Reservoir modelling is now used routinely to support major investment decisions but models and associated forecasts are often inaccurate, to the point that wrong decisions may get made.

This short talk looks at the causes of the poor model predictions and makes the point that is usually because of poor design rather than because of wrong key strokes in Petrel or Eclipse.

Success is not only about knowing the software, it’s about knowing what type of model to build – model design.

Three topics are highlighted which are current issues in reservoir modelling in many oil and gas companies.....

1st The curse of the FMM

2nd Data and availability

3rd Modelling for comfort

There may be trees ...

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