



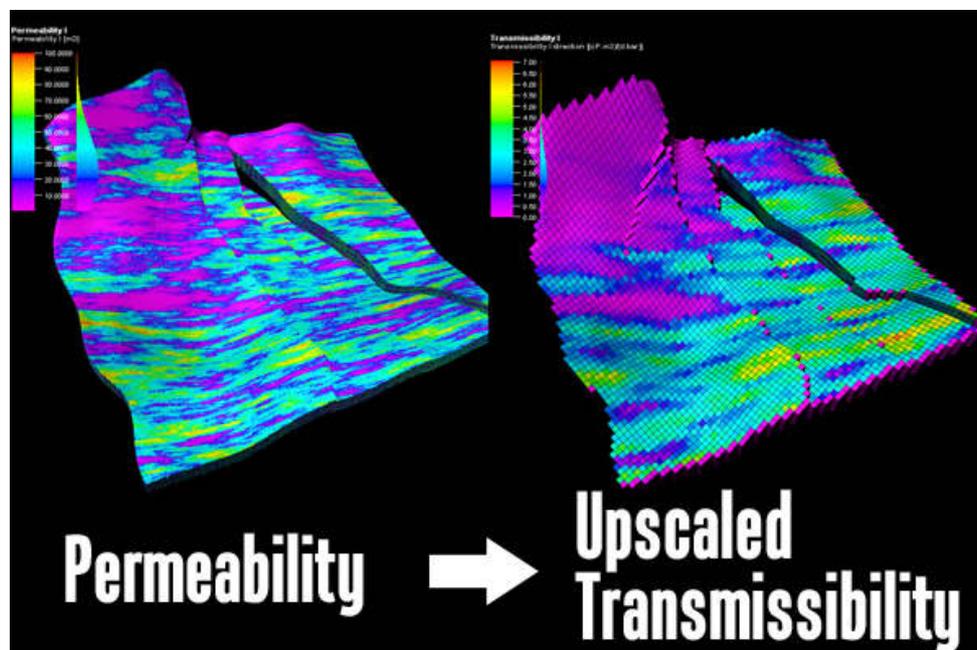
# TransTerra™

Terra3E

## A fast method for an accurate Upscaling of Transmissibilities

TransTerra™ is a plug-in for Petrel\* that compute the upscaled transmissibilities using 3D geological models described in permeabilities.

Method implemented combines numerical method and algebraic method to provide a fast and accurate upscaling of transmissibilities.



Compared to existing software, TransTerra™ uses shifted block to compute transmissibilities.

Two algorithms are available:

- Flow based method combined to algebraic method to provide a fast and accurate upscaled transmissibilities;
- Power law.

TransTerra™ allows controlling the quality of upscaling and gridding.

Upscaled transmissibilities can be used directly with reservoir simulator.

\*Mark of Schlumberger

[www.Terra3E.com](http://www.Terra3E.com)