

FACULTY OF SCIENCE

DEAN: PROFESSOR N CHETTY BSc Hons (Natal) MS PhD (U. Illinois Urbana-Champaign) MASSAf MSAIP

Master of Science

BERHANU, Robel *Geophysics*
DISSERTATION: Reprocessing of legacy seismic profile using advanced algorithms for shale gas exploration in the Karoo Basin (South Africa)

HLONGWANE, Nonhlakanipho Brighty *Environmental Sciences*
RESEARCH REPORT: Challenges of solid waste management in rural areas: a study of Nkomo Village, Greater Giyani Municipality, Limpopo

HOLTZ, Cassia Johanna (*with Distinction*) *Geography, Archaeology and Environmental Studies*
DISSERTATION: Exploring shifts in the threshold for reporting on extreme temperature events over the past century in South Africa

KHOMO, Prudence Mamello *Geographical Information Systems and Remote Sensing*
RESEARCH REPORT: Flood susceptibility modelling using geo-analytical hierarchy process (G-AHP) approach in Khartoum, Sudan

KUWAZA, Tamiranashe (*with Distinction*) *Geography, Archaeology and Environmental Studies*
DISSERTATION: Exploring heatwaves and urban heat islands: Implications for water resource availability in Gauteng Province, South Africa

MAKHATENG, Pontsho Tamara *Geophysics*
DISSERTATION: Geophysical insights into the southern Lebombo volcanic sequences and its influence on the formation of the Zululand Basin

MASHALA, Prudence Granny *Geology*
DISSERTATION: Modelling geological and mineral resources uncertainty in stratabound and stratiform deposits of the Witwatersrand Basin, South Africa

MONGALA, Neo Vincent Modise *Geographical Information Systems and Remote Sensing*
RESEARCH REPORT: Towards a reformed mining cadastre in South Africa through the assessment of Artisanal and Small-Scale Mining (ASM)

MUNRO, Hannah Frances *Archaeology*
DISSERTATION: Contact and cattle: understanding rock art representations in the Maloti-Drakensberg Mountains, Maclear District, South Africa

NTULI, Simphiwe Polar *Geology*
DISSERTATION: A radiogenic and stable isotope investigation into the petrogenesis of Proterozoic massif-type anorthosites from the Kunene AMCG Complex in Angola

POLEY, Mietha Chubella *Economic Geology*
RESEARCH REPORT: Quantifying the overburden material types at Grootegeluk Coal Mine

RAMPYAPEDI, Napoleon Maropeng *Geographical Information Systems and Remote Sensing*
RESEARCH REPORT: Destructive estimation of canopy chlorophyll content in smallholder crops using UAV and Sentinel-2

SAKALA, Vincent *Hydrogeology*
RESEARCH REPORT: Hydrogeochemical characterisation of groundwater in fractured aquifers at Konkola mine in Chililabombwe, Zambia

SHANGASE, Cyprian Bhokinkosi *Geographical Information Systems and Remote Sensing*
RESEARCH REPORT: Mapping and monitoring the *Seriphium plumosum* encroachment in the rangelands of KwaZulu-Natal using Landsat Earth observation data

THOBEJANE, Kagiso Potlako *Geography, Archaeology and Environmental Studies*
DISSERTATION: Assessing the effectiveness of green infrastructure in urban areas - for mitigation of climate change-induced extreme events in South Africa: a case study of the Johannesburg CBD

ZIKHALI, Siyabonga Knowledge *Geographical Information Systems and Remote Sensing*
RESEARCH REPORT: Estimating biophysical variables of the winter wheat crop using multispectral remotely sensed data

