



KarboEx2

Project Meeting,
07.07.2025

AP4: Geologische und markscheiderische Neuinterpretation aller Daten im Hinblick auf eine geothermische Nutzung

Univ.-Prof. Florian Wellmann, Ph.D.

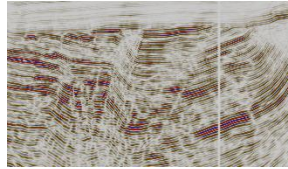
Dr. David Nathan, Ph.D.

Daniel Satizabal, M.Sc.

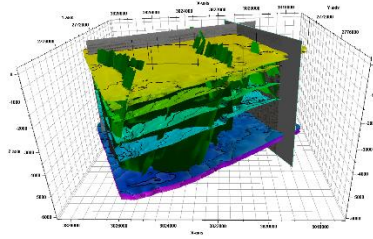
Chair of Computational Geoscience, Geothermics and Reservoir Geophysics (CG3)

Relation between Petrel and GemPy (KarboEx)

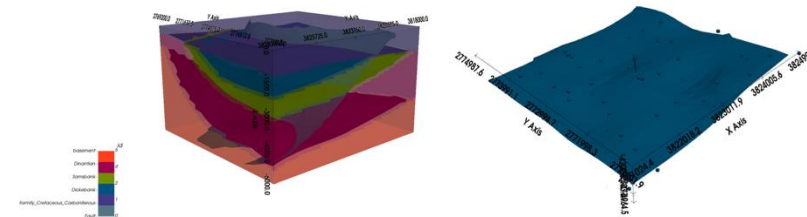
Seismic Interpretation



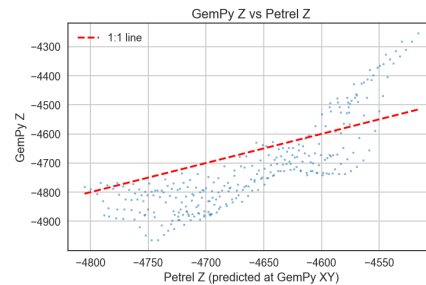
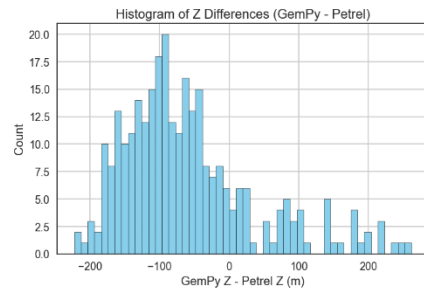
Surface Generation



GemPy Model

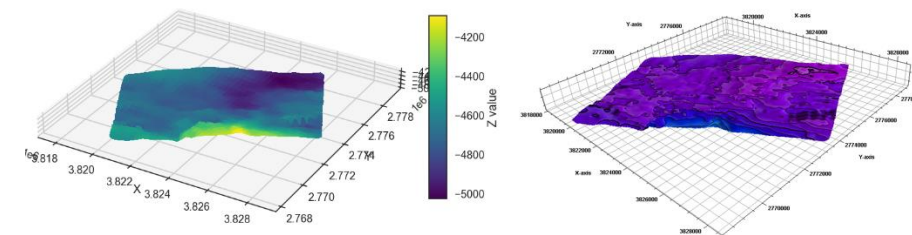


Assess the fit between GemPy and Petrel Model



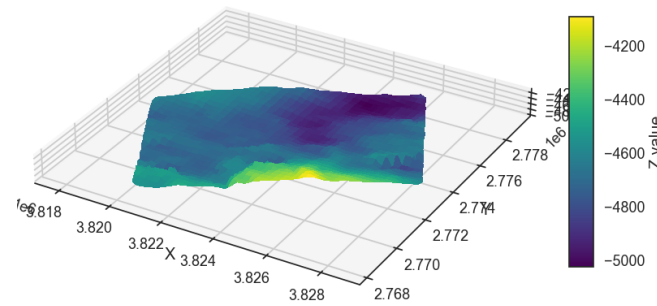
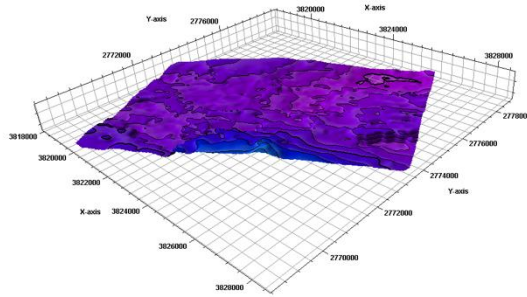
Comparison between GemPy and Petrel Model

