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*Corrigendum to*

# "Assessment of reliability of extreme wave height prediction models" published in Nat. Hazards Earth Syst. Sci., 17, 409–421, 2017

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$\zeta$ has been used instead of $\xi$ in the equations mentioned below.

The following are the corrected equations:

$$\text{GEV}(H;\mu,\sigma,\xi) = \begin{cases} \exp\left(-\left(1-\xi\left(\frac{H-\mu}{\sigma}\right)\right)^{\frac{1}{\xi}}\right), & \text{for } \xi \neq 0 \\ \exp\left(-\exp\left(\frac{-(H-\mu)}{\sigma}\right)\right), & \text{for } \xi = 0 \end{cases} \quad (1)$$

$$H_{\text{T}} = \begin{cases} \mu - \frac{\sigma}{\xi}\left(1-\left(-\log\left(1-\frac{1}{T}\right)\right)^{\xi}\right), & \text{for } \xi \neq 0 \\ \mu - \sigma \ln\left(-\log\left(1-\frac{1}{T}\right)\right), & \text{for } \xi = 0 \end{cases} \quad (2)$$

$$\text{GPD}(H;\mu,\sigma,\xi) = \begin{cases} 1-\left(1-\xi\left(\frac{H-\mu}{\sigma}\right)\right)^{\frac{1}{\xi}}, & \text{for } \xi \neq 0 \\ 1-\exp\left(-\left(\frac{H-\mu}{\sigma}\right)\right), & \text{for } \xi = 0 \end{cases} \quad (3)$$

$$H_{\text{T}} = \begin{cases} \mu + \frac{\sigma}{\xi}\left(1-(\lambda T)^{-\xi}\right), & \text{for } \xi \neq 0 \\ \mu + \sigma \ln(\lambda T)\xi, & \text{for } \xi = 0 \end{cases} \quad (4)$$

$$E\left[H-\mu_0/H > \mu_0 > 0\right] = \frac{\sigma + \xi y}{1-\xi} \text{ for } \xi < 1. \quad (6)$$

On page 413, lines 28 to 30, the slope should be

$$\xi/(1-\xi).$$