

JORGE DARLAN RODRIGUES ORTIZ

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Expertise

- **Senior Geologist**
- **Expert in Petroleum Geology**
- **MA in Geosciences**
- **Senior Consultant in Environment**
- **University Professor (Bachelor's degrees and Graduate Studies)**
- **Managing Partner and Director of the company Terraviva**
- **National Experience: PA, MA, CE, RN, PE, PB, AL, SE, BA, MG, RJ, SC, RS**
- **Basic knowledge of English, French and Spanish**

Education

MASTER DEGREE in GEOSCIENCES, AREA OF CONCENTRATION: STRATIGRAPHY, UFRGS, 1996.

MINING ENGINEERING, UFRGS, 1976. Unfinished.

GEOLOGIST, UFRGS, 1978.

SPECIALIZATION COURSE IN ENVIRONMENT, PETROBRÁS, Apr. 22 – June 14,1991.

Professional Experience

2012

TERRAVIVA CONS. EM MEIO AMBIENTE E GEOLOGIA LTDA. Managing Partner and Director.

TECHNICAL RESPONSIBLE - TDC PETRÓLEO BRASIL LTDA., subsidiary of TDC ENGINEERING CO, 1999 to present.

2006/2011

FACULDADE ÁREA 1 – SALVADOR, BA

Professor: *Introduction to Geoscience and Environmental Management of Mature Oil Fields.* Post graduation course in Petroleum Engineering.

WELLCON TREINAMENTO E CONSULTORIA LTDA.

Professor: *Introduction to Geoscience and Environmental Management of Mature Oil Fields.* Post graduation course in Petroleum Engineering.

UFS – FUNDAÇÃO UNIVERSIDADE FEDERAL DE SERGIPE

Professor: *Introduction to Geoscience and Environmental Management of Mature Oil Fields.* Post graduation course in Petroleum Engineering (Agreement with FAPESE/WELLCON/ANP).

PETROBRAS/WELLCON/CEFET-SE

Professor: *Geopolitics of Oil; Introduction to Petroleum Geology and Reservoir Geology.* Petroleum Fluid Formation Course for Technicians.

2005

UFS – FUNDAÇÃO UNIVERSIDADE FEDERAL DE SERGIPE

Professor: *Introduction to Geoscience and Environmental Management of Mature Oil Fields.* Post graduation in Petroleum Engineering (Agreement with FAPESE/ WELLCON/ANP).

UFS – FUNDAÇÃO UNIVERSIDADE FEDERAL DE SERGIPE

Geology Professor at the Agronomy Department. Agricultural Engineering and Forestry Courses, Aug. 2002 – Apr. 2005.

TECHNICAL RESPONSIBLE - UP PETRÓLEO BRASIL LTDA., subsidiary of ANADARKO Petroleum Corporation, Aug. 1999 – Sept. 2005.

ENVIRONMENTAL CONSULTANT - UP PETRÓLEO BRASIL LTDA., Aug. 1999 – Apr. 2005 and 2009 to present.

2002

CONSULTANT for the State Administration of Environment of Sergipe - ADEMA, Apr. – Oct. 2002.

1986 a 1999

PETROBRAS – PETRÓLEO BRASILEIRO S.A. Hired on Sept. 1, 1986.

HEAD, DEPARTMENT OF ONSHORE GEOLOGICAL OPERATIONS IN ALAGOAS (DENEST / DIRGEO / SETOG-I), Dec. 1, 1988 – Sept. 1, 1989.

REGIONAL ASSISTANT FOR ENVIRONMENT at the Superintendency of DENEST, Feb. 15, 1990 – Feb. 28, 1992.

COORDINATOR of the *Evaluation of Petroleum Potential Project of Pernambuco - Paraíba Basin, 1994 - 1998.*

Hired at ASSEMA – ENVIRONMENTAL ASSESSMENT OF PETROBRAS, on May 1, 1998.

Resigned from PETROBRAS on Feb. 28, 1999.

MANAGING PARTNER - TERRAVIVA CONSULTORIA EM MEIO AMBIENTE E GEOLOGIA LTDA., Apr. 1999 to present.

FACULDADE PIO DÉCIMO

HEAD PROFESSOR - *Engineering Geology*. 2nd half 1999. Course of Civil Engineering.

1979 to 1986

INDEPENDENT GEOLOGIST

Consulting services and technical advice on geology, mining and environment, Jan.1, 1979 – Nov.1, 1982.

