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U05-05

Room:IC

Time:May 21 11:15-11:45

What should be considered for coping with huge floods when only small to medium size historical data are available?

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It is shortsighted to insist that it is impossible to forecast huge floods events when only small to medium size historical flood data. It is important to figure out the non-linearity of flow and the structural non-linearity of flow fields. The most important thing to be considered during identification processes is to figure out the non-linearity of flow and the structural non-linearity of flow fields rather than to fitting of model parameters.

Keywords: huge floods, small to medium size floods, identification, non-linearity, model structure

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