



Supplementary material: Water cycle modelling strengthened by probabilistic integration of field data for groundwater management of a quite unknown tropical volcanic hydrosystem

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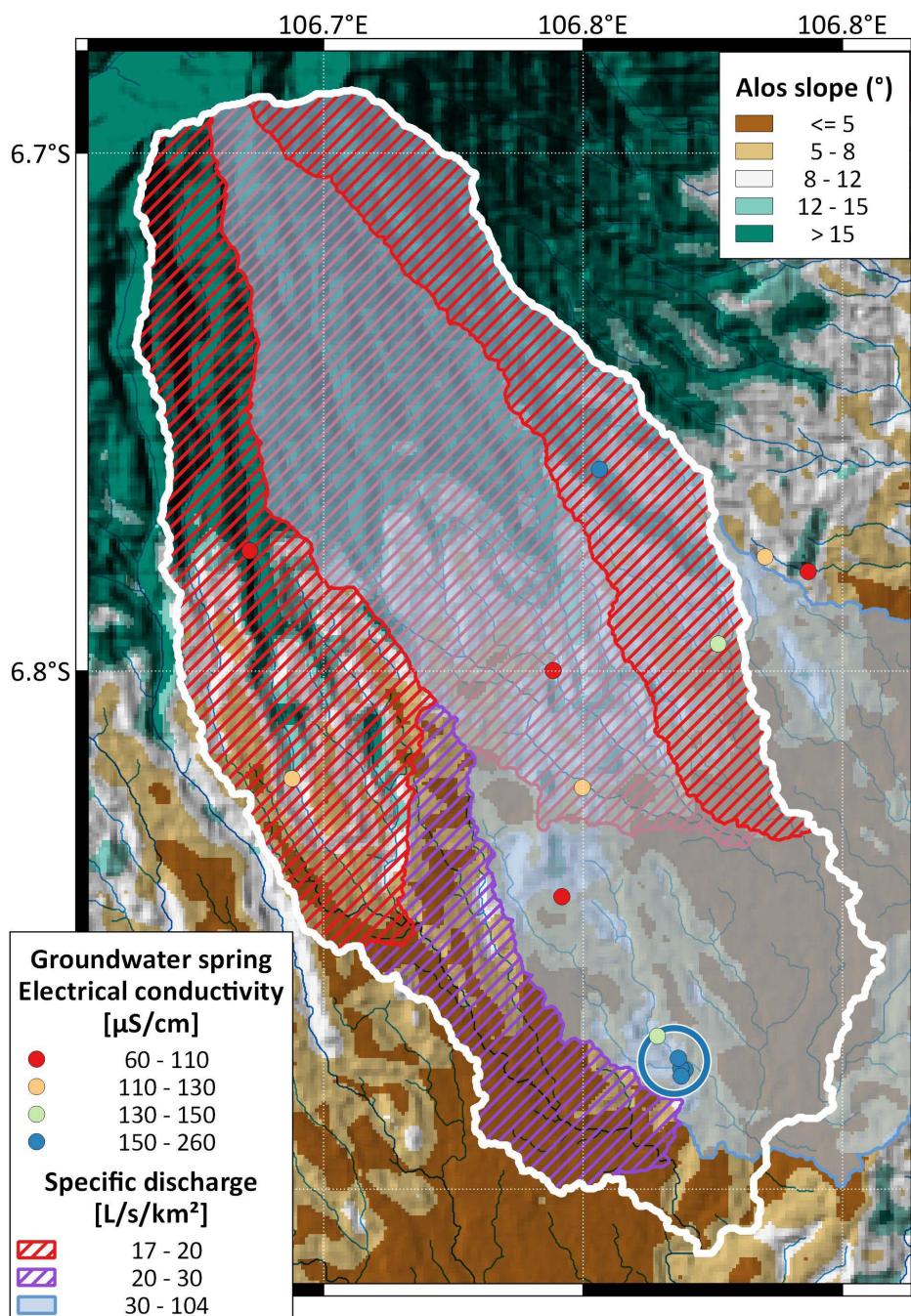
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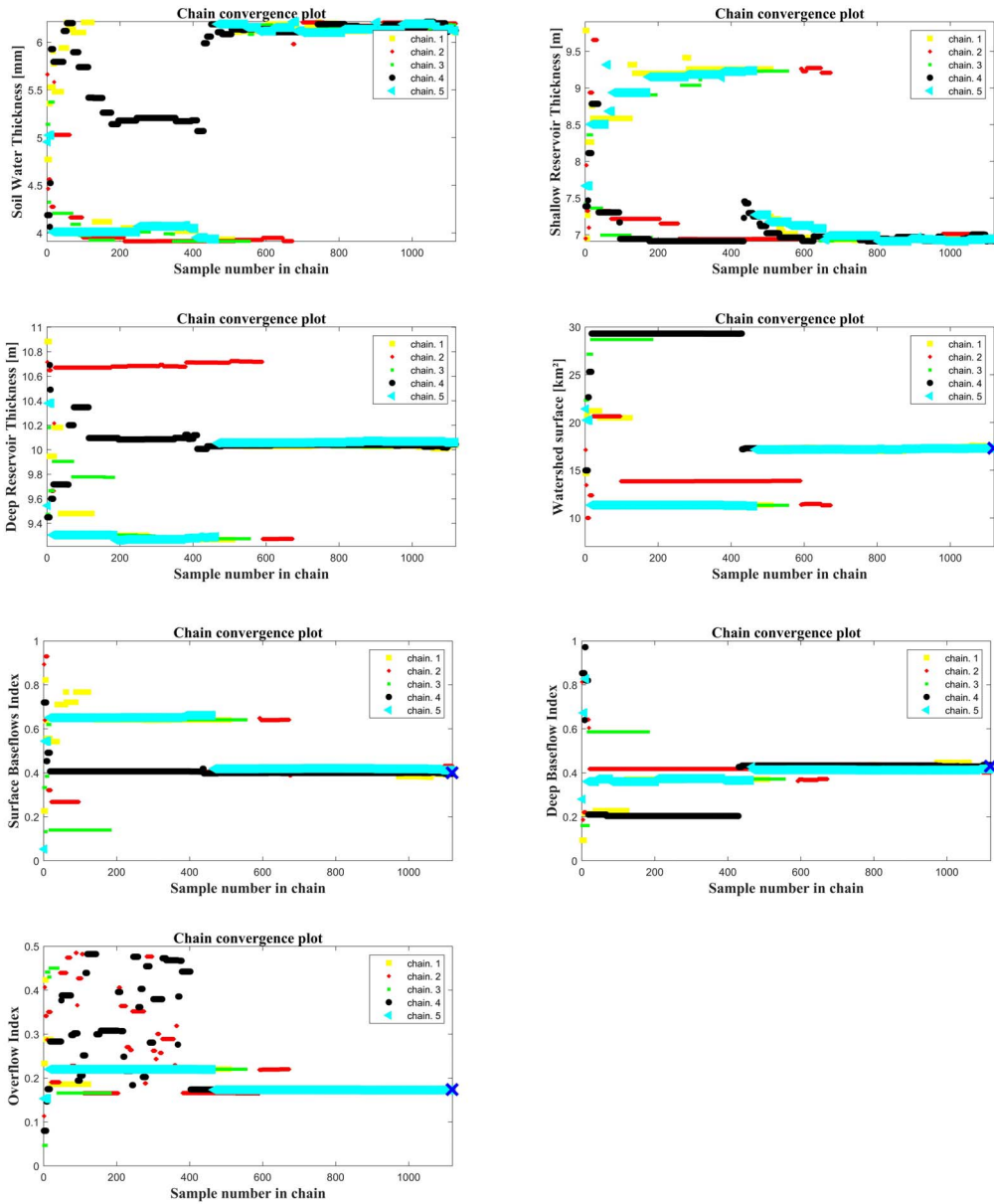
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Supplementary material A. Specific discharges map

