

methodology based on Shapley values demonstrates a mechanism to introduce more fairness in cost/benefit allocation which will surely contribute to encouraging more investment for redevelopment rather than in new development.

The least marginal environmental impact rule is proposed to ensure the selection of the least environmentally destructive choice among the equally productive solutions. Its application in reservoir design is of great potential when questions of reservoir location and storage capacity are addressed. There is no reason to create a reservoir of the size where the marginal environmental loss becomes more than that of alternative means elsewhere.

It is our wish and hope that some of the contributions presented in this chapter will be criticized, some be accepted and all will help in moving reservoir design and management to a new level. A level at which we will be able to look at the reservoirs in a more realistic way. A level at which we will be able to think about compromises. A level at which new ideas are going to be born.

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