How to run the simulation model

Before the Simulation Model is run, it is important to make sure that the files used are saved in the same folder. The following files must be in the folder:

EmergencyPreparednessAndResponse2.slx
InputEPR.xlsx
RunModel.m
WavesRnd0-3.xlsx

Following is a guide on how to run the simulation model
1. Open *RunModel.m*
2. Open *EmergencyPreparednessAndResponse2.slx*
3. Define the required number of model runs in line 16 in the MATLAB script
4. Run the script, RunModel.m
5. Press "Change Folder" to add to path,

MATLAB will now plot the output response times after all simulation runs are completed. If it is desired to run the model for other emergency type, open *InputEPR.xlsx* and move one of the sheets with the desired emergency to the front (left). If it is desired, the input data can be changed to the user's needs.

If it is desired to run the model for Case 3, open the block: Q1.5 and comment out line 10. The model will now run until the farm is empty for emergency slaughter.

All code and script can be found in Appendix A, with description on how to add more vessels in the simulation.