



## Retraction Note to: Adaptive neuro-fuzzy selection of the optimal parameters of protective spur dike

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### Retraction to: *Nat Hazards* (2014) 73:1393–1404 <https://doi.org/10.1007/s11069-014-1140-5>

The Editors-in-Chief have retracted this article [1] because validity of the content of this article cannot be verified. This article showed evidence of substantial text overlap (most notably with the articles cited [2–6]), peer review and authorship manipulation. Hossein Basser does not agree to this retraction. None of the other authors responded to correspondence about this retraction.

### References

1. Basser H, Shamshirband S, Karami H et al (2014) *Nat Hazards* 73:1393. <https://doi.org/10.1007/s11069-014-1140-5>
2. Basser H, Shamshirband S, Petković D et al (2014) *Nat Hazards* 73:1439. <https://doi.org/10.1007/s11069-014-1145-0>
3. Petković D, Ab Hamid SH, Čojbašić Ž et al (2014) *Nat Hazards* 74:463. <https://doi.org/10.1007/s11069-014-1189-1>
4. Petković D, Shamshirband S, Pavlovic ND et al (2014) *Adv Eng Softw* 77:28. <https://doi.org/10.1016/j.advengsoft.2014.07.007>

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This article has been retracted. Please see the retraction notice for more details: <https://doi.org/10.1007/s11069-020-03923-y>.

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The original article can be found online at <https://doi.org/10.1007/s11069-014-1140-5>.

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5. Petković D, Čojbašić Ž, Lukic S (2013) *Expert Syst Appl* 40:4490. <https://doi.org/10.1016/j.eswa.2013.01.055>
6. Petković D, Čojbašić Ž, Nikolić V (2013) *Renew Sustain Energy Rev* 28:191. <https://doi.org/10.1016/j.rser.2013.07.049>

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