Monteagudo Alexandra L.

BSIT 3A

**QUANTI METHODS**

**(MODELING AND SIMULATION)**

**Activity 4**

Continuous simulation or event-based modelling to estimate flood probabilities?

1. In determining the probability of floods, which is the most relevant approach between continuous simulations and stochastic event-based simulation? Why?
2. Based on your analysis of the two approaches, what is the strengths and weaknesses of stochastic event-based simulations? How about continuous simulations?
3. What is the general findings of the study and what do you think is the most reliable approach?