MANAGER OF THE TECHNICAL DEPARTMENT AND TECHNICAL RESPONSIBLE.

MINERAÇÃO JACHETTI LTDA., Lajeado, RS, Oct.1, 1980 – Oct.1, 1981: research, extraction, processing, manufacturing and export of precious stones.

TECHNICAL DIRECTOR AND MANAGING PARTNER - LAVRASUL GEOLOGIA E ENGENHARIA DE MINAS LTDA. Projects and services in mining Company, based in Porto Alegre, RS, Dec. 1982 – Aug. 1986.

Technical works and Publications

“OVERVIEW ON THE MINING SECTOR IN RIO GRANDE DO SUL”. Technical tour (co-author). XXXI Brazilian Congress on Geology. Camboriú, SC: SBG, 1980.

“ENVIRONMENTAL DIAGNOSIS OF ECOSYSTEMS OF THE STATE OF SERGIPE”. Official report of Sergipe. ECO-92, RJ (co-author). Aracaju, SE: ADEMA, 1992.

“SEDIMENTARY INFILLING OF THE INCISED VALLEY OF THE CAMAQUÃ RIVER, QUATERNARY OF THE COASTAL PROVINCE OF THE RIO GRANDE DO SUL” – Master's Dissertation. Porto Alegre, RS: UFRGS, 1996.

“PRELIMINARY BIOSTRATIGRAPHIC AND PALAEOLOGIC SURVEY IN THE PERNAMBUCO-PARAÍBA BASIN, NORTHEASTERN BRAZIL” (co-author). XXXIX Brazilian Congress on Geology. Salvador, BA: SBG, 1996.

“ANALYSIS OF IMPACTS IN THE ENVIRONMENTAL MANAGEMENT ON EXPLORATION AND PRODUCTION OF OIL AND GAS”. *In:* PAIXÃO, A. E. A.; SILVA, G. F. da; OLIVEIRA, R. P. S. (org.). Technologies on oil, gas and energy. Co-author. São Cristóvão, SE: UFS, 2009.

Advanced Training and Specialization Courses

“GEOLOGY OF COAL”

College Extension Course. UFRGS, Aug.12 – Nov. 11,1977 - Porto Alegre, RS.

“INTRODUCTORY LEVEL COURSE IN GEOLOGY OF PETROLEUM – CIGEP/86”

Specialization Course. PETROBRAS, Sept.1, 1986 - Jan. 29,1997 - Sergipe, Alagoas and Rio de Janeiro.

“COMPLEMENTARY COURSE IN GEOLOGY OF PETROLEUM– CAGEP/89”

Specialization Course. PETROBRAS, July 24 - Dec. 08, 1989 - Rio de Janeiro, RJ.

“SPECIALIZATION COURSE ON ENVIRONMENT – CEAMB/91”

PETROBRAS, Apr. 22 – June 14, 1991 - Rio de Janeiro, RJ.

Complementary and Up-dating Courses

“COURSE ON ACCIDENT PREVENTION AND FIRE-FIGHTING” –

PETROBRAS, Feb. 24 – 26, 1987 - Aracaju, SE.

“COURSE ON FORMATION EVALUATION” –

PETROBRAS, May 4 – June 5, 1987 - Salvador, BA.

“COURSE ON INDUSTRIAL TOXICOLOGY” -

PETROBRAS, Mar. 29, 1988 - Aracaju, SE.

“BASIC COURSE ON MANAGEMENT – CBG/88” - PETROBRAS, May 2 - 20, 1988

- Barra dos Coqueiros, SE.

“BASIC COURSE ON ENVIRONMENTAL EDUCATION”

PETROBRAS, Mar. 7, 1990 - Carmópolis, SE.

“ENVIRONMENTAL CONTROL FOR EXPROPER MANAGERS – CAEP/90”

PETROBRAS, Aug. 6 – 8, 1990 - Salvador, BA.

“INTRODUCTORY COURSE ON LEGISLATION APPLIED TO ENVIRONMENTAL ISSUES”

TCA, Aug.13 – 15,1990 - Maceió, AL.

“COURSE IN SAFETY WITH H₂S”

PETROBRAS, Aug. 20 – 21,1990 - Aracaju, SE.

“BASIC COURSE ON MANAGEMENT OF ENVIRONMENTAL STUDIES”

PETROBRAS, Oct. 15 – 26, 1990 - Rio de Janeiro, RJ.