3D Surface Plot (No Vertical Exaggeration)

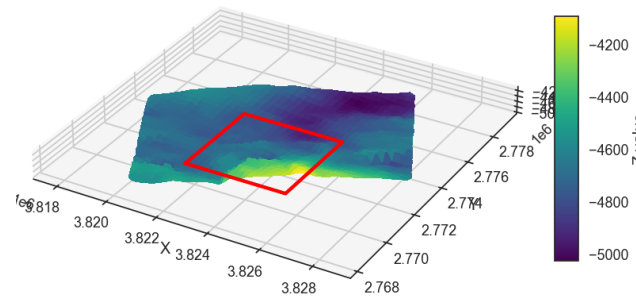
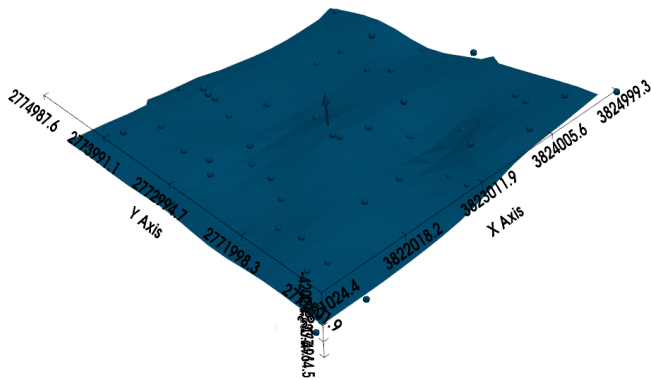


Relation between Petrel and GemPy (KarboEx)

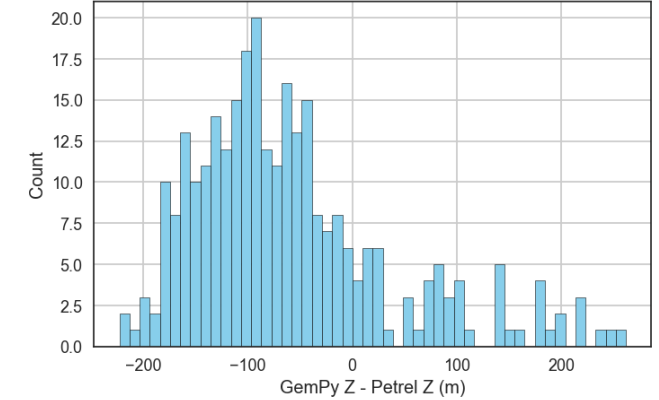
3D Surface Plot (No Vertical Exaggeration)



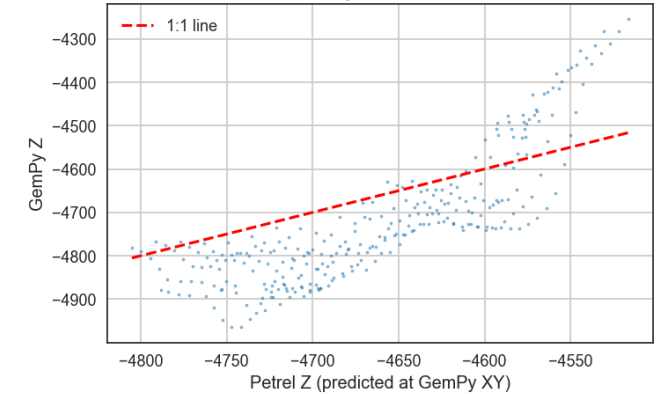
3D Surface Plot (No Vertical Exaggeration)



Histogram of Z Differences (GemPy - Petrel)



GemPy Z vs Petrel Z





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