**The user manual for StrataTrapper software**

Authors: *Samuel Krevor (PI), Senyou An*

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**The purpose of the software**:

Accurately considering the heterogeneity, particularly the capillary pressure heterogeneity, in reservoir characterisation, which is utilized for multiphase flow simulation.

**The source of the software**:

Github project (s.an@imperial.ac.uk)

**The version of StrataTrapper**:

StrataTrapper for Windows system.

**Pre-installed the software**:

Image Processing Toolbox in Matlab.

Optimization Toolbox in Matlab.

**Steps to run StrataTrapper**

As following algrothm













