

Personal Details

Date of Birth:	5 January 1968
Marital Status:	Married, two children
Nationality:	German
Health:	Excellent



Career Objective

Fair - Responsible - Transparent

I am an experienced EurGeol geologist with over 25 years of expertise in responsible mining, social development, and project management across diverse commodities and environments. Proven track record in leading large-scale exploration and mining projects for CRMs, with a focus on environmental protection, geo-ethics, and community engagement. Adept at managing audits, economic studies, budgets, and multi-disciplinary teams, driving business development, and optimizing mining operations. Strong advocate for sustainable mining practices, with significant experience in advising governments and international organizations on good governance and natural resource management. Passionate about shaping the future of the mining industry through innovation and ethical leadership.

Professional Skills / Knowledge

- ✓ Community Relations & Resettlement – large scale mining.
- ✓ Expert for Li, Ta, Nb, REEs, Ni, Co, Mn, Mg, Cr and Fe, sulphides, tropical and fossil Al-Fe-Ni-Co laterites, greenstone belts, base metals, industrial minerals.
- ✓ Competent Person (CP) according to international codes such as JORC, PERC, NI43-101 including expert knowledge on bridging between int. codes and new UNFC classification system of mineral resources & reserves.
- ✓ Coordination of multi-M/BUSD economic studies (PFS-BFS) according to NI43-101 and JORC; annual budgets up to 70 MUSD; > 500 staff.
- ✓ Optimization of feasibility studies and active operations; extensive experience in training and managing staff.
- ✓ Planning of competitive & innovative strategies in management, mining and production.
- ✓ Excellent verbal and communication skills; excellent understanding in community and government relations; highly organised and methodical; extensive network with experts & scientists of all areas.

Career Highlights¹

- ✓ DFS of multi-BUSD Fe Project in 15 month, 20 % under budget
- ✓ Li (spodumene & zinnwaldite), Ni, Fe, Mg feasibility studies on various deposit types
- ✓ CEO for multi BUSD project in Africa – forming and representing the owner's team;
- ✓ Project management of various ESHIAs, pre-feasibility & feasibility studies for projects in the range of 10 MUSD to > 7 BUSD
- ✓ Communication with international & national authorities (UN, UNMIK, EU, World Bank/IFC etc); Advising Governments concerning Good Governance and Sustainable Natural Resource Management
- ✓ Responsible mining & transparent supply chains; UNFC classification and ESG standards

¹ Full, detailed list of project references available on request

Professional Experience

January 2021 – to date

The Raw Material Radar - Up Cape Partnership Inc. Liberia & ECTerra GEO Consult GBR Founder & Managing Director

- ✓ Fair Tantalum Liberia – Artisanal Mining, Community Relations, and Social Development
- ✓ Responsible artisanal small-scale mining
- ✓ *Funded by the EU through EIT Raw Materials*
- ✓ Developing a unique partnership with artisanal miners and new standards in the industry
- ✓ Blockchain in mining in partnership with Minespider for transparent supply chains

Oct 2008 – to date

ECTerra Pty Ltd (AUS)

Founder – Managing Director



- ✓ Current Projects
 - Raw Material Radar (RMR) – www.rawmaterialradar.com
 - Lithium, Ta Mozambique and Liberia, Ni Brazil, Cr Turkey
 - Ta₂O₅ – EIT Raw Material Partnership
- ✓ Advising clients concerning exploration & mining projects
- ✓ Full Environmental Impact Assessment & Social Responsibility for various projects according to IFC standards
 - PFS Manager Lithium project Germany
 - Full BFS and ESHIA Putu Iron Ore Mine - CEO
 - Resettlement Plan TOTAL/Uganda – Project Manager
 - Ni - Horizonte Minerals/Brazil – Field Project Manager
 - Ghana Manganese – Contact EPA
- ✓ Projects in base metals, Lithium, Ta/Nb/REEs/Uranium, Fe, Graphite and Heavy Mineral Sands – latest projects in Germany, Brazil, and Liberia
- ✓ Acquiring projects; project meetings with clients & investors; planning of investment strategies & Business Development
- ✓ Project Management & training of senior staff
- ✓ Technical reporting NI43-101 & JORC, data verification; external auditing, UNFC classification CRMs
- ✓ Planning of exploration campaigns
- ✓ Advising clients on strategic investments
- ✓ Additional qualification as Environmental Officer (HSE) – (TÜV NORD)

Feb 2012 to Jan 2016

Severstal Resources/Putu Iron Ore Mining Inc.

