18430.2OA_{xt} + 2492$
		WGEF	$RWA_{xt} = 3074.74OA_{xt} + (12324.47 - 2.19CA_{xt})(CA_{xt} + 2.19)$
4		GEP	$RWA_{xt} = Q_{Mean_{xt}}^2 - RW_{xt} \cdot Q_{Mean_{xt}} + 56.38RW_{xt}^2 + Q_{Max_{xt}}^2 \sin(OA_{xt}) - (OA_{xt} \cdot Q_{Max_{xt}}/RD_{xt}) - 2.06Q_{Max_{xt}} + 3179.18(Q_{Mean_{xt}} + CA_{xt} + 2OA_{xt}) - 23879.8$
		WGEF	$RWA_{xt} = 6.29(\cos(Q_{Max_{xt}} - RW_{xt}) + Q_{Max_{xt}} + 2.51)^2 + 15160.19OA_{xt} + (RW_{xt} \cdot Q_{Max_{xt}} \cdot CA_{xt} - CA_{xt} + RW_{xt}) \cdot (CA_{xt} - OA_{xt})$
2	1	GEP	$RWA_{xt} = \exp(8.1 - RW_{xt} - RW_{xt} \cdot RD_{xt}) + (\sin 1.4RW_{xt}(2RW_{xt} + 7.09))^6 + (363.66 + RD_{xt})/RW_{xt}^4$
		WGEF	$RWA_{xt} = RW_{xt}^2 + RW_{xt} + 585380.4RW_{xt}RD_{xt} - 0.79RD_{xt} + 93.59 \ln RD_{xt} - 8594.72$
2	2	GEP	$RWA_{xt} = -Q_{Mean_{xt}}^3 + 5150.09(Q_{Max_{xt}}/Q_{Mean_{xt}})^2 + (17.95Q_{Mean_{xt}} + 84.01)^2 + Q_{Mean_{xt}} \cdot Q_{Min_{xt}}$
		WGEF	$RWA_{xt} = Q_{Max_{xt}}^2(\cos(Q_{Mean_{xt}}))(\tan^{-1}(Q_{Max_{xt}}^{1/3})) + Q_{Mean_{xt}}^2(Q_{Mean_{xt}}^{1/3} + 15.59) + 3791.36Q_{Max_{xt}}$
3		GEP	$RWA_{xt} = 2CA_{xt}^2 + (4.96 - CA_{xt})(OA_{xt} - 4.96)(CA_{xt} + OA_{xt}) + 24396.9(CA_{xt}OA_{xt})^{1/2} + 1691.06$
		WGEF	$RWA_{xt} = 5.43OA_{xt}^2 + 434.18OA_{xt} \cdot CA_{xt} + 5843.97CA_{xt} + 80944.48$
4		GEP	$RWA_{xt} = Q_{Max_{xt}}^2 \cdot (RW_{xt} - 14.28) - CA_{xt}(Q_{Min_{xt}} + 4.688) + 14675.5Q_{Max_{xt}} + 0.3Q_{Max_{xt}}^3 + (\tan^{-1}(RW_{xt} + OA_{xt} - 9.59))(9.59Q_{Mean_{xt}} + 14675.5)$
		WGEF	$RWA_{xt} = 155.58Q_{Min_{xt}} + (Q_{Max_{xt}} + Q_{Mean_{xt}}) \cdot (RD_{xt} - Q_{Max_{xt}}) + 312.16Q_{Max_{xt}} + (Exp(RW_{xt}))^{1/3} \cdot (Q_{Min_{xt}} + 227.66) + 242.08Q_{Mean_{xt}}(Q_{Max_{xt}} + RW_{xt} + OA_{xt})$

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