

## **OPEN Author Correction: Quantifying** uncertainties of sandy shoreline change projections as sea level rises

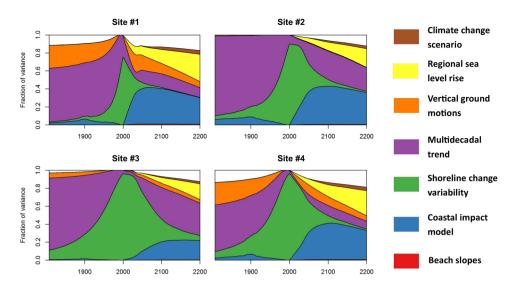
Gonéri Le Cozannet 1, Thomas Bulteau2, Bruno Castelle3, Roshanka Ranasinghe4, Guy Wöppelmann 65, Jeremy Rohmer1, Nicolas Bernon2, Déborah Idier1, Jessie Louisor1 & David Salas-y-Mélia<sup>6</sup>

Correction to: Scientific Reports https://doi.org/10.1038/s41598-018-37017-4, published online 10 January 2019

This Article contains an error in Figure 4, where the key was omitted. The correct Figure 4 appears below as Fig. 1.

Published online: 11 April 2019

<sup>1</sup>BRGM, 3, av. Claude Guillemin, BP 36009, 45060, Orleans Cedex 2, France. <sup>2</sup>BRGM, French Geological Survey, Pessac, France. 3CNRS/Univ. Bordeaux, Pessac, France. 4IHE Delft/University of Twente/Deltares, Delft, The Netherlands. <sup>5</sup>LIENSs, CNRS - Université de La Rochelle, La Rochelle, France. <sup>6</sup>CNRM, Université de Toulouse, Météo-France, CNRS, Toulouse, France. Correspondence and requests for materials should be addressed to G.L.C. (email: q.lecozannet@brqm.fr)



**Figure 1.** Variance-based global sensitivity analysis of the shoreline change model response as a function of time, for the four selected sites in Aquitaine (see Supplementary Material 1). For each date considered, the curves indicate the fraction of the variance of shoreline change projections that could be removed if input parameters were known (see main text). The effect of interactions between parameters is indicated as well. White areas indicate interactions between parameters, corresponding to shoreline positions, which can be only reached if at least two uncertain parameters deviate from their mean (see Methods). The graph reads as follows: for site #1, by 2200, uncertainties in regional sea-level rise projections (yellow) account for approximately 30% of the variance of shoreline change projections.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>.

© The Author(s) 2019