Position: Chief Executive Officer PIOM Liberia

- ✓ Planning and managing ESHIA, Pre-feasibility and Feasibility of a multi-billion USD project
- ✓ Budgeting (up to > 60 MUSD p annum)
- ✓ Coordination of national and int. consulting groups; coordinating tender processes for construction projects, DFS

- ✓ Reporting to Board of Directors Severstal Resources Moscow
- ✓ Government Relation / Corporate Affairs Management; Community Relation Management
- ✓ Negotiations of contracts, SoWs, ToRs; HR Management in cooperation with the HR Manager
- ✓ Responsible for > 500 staff; training of staff regarding management, project schedules and budgeting; coordination of all department and sub-contractors
- ✓ Co-Founder 1st LIBERIAN CHAMBER OF MINES – “Acting Chairman 2013-2015”

Sep 2010 – Feb 2012; various campaigns until 2023

Brazil Exploration Company AIM listed Horizonte Minerals

Position: Project Manager / Regional Geologist N-Brazil

- ✓ Planning and managing geological exploration for Ni Laterite in Brazil
- ✓ Supervision of resource drilling; implementation of standard operation procedures according to int. standards for sampling, analytical work and reporting
- ✓ Interpretation of historic & new exploration data; validation of data and preparation of those information for compliant resource statements (NI43-101); internal auditing
- ✓ Conducting Pre-Feasibility and Feasibility Studies of a Ni laterite deposit in N-Brazil
- ✓ Supervising calculation of ore reserves according to international standard (JORC, 43-101 Code)
- ✓ Budgeting of regional exploration (> 5 MUSD pa); maintaining of exploration licences
- ✓ Advising client on business development
- ✓ Training of local staff; supervision of 4 local and int. Geologists, 6 Technicians and up to 30 staff.
- ✓ Setting up sample preparation and storage facilities for historic and new drill core; development of SOPs
- ✓ Supervision of re-logging campaigns; general core logging
- ✓ Implementing and supervising bulk sampling program for MET test work

Jul 2004 – Oct 2010

European Nickel PLC

Position: Project Manager / Regional Geologist / Country Manager

- ✓ Planning and managing geological exploration for Ni Laterite and Ni Sulphide Deposits in SE Europe and worldwide
- ✓ Project Manager for the Regional Office in Belgrade/SRB and Tirana/Albania
- ✓ Interpretation of historic & new exploration data
- ✓ Planning and carrying out of Fact-Finding Missions in SE Europe, Middle East and Asia
- ✓ Auditing of existing data of both, laterite and sulphide deposits
- ✓ Conducting Economic Studies of existing deposits
- ✓ Desk Studies of Ni Laterites/Sulphides in Europe, Asia, Middle East
- ✓ Supervising calculation of Ore Reserves according to international standard (JORC, NI43-101)
- ✓ Budgeting of regional exploration (> 5 MUSD pa)
- ✓ Planning and setting up of sample preparation facility in Serbia according to international standards ISO, JORC, 43-101
- ✓ Communication with Ministries and National Institutions
- ✓ Applying for exploration licences under national and international standards
- ✓ Training of local staff; set up laboratories and sample preparation facilities

- ✓ PR Management (Government and Local Communities, NGOs)

May 2002 – Dec 2003

KHA-TEC GmbH, GERMANY

Position: Project Manager / Technical Director, Morrua Mine Mozambique, Ta & Li

- ✓ Technical Director of Tantalite Mine with Li Mica by-product, Project Manager Phase II (Extension of Processing Plant, > 10 M€), Project Manager Exploration, Infrastructure
- ✓ Reporting directly to Board of Directors, planning of strategic investments
- ✓ Communication with official institutes (EU, World Bank, Government)
- ✓ Supervision of mine planning
- ✓ Geological exploration for Lithium (spodumene), Tantalite, REEs and associated minerals; evaluation of Ta deposits (pegmatites)
- ✓ Community Relations Management

November 2001 – April 2002

SaarMontan GmbH, Grube 1, 66125 Saarbrücken – Jägersfreude, GERMANY

Position: Project Manager KOSOVO (Former Republic of Yugoslavia)