“COASTAL ECOSYSTEMS AND MARINE POLLUTION”

PETROBRAS, Aug. 12 – 16, 1991 - Salvador, BA.

“GEOMETRY AND ARCHITECTURE OF DOWNFAULTS IN RIFT BASINS”

PETROBRAS, Oct. 17 – 21, 1994 - Aracaju, SE.

“TOTAL QUALITY CONTROL FOR MANAGERS – SERVICES”

Fundação Cristiano Ottoni, Oct. 2 – 6, 1995 - Belo Horizonte, MG.

“FIELD COURSE ON STRUCTURAL GEOLOGY – GROUP 1”

PETROBRAS, Oct. 14 – 19, 1996 - Bahia and Sergipe.

“BRAZILIAN ENVIRONMENTAL LEGISLATION FOR NON LAWYERS”

Instituto Brasileiro de Petróleo – IBP, Aug. 31 - Sept. 02, 1998 - Rio de Janeiro.

“PCPA: OIL - POLITICAL AND ECONOMIC ASPECTS (GEOPOLITICS)”

PETROBRAS, July 14 – 16,1998 - Aracaju, SE.

PARTICIPATION IN EVENTS

VII BRAZILIAN MINING SYMPOSIUM

- July 31– Aug. 5, 1977 - Porto Alegre, RS.

XXXI BRAZILIAN CONGRESS OF GEOLOGY – TOUR GUIDE: “MINING OVERVIEW OF RIO GRANDE DO SUL”

- Oct. 19 – 25, 1980 - Camboriú, SC.

I SOUTHERN BRAZILIAN SYMPOSIUM OF GEOLOGY

- Set. 26 – 28, 1983 - Porto Alegre, RS.

I SEMINAR OF CONSULTING ENGINEERING

- July 17 – 18, 1984 - Porto Alegre, RS.

“DEPOSITIONAL SYSTEMS IN THE SERGIPE–ALAGOAS BASIN”

- Mar. 12 – 23, 1989 - Sergipe and Alagoas.

II ENVIRONMENTAL MEETING OF PETROBRAS SYSTEM

- Dec.17 – 20, 1990 - Nova Friburgo, RJ.

I TECHNICAL MEETING ON ECOTOXICOLOGY

- June 18 – 20, 1991 - Rio de Janeiro, RJ.

III ENVIRONMENTAL SEMINAR OF PETROBRAS

- Nov. 4 – 7, 1991 - Angra dos Reis, RJ.

XXXIX BRAZILIAN CONGRESS ON GEOLOGY

- Sept. 1 - 6, 1996 - Salvador, BA.

WORKSHOP FOR DRAFTING THE INTEGRATED MANAGEMENT PLAN OF THE COAST OF THE STATE OF SERGIPE

- May 12 – 15, 1998 - Aracaju, SE.

XLIII BRAZILIAN CONGRESS ON GEOLOGY

– Set. 3 – 8, 2006 - Aracaju, SE.

XXIV GEOLOGY SIMPOSIUM OF THE NORTHEAST REGION

– Nov. 11 – 14, 2010 - Aracaju, SE.

FIEMA – INTERNATIONAL FAIR OF ENVIRONMENTAL TECHNOLOGY

– Apr. 24 – 27, 2012 - Bento Gonçalves, RS.

V CONFERENCE ON ENVIRONMENT OF PORTO ALEGRE

– Apr. 27 – 29, 2012 - Porto Alegre, RS.

XII EXPOSOL – EXPOSITION FAIR OF SOLEDADE

– May 2 – 6, 2012 - Soledade, RS.

PROFESSIONAL ASSOCIATIONS

- SOCIEDADE BRASILEIRA DE GEOLOGIA – **SBG**
- ASSOCIAÇÃO DOS GEÓLOGOS DE SERGIPE – **AGESE**
- ASSOCIAÇÃO PROFISSIONAL SULBRASILEIRA DE GEÓLOGOS – **APSG**
- ASSOCIAÇÃO BRASILEIRA DE ENGENHARIA SANITÁRIA E AMBIENTAL – **ABES/SE**
- MEMBER OF **SAMC** – SOUTH AMERICAN MESOZOIC CORRELATIONS PROJECT (UNESCO/IUGS - IGCP PROJECT, 381).

Updated on May 6, 2012.

JORGE DARLAN RODRIGUES ORTIZ