Bachelor of Science Honours

ADRIANO, Iracelma Da Conceicao Tomas (*with Distinction*) *Geography*

ARNOLDS, Jean Dimitri *Geology*

BAILEY, Mia-Rose Nomvelo *Environmental Studies*

CHAUKE, Sharma Pearl *Geography*

COOPER, Amy Jane *Archaeology*

DHLAMINI, Nontokozo Promise *Environmental Studies*

DHLONGOLO, Nothando Boikanyo *Geographic Information System and Remote Sensing*

DIALE, Hellen Goabaona *Geographic Information System and Remote Sensing*

DILDAR, Amir (*with Distinction*) *Environmental Studies*

GENESS, Riaska Sonal *Archaeology*

GODONGWANA, Nanilethu *Environmental Studies*

HASSAN, Aaminah *Environmental Studies*

KAMA, Ntsikelelo (*with Distinction*) *Geophysics*

KANENGONI, Runakorwashe Ayanda (*with Distinction*) *Environmental Studies*

KARSHAGEN, Teneal Jayde *Environmental Studies*

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|---|---|
| KHUMALO , Nontethelelo | <i>Geology</i> |
| LOTRA , Doriana Daniela Martins | <i>Environmental Studies</i> |
| LOUBOUKA , Ashanti | <i>Environmental Studies</i> |
| LUTHULI , Zama Potia | <i>Geographic Information System and Remote Sensing</i> |
| MAFIRI , Legadimane Kgaogelo | <i>Geophysics</i> |
| MAHARAJ , Vyusti | <i>Archaeology</i> |
| MAHOMED KHAN , Zeenat | <i>Geography, Archaeology and Environmental Studies</i> |
| MAINE , Lisemelo Asnett | <i>Geology</i> |
| MAKGOBATLOU , Pelewe Charity | <i>Environmental Studies</i> |
| MARIVATE , Landiwe Kholeka Mercedes | <i>Geography</i> |
| MASUNGWINI , Sentle Poloko | <i>Environmental Studies</i> |
| MBATHA , Shantell Noxolo | <i>Environmental Studies</i> |
| MISTRY , Sanam Jayant | <i>Geography</i> |
| MKHABELA , Pusheletso Sebotja | <i>Geology</i> |
| MKHIZE , Sanchia Samukelisiwe | <i>Geographic Information System and Remote Sensing</i> |
| MLABA , Nokusho Ziyandiswa | <i>Geography, Archaeology and Environmental Studies</i> |
| MNGOMA , Maggie Busisiswe | <i>Geology</i> |
| MOHAFA , Lebohang Lisbeth | <i>Geology</i> |
| MOKOMELA , Katlego | <i>Geology</i> |
| MOLOTO , Matshuene Precious | <i>Environmental Studies</i> |
| MOREWANE , Kgomogoroga Kevin Koketso | <i>Geographic Information System and Remote Sensing</i> |
| MOTEKA , Ofentse Karabo | <i>Environmental Studies</i> |
| MOTHIBE , Ntebogeng Raisibe | <i>Geology</i> |
| MOTSETA , Khanyisile Maluse | <i>Environmental Studies</i> |
| MUDAU , Mpho Phylisia | <i>Geography</i> |
| MUNANGO , Rachel Nahango Wendy | <i>Geophysics</i> |
| MURAVHA , Mulisa Maria | <i>Geology</i> |

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| NAGEL , Inge Marion | <i>Palaeontology</i> |
| NAMBILI , Johanna | <i>Geophysics</i> |
| NCIKAZI , Nothando | <i>Geology</i> |
| NKOSI , Andiswa | <i>Environmental Studies</i> |
| NKUNA , Bongekile Sharon | <i>Environmental Studies</i> |
| O'CALLAGHAN , Declan Anthony | <i>Geology</i> |
| PILLAY , Denae Nicolene | <i>Environmental Studies</i> |
| PILLAY , Matthew | <i>Geology</i> |
| POLLA , Wilika Ndeapo | <i>Geophysics</i> |
| RAMONTI , Reitumetse Caroline | <i>Geology</i> |
| SEBOYANA , Basetsana | <i>Environmental Studies</i> |
| SHEKUNYENGE , Monica Ndahambelela | <i>Geophysics</i> |
| SHONGWE , Zethu Tematimandze | <i>Archaeology</i> |
| SINGH , Varya | <i>Environmental Studies</i> |
| TEBELE , Carseddy | <i>Geology</i> |
| TSHIPALA , Muano | <i>Geology</i> |
| XWAZI , Zimkitha | <i>Geology</i> |
| ZAMA , Langelihle Uchenna | <i>Environmental Studies</i> |
| ZUMA , Noluthando Thabisile Philisiwe | <i>Geography</i> |

Bachelor of Science

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|---|
| ADEBAMOWO , Khumo Oluwatoyin |
| COWLING , Ethan James |
| DUBAZANA , Nomcebo |
| ELLIS-CLARKE , Sarah Michele (<i>with Distinction</i>) |
| GANESH , Temira |
| GOVENDER , Keshlyn |

GUMBO, Ruth Ashley
HIGGINSON, James Wesley (*with Distinction*)
IQBAL, Mohammed Zareef
KELLY, Zara Natasha
KHALO, Prudence Molly Mapula
KHAMBULE, Nosipho Xolile
KOOVERJEE, Darshan
LEPUTU, Madiala
MAGAELA, Manku Masego
MAGO, Lungile
MAHLANGU, Casey Londiwe
MAHLATJI, Kgetho Mogwashi
MAKGOBATLOU, Pelewe Charity
MAKHASI, Sizakhele Ishmael
MAKOKOMALE, Kgomotso
MAKOLODA, Gugulethu Olympia
MAMOGOBO, Princess
MASHABA, Zandile
MATEE, Keabetswe
MATHEBULA, Regina
MAUTSA, Tanatswa Chengetai
MEYIWA, Nomkhosi Anele
MFEKA, Nomfanelo Nomathemba
MKUZO, Andiphile
MOKOENA, Ntokozo Camilla
MOLAPISI, Otsile Christinah
MOLEFE, Seleka Naphtely

MONGWE, Nhlamulo Shaleen
MOTALA, Karabo Julia
MOTSHEGWA, Atlegang Paul
MPEPANDUKU, Asenathi
MPHARA, Dembe Imargin
MSEZANE, Ntsika Mandlenkosi
MSIBI, Philasande
MSOMI, Anelisa
MTEBULE, Dzunisani Jessica
MTHETHWA, Nomkhosi
NAIR, Kiana
NARAYANASAMI, Christelle
NDHLOVU, Thando Sanelisiwe
NDLOVU, Ntokozo Linah
NDLOVU, Sibongakonke Bayanda
NDOBE, Ntsako Nokukhanya
NGOBENI, Michelle
NGWENYA, Grace Miya
NKETLE, Thenjiwe Khanyisile
NOGENGA, Uviwe Emihle
NXASANE, Sthabile
PENYENYE, Tumelo Pleasure
PETKAR, Nabeel
PHASWANE, Mensacia Meekadi
RAMAKOALIBANE, Reaoboka
RAYNARD, Zoë Leighann
RITCHIE, Hannah Grace (*with Distinction*)

SEAGA, Katleho Johannes

SITHOLE, Solomon Junior

SKUNDLA, Lelethu Thando

SLAMBEE, Georgelyn

SMITH, Jazmin Logan

THATCHER, Adam William

THULO, Mophethe Charles

UWUBANMWEN, Quinton-John Osamudiamwen

ZULU, Nontobeko Pumeza