

Student Research Proposals



RGNO 2017

Marwa Baloza

Enrichment of aerobic and anaerobic nitrifying Bacteria from Thiomargarita and Beggiatoa Sheaths

Ibrahima Diack

Zonal and Vertical Distribution of Nutrients in the Northern Benguela Upwelling

Essam El-Shorbagi

How Macronutrients regulate Phytoplankton Community Structures in the Northern Benguela Upwelling System (BUS)

Lauren E. Gillies

Sampling the microbial Community in the Water Column of the Benguela Upwelling System (BUS) to better understand the Role Microbes play in the Nitrogen Cycle of the BUS Ecosystem

Natalie Hicks

Benguela's Benthic Biogeochemistry – Disentangling the Carbon-Nutrient Dynamics of a productive Upwelling System

Anastasiia Ignatova

An Assessment of organic Carbon Burial Processes in the Benguela Upwelling System

Nicola Krake

Sea Surface Temperature Signals in planktic Foraminifera Shells in the Benguela Upwelling System: Reliability of a paleoenvironmental Proxy

Barbara Lésniak

Magnetotactic Bacteria in the Benguela Upwelling Ecosystem

Nancy Oduor

How Macronutrients regulate Phytoplankton Community Structure in coastal Waters: Addressing marine Ecosystem Health

Eugenia K Paulus and Greg L Mbaimbai

Analyses of Spatial and Vertical Sediment Grain Size Distribution in the Northern Benguela Upwelling System

Amidou Sonko

Physicochemical Quality of marine Water in the Upwelling System of Benguela

RGNO 2016

Blanca Ausin

Coccolithophore spatial and vertical Distribution and their Relationships to environmental Conditions in the Benguela Upwelling

Philip Eickenbusch

Microbial Formate Dehydrogenase Activity in the Shelf Sediment of the Benguela Upwelling Ecosystem

Zimkhita Gebe

Spatio-temporal Variability of Picophytoplankton and their vertical Distribution in the Benguela Upwelling System

Leanne Hancock

Temporal and Spatial Comparisons of Nutrient Limitation and Redox Stability in the Benguela Upwelling System - How Nitrogen Cycling and Nitrogen Loss can be Studied Applying Stable Nitrogen Isotope Techniques

Said Hashim

Macrobenthic Distribution across the Oxygen Minimum Zone of the Northern Benguela Upwelling System - How tolerant are macrobenthic Organisms towards Hypoxia

Ismael Kanguuehi Kaukurauee

Concentration and Dissolution of Trace Metal from Known Dust Sources in Namibia - How Namibian Deserts are fertilizing the Ocean from above

Beth Waweru

Composition of Nematodes and Annelids Distribution across Northern Benguela Upwelling System in Namibia

RGNO 2015

Clara M. Loureiro

Microbial Community Characterization in the Benguela Ecosystem

Erastus Shilongo Uusiku

Heavy Metals & PSTs along the Namibian Coast, Quality Assurance - A Baseline Study

Felipe Sales De Freitas

What controls Reactivity of sedimentary organic Matter across different depositional Settings?

Hermina M.Namupala

Determine Paralytic Shellfish Toxins (PSTs) Profile of the Alexandrium Species along the Southern Namibian Coast

Isabella Shaningika Etuhole Ueitele

The Ocean as a Source of Antibiotics - Molecular and morphological Screening for Fungi

Jessica Cofrancesco

Impacts on the Trace Metal (TM) Contents of laterally re-deposited Sediments in the Benguela Upwelling System - Consequences for TM Paleo-Proxies

Kaarel Mänd

An Assessment of the Evidence for modern microbial Processes in Palaeo-Proterozoic Phosphorites

Katharina Siedenberg

The Application of stable Isotopes to reveal the sedimentary Sulfur Cycle

Lorenzo Lagostina

Molecular Characterization of Fungal Communities in Sediments of the Benguela Upwelling System

Sally Johanna Shiindi

A modular Approach for the Enrichment of sulfate-reducing Microorganisms of organic-rich Sediments

Stéphanie Follonier

Isolation and Characterization of Bioplastic-producing Microbes from the Benguela Upwelling System

RGNO 2014

Blessing Kamwi

Benthic-Pelagic Interaction

Cathleen Deelie

Polyphosphate storage in Diatoms

Johanna Dijerenge K.

The Effect of variable Concentrations of Nitrogen and Phosphorus (N:P) Ratios on the Growth of *Pleurosigma* sp.

Kate French

Molecular Characterization of the Sulfur Cycle in the Benguela Upwelling Zone

Maria Malakia

Effect of dissolved organic Carbon addition on Microorganisms in the Water Column off the Namibian Shelf

Marion Jaussi

“Fishing” sulfate-reducing ammonium-oxidizing Microorganisms.

Przemysław Dąbek

Environmental Factors limiting Growth of the planktonic Diatoms (Bacillariophyceae) from the Benguela Upwelling System – an experimental Approach