



FOUNTAINHILL ESTATE (PTY) Ltd



Institute of
Natural Resources



UNIVERSITY OF
KWAZULU-NATAL™
INYUVESI
YAKWAZULU-NATALI

CTAFS
Centre for Transformative
Agricultural and Food Systems

FOUNTAINHILL ESTATE'S Sixth Research Symposium

CONFERENCE PROGRAMME

*Managing and Rehabilitating the Environment for
Biodiversity Optimisation*

19 & 20 October 2022

FOUNTAINHILL ESTATE, WARTBURG

DAY 1 – 19 OCTOBER 2022

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| 08h00 | REGISTRATION | PHYSICAL RESOURCES |
| 09h00 | KEYNOTE ADDRESS “What does Charles Darwin have to do with agriculture? Evolutionary solutions to the crop pollination crisis.” <i>Professor Timotheus van der Nielt Centre for Functional Biodiversity, University of KwaZulu-Natal</i> | |
| | CLIMATE | |
| 09h50 | Climatic variation under protective hail netting <i>Bruce Scott-Shaw Greenstamp</i> | |
| 10h10 | VIRTUAL PRESENTATION: The interconnections between climate change, fruit production for the export markets, and rural communities. <i>Diana Feliciano Institute of Biological and Environmental Sciences, School of Biological Sciences, University of Aberdeen.</i> | |
| 10h30 | TEA | |
| | BIRDS | BIODIVERSITY |
| 11h00 | The Southern Bald Ibis a vulnerable and threatened species <i>Carina Pienaar EWT</i> | |
| 11h20 | Managing the environment for raptor diversity optimization on Fountainhill Estate <i>Tammy Caine FreeMe Wildlife</i> | |
| 11h40 | PRE-RECORDED with either VIRTUAL or LIVE attendance by Melissa Whitecross for Q&A discussion The corvid population explosion its impact on biodiversity and possible management interventions <i>Christiaan Brink Birdlife SA</i> | |

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| | REPTILES | |
| 12h00 | PRE-RECORDED PRESENTATION with VIRTUAL ATTENDANCE for Q&A Screening of Reptiles and associated ticks for bacterial tick-borne pathogens <i>RV van Breda & Cormac Price UKZN/Univ Potch.</i> | BIODIVERSITY |
| 12h20 | A 3-year survey of Herpetofauna on Fountainhill Estate <i>Cameron Cormac Centre for Functional Biodiversity, University of KwaZulu-Natal</i> | |
| 12h40 | Aspects of the urban and rural ecology of Nile monitors (<i>Varanus niloticus</i>) in KwaZulu-Natal, South Africa <i>Euan Genievr Centre for Functional Biodiversity, University of KwaZulu-Natal</i> | |
| 13h00 | LUNCH BREAK | |
| | MAMMALS | |
| 14h00 | A 3-year survey of Small Mammals on Fountainhill Estate <i>Cameron Cormac Centre for Functional Biodiversity, University of KwaZulu-Natal</i> | BIODIVERSITY |
| 14h20 | Preliminary findings on bat species at Fountainhill Estate <i>Michaela White FreeMe Wildlife</i> | |
| 14h40 | Jointly managing and rehabilitating the Bisley Nature Reserve: Lessons & Challenges <i>Adrian Nel Discipline of Geography, University of KwaZulu-Natal</i> | BIODIVERSITY INITIATIVES |
| 15h00 | The continuation of the conservation corridor downstream of CUPA, along the uMgeni River-Successes & Challenges <i>Steve McKean & Brigid Letty Conservation Outcomes & Institute of Natural Resources</i> | |

DAY 2 - 20 October 2022



DAY 2 – 20 OCTOBER 2022

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| 08h30 | <p>PANEL DISCUSSION Chaired by Jon Mc Cosh - <i>Institute of Natural Resources</i> Ecological Restoration in Practice: How do we walk the talk? <i>Mahlodi Taus SANBI; Patrick Bond University of Johannesburg; Nicky McCleod/Sissie Matela Environmental and Rural Solutions; Bennie van der Waal Geomorph Africa; Errol Douwes Ethekewini Municipality; Heila Lotz-Sisitka Rhodes University</i></p> | REHABILITATION |
| 10h00 | <p>VIRTUAL PRESENTATION: Biological Control of Invasive Water Lily <i>Megan Reid Rhodes University</i></p> | |
| 10h20 | <p>Rangeland condition trends in the central Umgeni catchment and its impact on land use <i>Cobus Botha KwaZulu-Natal Department of Agriculture & Rural Development</i></p> | AGRICULTURE |
| 10h40 | TEA | |
| 11h10 | <p>VIRTUAL PRESENTATION: <i>Rosellina necatrix</i> on avocado in South Africa <i>Noelani van den Berg Hans Merensky Chair in Avocado Research, FABI, University of Pretoria</i></p> | AGRICULTURE |
| 11h30 | <p>Provisional results of the Bulk Grazing Trial, as a management intervention, on Fountainhill Estate: 2020/21 and 2021/22 <i>Priscilla Dent Citizen Science</i></p> | |
| 11h50 | <p>Preliminary Findings of the benefits of a hail net protective covering for avocado <i>Edwin Gevers Fountainhill Estate</i></p> | |
| 12h10 | <p>Forests, foraging and food <i>Mallika Sardeshpande Centre for Transformative Agricultural & Food Systems, University of KwaZulu-Natal</i></p> | |
| 12h30 | <p>Fountainhill Estate: A case study of integrated management as a marketing mechanism <i>David Farrell Blue North</i></p> | MANAGEMENT PHILOSOPHY |

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| 12h50 | <p>Understanding of relationships between environmental rights, natural resources management, and gender in rural, urban, and peri-urban environments towards sustainable livelihoods and development</p> <p><i>Susan Tsvuura</i> Centre for Transformative Agricultural & Food Systems, University of KwaZulu-Natal</p> | MANAGEMENT PHILOSOPHY |
| 13h10 | LUNCH BREAK | |
| 14h00 | <p>The development of a management tool for the CUPA members</p> <p><i>James Wood & Craig Saunders</i> GreenMap & Quartex</p> | TECHNOLOGY |
| 14h20 | <p>VIRTUAL PRESENTATION: The Holley Shelter Excavation - 70 years on</p> <p><i>Gregor Bader</i> Tübingen University, Germany</p> | ANTHROPOLOGY |
| 14h40 | <p>The Rock Art of the Holley Shelter documented</p> <p><i>Jeremy Hollman</i> KZN Natural History Museum</p> | |
| 15h00 | <p>Research-led community engagement in the palaeosciences: A case study presenting a Science Spaza educational comic and activity worksheet, and supporting short videos</p> <p><i>Jemma Finch</i> School of Agricultural, Earth and Environmental Sciences (SAEES), University of KwaZulu-Natal</p> | |
| 15h20 | Thanks & Closure | |

Click here   TO REGISTER

***IN-PERSON ATTENDANCE WILL ATTRACT A FEE OF R100 p/p PER DAY**

