FELLIPPE BIONE

GEOLOGIST

CONTACT

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ABOUT

A geoscience professional looking forward to solving scientific-industrial problems by developing creative solutions through highly adaptive and proactive work. I have large experience in working at multidisciplinary projects for technological innovation in geosciences, specially when related to geological modelling and applied research. I am always curious about learning new subjects and open to accept new challenges.

EDUCATION

ONGOING PhD IN GEOCHEMISTRY AND GEO-MODELLING
2019 - 2022.1 | Universidade Federal Fluminense - UFF

MASTER DEGREE IN GEOLOGY
2017 - 2019 | Universidade Federal do Rio de Janeiro - UFRJ

DEGREE IN GEOLOGY
2010-2016 | Universidade Federal do Rio de Janeiro - UFRJ

ONE-YEAR INTERNATIONAL UNDEGRADUATE SCHOLARSHIP
2014 | University of Queensland - UQ - Australia

CURRENT ACTIVITY

PhD researcher at the "PR3 Project" – Petrobras in partnership with the Laboratório de Oceanografia e Paleoceaenografia (LOOP - UFF). PR3 is an Applied Research Project (ARP) for technology development that aims to create an organic facies prediction plug-in for a commercial stratigraphic forward modelling software (StratBR, owned by Petrobras).

My attributions within this project are:

- Data interpretation, spatialization and modelling (well log, seismic, geochemical and other geological data);
- Software development – team management, conceptual model, code writing (Python) and QAQC;
- Meeting with company`s decision-makers to change information and maximize the integration between our plug-in to the main software (StratBR);
- Creating the sequence stratigraphy framework of a mid/Upper Cretaceous marine interval within the Espírito Santo Basin (SE Brazil), to build a 3D stratigraphic model;
- Mentoring undergraduate students (geology, geophysics and computer science students) that are developing activities within the PR3 Project.

TECHNICAL SKILLS

- Python
- ArcGIS
- Techlog
- Petrel
- Matlab
- CorelDRAW

PERSONAL SKILLS

- Creative
- Problem-solver
- Innovate
- Dedicated
- Proactive
- Team worker
- Leader

STUDY AREAS

- Data science
- Geoprocessing
- Stratigraphy
- Geochemistry
- Geophysics
- Geo-modelling
- Structural Geology

LANGUAGES

- Portuguese
- English
- Spanish

SCIENTIFIC PUBLICATIONS

2021 Santos T.P., **Bione F.R.A**., Díaz R.A., Bernardes M.C., Moreira M., Venancio I.M., Franco D.R., Belem A.L., Lisboa L.P., Leonardo N.F., Souza I.V., Albuquerque A.L.S and PR-3 Team. 2021. **Late Cretaceous astrochronology, organic carbon evolution, and paleoclimate inferences for the subtropical western South Atlantic, Espírito Santo Basin**. Cretaceous Research, under review.

2020 Venancio I. M., Belem A. L., Santos T. P., Lessa D.O., **Bione F.R.A**., Díaz R., Bernardes M.C., Souza I.V.A.F., Coutinho L.F.C., Albuquerque A. L. S., and PR-3 Team. 2020. **Temporal and spatial differences between predicted and measured organic carbon in South Atlantic sediments: constraints to organic facies modelling.** Marine and Petroleum Geology, under review.

2019 **Bione F.R.A**., Bongiolo E.M., Mendes J.C., Roland C.L. 2019. **Geochemistry, Sm-Nd isotopes and SHRIMP U-Pb geochronology of the Morro do Coco Granite (RJ, Brazil): another piece of the post-collisional magmatism of the Ribeira Belt**. Braz. J. Geol., 49(3): e20190010. http://dx.doi.org/10.1590/2317-4889201920190010.

2016 Nascimento D.B., Bongiolo E.M., **Bione F.R.A**., Kutterolf S. 2016. **Resultados preliminares obtidos a partir da contagem de pontos de rochas vulcanoclásticas da região do Rear Arc de Izu-Bonin-Mariana (Expedição 350 do IODP)**. In: 48 Congresso Brasileiro de Geologia, 2016, Porto Alegre. Resultados preliminares obtidos a partir da contagem de pontos de rochas vulcanoclásticas da região do Rear Arc de Izu-Bonin-Mariana (Expedição 350 do IODP). Porto Alegre: Editora da UFRGS, 2016. v. 1.

COURSES

2021 **DIONISOSFLOW TRAINING**
DIDIER GRANJEON and BENOIT CHAUVEAU - IFP ENERGIES NOUVELLES
6 hours

2019 **STRATIGRAPHIC FORWARD MODELLING: A SHORT INTRODUCTION TO DIONISOSFLOW**
BENOIT CHAUVEAU - IFP ENERGIES NOUVELLES
16 hours

2016 **OFFSHORE DRILLING TECHNIQUES**
ALPHONSE GRYNKO - TOTAL Professeurs Associés & TOTAL E&P do Brasil
20 hours