

Artur Benevides

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Languages

German

English

Portuguese

Programming

Python

FORTRAN

MATLAB

Git

GNU Linux

LaTeX

Markdown

Ruby on Rails

HTML

Interests

Mathematics

Physics

Geology

Geophysics

Programming

EDUCATION

- 2017 — present Master's Degree in Applied Geophysics
National Observatory, ON-MCTIC (RJ, Brazil)
Research project: 3D Magnetotelluric Imaging of the Iguatu Basin: hydrogeological implications (Grantee of CNPq)
Advisor: Sergio Fontes
- 2012 — 2016 Bachelor's Degree in Geophysics
Federal University of Bahia - UFBA (BA, Brazil)
Title: Inversion of BHT for Determining Geothermal Gradient (Grantee of FAPESB)
Advisor: Amin Bassrei

EXPERIENCE

- 2014 — 2017 Internship
Laboratory of Petroleum Exploration | LAGEP - UFBA
Scientific initiation scholarship, 20h (weekly), schemes of job: part-time
- 2016 — 2016 Physics teacher
CPM - Dendezeiros, Salvador (BA, Brazil)
Internship as substitute teacher in high school
- 2007 — 2008 Internship
State University of Southwest Bahia, Jequié (BA, Brazil)
Collaborating in the audiovisual sector

PROJECTS

3D inversion of MT data: inversion of impedance tensor using algorithm NLGG (ModEM)
Regularization: an implementation of the regularization to inversion parameters

Vassouras Magnetic Observatory (VSS): we evaluate the possible occurrences of Geomagnetism Jerks

BIBLIOGRAPHICAL PRODUCTION

Benevides A., Camacho E., Silveira V., Melhorato R., Rodrigo I. & Pinheiro K., 2017. One Century of data from Vassouras Magnetic Observatory (1915-2015). II PANGEO (Vassouras - RJ) Poster

Benevides A., 2016. Processing and application of Bottom-Hole Temperature (BHT) Data. I Week of Non-seismics Methods. (Salvador - BA). Talk presentation

Benevides A. & Bassrei A., 2016. Inversion of BHT for Determining Geothermal Gradient: Application to Pineview Data (Utah, US). VII SimBGf (Ouro Preto - MG) Poster

OTHER RELEVANT INFORMATION

Organizing committee of the V, VI and VII week of geophysics - UFBA

Brazilian Geophysical Society, member since 2012

UFBA Student Chapter - EAGE, member in 2016 (1st in World Geoquiz Online)

All the bibliographical production and other projects are free in my GitHub profile linked above