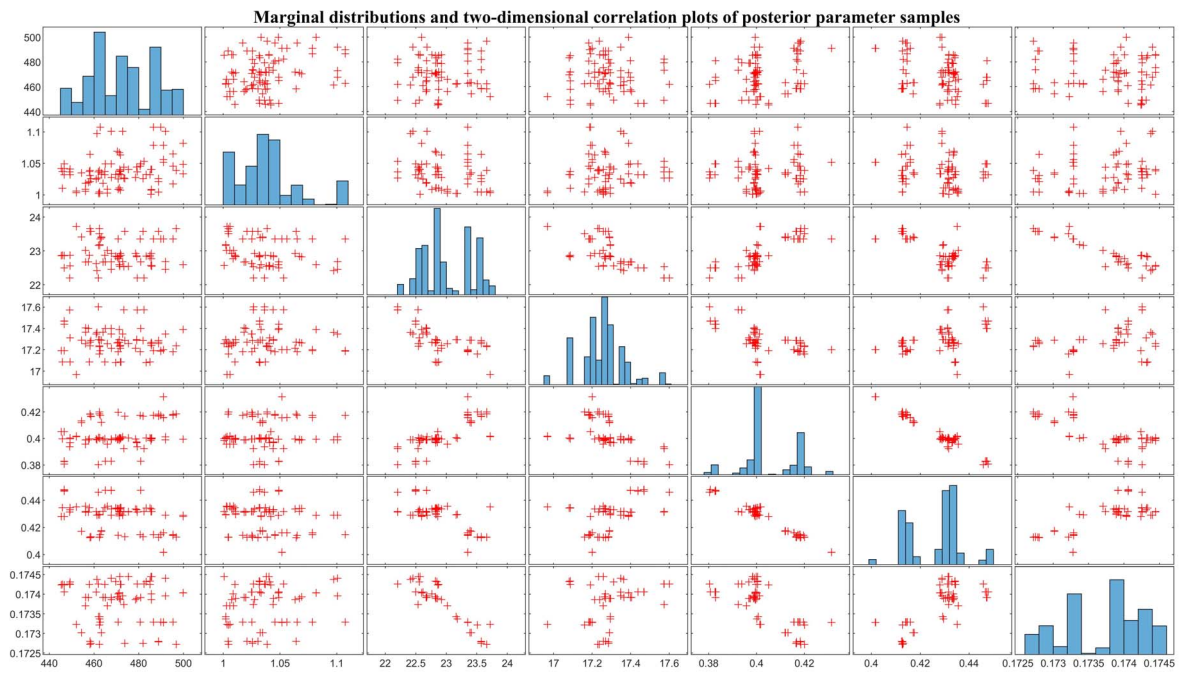


Supplementary Figure SA. Specific discharge for 4 sub-watershed on the slope map. The springs located in function of the groundwater electrical conductivity.

Supplementary material B. Markov chains for each parameters



Supplementary Figure SB. The seven parameter exploration by the five Markov chains. The optimum value is designed by a blue cross.

Supplementary material C. Correlation matrix

Supplementary Figure SC. The parameter correlation matrix. The first parameter is located in the first row and column while the last one is on the last row and column.