- ✓ Management of Operation in Kosovo
- ✓ Correspondence with international parties such as UN, UNMIK, EU etc.
- ✓ Supervision of Drilling and Blasting Teams; planning of quarries (Pit Design)
- ✓ Cost estimation of all operations and combined with the recommendations of new strategies
- ✓ Consulting for Mining Industry

February 2001 – November 2001

FGE GmbH, Klingenderstr. 10-14, Paderborn, GERMANY

Training: GeoInformationSystems (GIS) – Engineer and Consultant

- ✓ Training on four GIS-Programmes (e.g. ArcView, MicroStation, SICAD/open)
- ✓ Project Management and Consulting

September 1996 – December 2000

Ghana Manganese Company Ltd GHANA

Position: Chief Geologist & Production Manager

- ✓ Quality control of the ore, improved quality of ore to match customer's specification (QA/QC), Laboratory Management
- ✓ Work out of blast designs and the costs involved; wrote and developed investment plan for new blast drill rig. Drilling and blasting have since increased by more than 100 %
- ✓ Ore reserve estimation: increased ore reserves by 25 %; short-term exploration
- ✓ Supervision of exploration (geochemical soil sampling and trenching) for Gold and Manganese, supervision of drill crews, both Diamond- and RC-Drilling
- ✓ Supervision of senior & junior staff (> 100 employees)
- ✓ Planning of pit design; achieved more efficient ROM production; raised ROM by > 100 %
- ✓ Core logging, re-organisation of core magazine; structural & geological mapping of the mining area; accomplished a completely revised geological map and structural model of mining area
- ✓ Environmental Protection; member of the environmental committee of GMC; corresponded with the Environmental Protection Agency of Ghana; Presentation of environmental measures to the EPA and their

representatives; supervising of every environmental measure on the mine property (e.g. construction of new filling station for heavy duty equipment)

- ✓ Cost estimation of all mine equipment and combined with the recommendations of new investments; reporting of availability and utilisation of heavy-duty equipment and recommendations of new investment strategies

January 1996 - September 1996

TU Bergakademie Freiberg, Institute of Mineralogy, Chair of Ore Deposits, Germany

Position: Assistant in a research assignment

- ✓ Preparation of research trip and representing the geological part of this project to a group of scientists (e.g. biologists) of other institutions; member of the research expedition (HYDROTRACE SONNE 109)
- ✓ Water sampling & analysis; mapping of ocean floor; sampling & description of sea floor sample
- ✓ Tutoring geology and mining engineering students in mineralogy

September 1992 - September 1995

TU Clausthal, Institute of Mineralogy, Germany

Position: Temporary assistant (in the years of study)

- ✓ Tutoring geology and mining engineering students in mineralogy
- ✓ Organising & watching over the mineralogical exhibition, showing groups around

Education and Qualification

April 1989 - September 1995

Qualification: Diplom Geologe (equivalent to Master of Science, Geology)

Institute: Technical University of Clausthal, Germany

Geology & Palaeontology, Engineering Geology, Economic Geology and Hydrogeology

May 2010

Qualification: Radiation Protection Supervisor & Officer

- ✓ Responsible for XRF Olympus Vanta

Qualification: Environmental Officer TÜV NORD, Germany

- ✓ Environmental Laws; ISO 14001, EMAS II, Management Systems OHSAS 18001, SCC; HSE
- ✓ Organising of companies according to environmental aspects; internal auditing

Relevant Courses, Conferences & Presentations, Publications

- ✓ IPGC5 Zaragoza Conference “The Raw Material Radar – responsible mining & transparent supply chains”, Zaragoza Oct 2025
- ✓ Geo4Göttingen Conference “Where are we heading regarding mining in Germany?”, Göttingen Sep 2025
- ✓ Women in Mining WiM Africa Inauguration Event “Raw Material Radar in AS”, Sep 2025
- ✓ Conference Conveyor Belt Forum “Strategic Raw Material Supply for Germany”, Essen March 2024
- ✓ EIT Raw Material Conference “Responsible Mining”, Prague Dec 2023
- ✓ IGEO 2022 Cork “Responsible Exploration & Mining”, Cork June 2022
- ✓ Presentation “Transparent supply chains & responsible mining” at 12th German Geologist Day; BDG (Association of German Geoscientists), Berlin May 2022
- ✓ Paper “Positions on a sustainable raw materials strategy in Germany”, expert group RawMaterials in Scientists 4 Future, 2021

