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A REVIEW OF MULTI-HAZARD RISK ASSESSMENT (MHRA) USING 4D DYNAMIC MODELS

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Abstract. This paper reviews the 4D dynamic models for multi natural hazard risk assessment. It is important to review the characteristic of the different dynamic models and to choose the most suitable model for certain application. The characteristic of the different 4D dynamic models are based on several main aspects (e.g. space, time, event or phenomenon etc.). The most suitable 4D dynamic model depends on the type of application it is used for. There is no single 4D Dynamic model suitable for all types of application. Therefore, it is very important to define the requirements of the 4D Dynamic model. The main context of this paper is spatio temporal modelling for multi hazards.

[Conference paper](#) (PDF, 763 KB)

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