

Correction: Renard, P.; Ababou, R. Equivalent Permeability Tensor of Heterogeneous Media: Upscaling Methods and Criteria (Review and Analyses). Geosciences 2022, 12, 269

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The authors would like to correct the published article [1].

At the end of Section 4.2.3 in the original publication, Equation (88) and the paragraph preceding it were incorrect. This text and equation were supposed to introduce the Vectorial Surface Flux (VSF) equivalent permeability of a 2D fracture network, but the paragraph and the equation incorrectly referred to it the Net Surface Flux (NSF) criterion.

A correction has, therefore, been made at the end of Section 4.2.3. K from Vectorial Surface Flux (VSF), which is located in the first paragraph below the title Equivalent K with the VSF Criterion for a 2D Fracture Network (Summary), as follows:

In the case of a 2D fracture network, and for constant head gradient conditions (GRD), the equivalent permeability resulting from the VSF criterion is of the form:

$$\mathbf{K}_{VSF} = \frac{1}{2L} \mathbf{U} \cdot \left(\mathbf{S}_{DF} - \mathbf{S}_{DI} \mathbf{L}_{II}^{-1} \mathbf{L}_{IF} \right) \cdot \mathbf{X}$$
 (88)

The rest of the text below Equation (88) remains unchanged, and the authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

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