

***Interactive comment on “Classification of thermal waters based on their inorganic fingerprint and hydrogeothermal modelling” by I. Delgado-Outeiriño et al.***

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General comments:

Under the conditions in which it has been presented for review, the manuscript has an appropriate scientific level and should be accepted with minor modifications; re-review is necessary.

The goals outlined in the manuscript are appropriate to the topics of the Hydrology and Earth System Sciences journal.

C3490

Specific comments: to see comments on text (hess-2011-106-supplement.pdf).

Technical corrections: to see comments on text (hess-2011-106-supplement.pdf).

Questionnaire:

Does the paper address relevant scientific questions within the scope of HESS? YES

Does the paper present novel concepts, ideas, tools, or data? YES (novel data and data)

Are substantial conclusions reached? YES

Are the scientific methods and assumptions valid and clearly outlined? YES

Are the results sufficient to support the interpretations and conclusions? YES

Is the description of experiments and calculations sufficiently complete and precise to allow their reproduction by fellow scientists (traceability of results)? YES

Do the authors give proper credit to related work and clearly indicate their own new/original contribution? YES

Does the title clearly reflect the contents of the paper? YES

Does the abstract provide a concise and complete summary? YES

Is the overall presentation well structured and clear? YES

Is the language fluent and precise? YES

Are mathematical formulae, symbols, abbreviations, and units correctly defined and used? YES

Should any parts of the paper (text, formulae, figures, tables) be clarified, reduced, combined, or eliminated? PARTS MUST BE CLARIFIED. TO SEE COMMENTS ON TEX (hess-2011-106-supplement.pdf).

C3491

Are the number and quality of references appropriate? YES

Is the amount and quality of supplementary material appropriate? YES

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/8/C3490/2011/hessd-8-C3490-2011-supplement.pdf>

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