

Interactive comment on “Water management in the Senegal River Delta: a continuing uncertainty” by M. Mietton et al.

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1 - About content Authors had deliberately chosen to stand at the interface of Hydrology and social Sciences. They were They were delighted to understand that that this option was apparently one of the present journal orientations

[Scope Point 3 : The study of the interactions with human activity of all the processes
Aims : HESS, therefore, has the ambition to serve not only the community of hydrologists, but all earth and life scientists, water engineers and water managers, who wish to publish original findings on the interactions between hydrological processes and other physical, chemical, biological and societal processes.]

Referee 2 seems to depart from this position (unlike Referee 1).In such thematics,

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science cannot be exclusively held by one specialist (authors can also act as specialists). Relying on numerous hydrological data and on data analysis, the aim here is to gather several knowledges, to build a global assessment, to bring it to the attention of decision-makers and politicians, who, otherwise, are liable to make use of this vacuum left by scientists. Though evidently necessary, the single discipline approach is insufficient and thus leads to many of the environmental difficulties encountered by our societies. The “one specialist science” often imposes a fragmentary viewpoint of any environmental problem, and is far from providing a holistic understanding.

2 - Remarks

- Authors insist : the dissipation energy is properly written as $M^4/s = \text{flow (m}^3/\text{s)} \times m$ (meter of water fall)
- Authors use a wider definition of the environmental risk or hazard than the one given by referee 2, based on financial and technical risks alone (paragraph 1)

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 4297, 2007.

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