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AutoSCORES Software

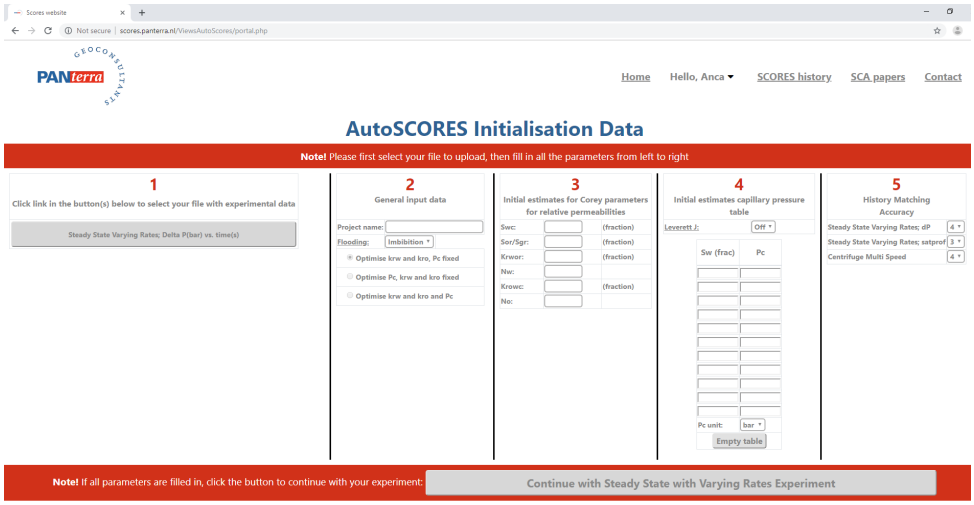
www.scores-panterra.nl

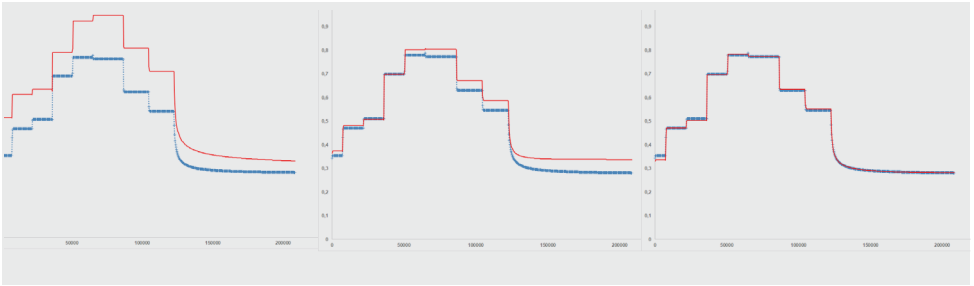
AutoSCORES is a web-based, automated history matching simulation tool. AutoSCORES stands for AUTOmatic Special CORE analysis Simulator and it is used to unravel true relative permeability and capillary pressure data from laboratory experiments.

AutoSCORES is a product of extensive experience and proficiency in designing and performing SCAL analyses. Our specialists have dedicated their knowledge and resources to build a fully automated history matching model into the exisiting SCORES.

Applications:

- Analysis of lab data.
- Improvement of Krel and Pc data set.
- Simulation for most lab methods: unsteady-state, steady-state, porous plate, continuous injection and centrifuge experiments.





Matching pressure drop during a steady state experiment

Main benefits:

- Easy to use, no specific training required.
- Web-based application which can be accessed anywhere, anytime.
- Fully implicit, automatic history matching.
- Fast simulator (around 1h per match).
- Using Levenberg-Marqardt search algorithm and varies both relative permeability AND capillary pressure data.
- Live preview of plotting data and results.
- Automatic results by email including accuracy overview.
- Secure and safe connection.
- GDPR compliant.
- Cost-effective subscriptions (pay-as-you-use).

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