Dr. Gustavo Corte
Research Associate
School of Energy, Geoscience, Infrastructure and Society
Institute for GeoEnergy Engineering

Type of address: Postal address.
Riccarton
Edinburgh
United Kingdom
Email: G.A.Corte@hw.ac.uk

Employment
Research Associate
School of Energy, Geoscience, Infrastructure and Society
Heriot-Watt University
14 Sept 2020 → present

Research Associate
Institute for GeoEnergy Engineering
Heriot-Watt University
14 Sept 2020 → present

Research outputs
4D Seismic Inversion to Changes in Pressure and Saturation Using Deep Learning
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An Integrated Workflow for the Probabilistic Estimation of Pressure and Saturation Changes from 4D Seismic Data: Application to the Catcher Fields, Central North Sea
Côrte, G., Tian, S., Marsden, G., Gibson, M. & MacBeth, C., 1 Mar 2023, In: First Break. 41, 3, p. 49-55 7 p.

Bayesian inversion of 4D seismic data to pressure and saturation changes: Application to a west of Shetlands field
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A Tiered Workflow for Probabilistic Estimation of Pressure and Saturation Changes from 4D Seismic Data
Corte, G., 21 Nov 2022.

Development of techniques for quantifying pressure and saturation changes from 4D seismic data applied to a North Sea field
Corte, G., 12 Jan 2022, Heriot-Watt University. 224 p.

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Seismic History Matching in the Pressure and Saturation Domain for Reservoir Connectivity Assessment
Corte, G., Chassagne, R. & Macbeth, C., Oct 2021, p. 1-5. 5 p.

Keynote 5: Informing neural networks with fluid flow consistent property correlations: A 4D seismic inversion application
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Mapping of water and gas injection areas through modeling and interpretation of 4D seismic from reservoir simulation models
Corte, G. & Pereira Leite, E., May 2017, In: Journal of Petroleum Science and Engineering. 153, p. 288-296 9 p.