- ✓ Paper “Supply chain law with brittle chain links”, expert group RawMaterials in *Scientists4Future*, 2021
- ✓ Speaker at EIT RawMaterials Export Forum 2021 – responsible mining
- ✓ Presentation responsible mining at Raw Materials group of Scientist4Future 2021
- ✓ Presentation “Raw Materials for E-Mobility – How are they mined?”; Climate Week Bielefeld, August 2020
- ✓ Mines & Money London, presenting the results of the “Goleshi Magnesite Scoping Study”, Dec 2019
- ✓ Presentation “Raw Materials – Fake News & Reality – Where do our raw materials for renewable energy and e-mobility come from”, Twistringten Nov 2019
- ✓ Presentation “Capacity Building” Ministry of Mines & Steel Development Nigeria, Aug 2018
- ✓ Keynote Speaker Developing a National Biodiversity Offset Scheme: “A Road Map for Liberia’s Mining Sector” World Bank Group 26th March 2015.
- ✓ Keynote Speaker “3rd Session of the regional dialogue platform in extractive industry, Central Asia, 7th – 9th April 2014, Dushanbe/TAJ“: Government Investors Relationship.
- ✓ World Bank Workshop “Aggregated Biodiversity Offsets in Liberia” 1st -2nd April 2014
- ✓ Environmental Officer – certified Modul I + II TUEV NORD, June 2010
- ✓ “World of Mining” magazine 6/2008: article on Ni laterites in the Balkan Region – Geology, Mining and Processing
- ✓ SGA Conference Dublin August 2007: paper and presentation “Fossil Nickel Laterites of the Tethyan Belt – Deposits in Albania and Turkey”
- ✓ 2nd Balkan Mining Congress Serbia 2007: paper “Laterite Nickel Ore in the vicinity Of Bilishti - East Albania” and presentation “Fossil Nickel Laterites of the Balkan – Case Studies”
- ✓ 4th Balkan Conference 2006 at Zlatibor/SCG: presentation + paper “Ni laterite deposits in the Ophiolite belts of the Alpine Himalayan System”
- ✓ Presentation for the University Beograd Faculty of Mining & Geology “Case Studies of Ni Laterite deposits in the Balkan Region & New Technologies in exploration and exploitation with regards to Serbia” Beograd 2005
- ✓ International Earth Science Colloquium on Aegean Regions with Presentation “Ophiolites in the Alpine Himalayan Belt: Case Studies of Ni laterite deposits in the Balkan Region & Turkey” Izmir 2005

Voluntary Engagement

- ✓ Raw Material Group Scientist4Future
- ✓ Regulatory Authority body of EFG 2022-to date
- ✓ BDG GeoEthic Forum 2023
- ✓ Candidate for Vice-Presidency EFG

IT Skills

- ✓ ARCGIS, MS-Project
- ✓ Drone pilot with EU licence

Interests

Member of Association of German Geologists (BDG)
 Chairperson of the GeoEthic & Int. Cooperation Group of BDG
 Representative of BDG in PERC committee
 Member EFG – EurGeol #641
 Member of the Regulatory Authority of EFG
 Fellow of SEG
 Member of SGA

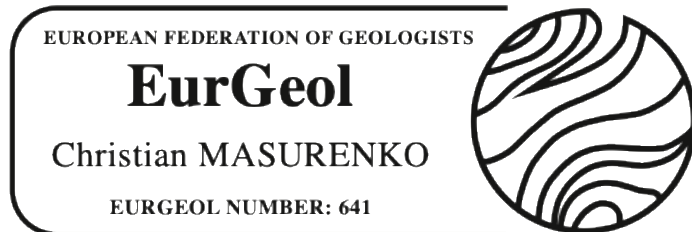
Coordinator Scientists4Future “Raw Materials”

Mentor BDG and EFG for students

Acting Chairman 2013-2015 1st Liberian Chamber of Mines

Charity Development, Guinness World Record™ Holder “longest marathon tennis match 2012 & 2017”

Organiser of various charity projects in Germany, Liberia



For verification <https://eurgeoltitle.eu/member/christianmasurenko>

References²

² references available on request / project references on request