

6th Southern African Marine Linefish Symposium



PROGRAMME

| Monday, 19 th August 2024: Arrival | |
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| Time | Event |
| 13:30 | Conference registration (desk open until 18:00) |
| 14:00 | Linefish & Netfish Scientific Working Group Meeting (to be confirmed) |
| 15:00 | Innovasea equipment demonstration (all welcome) |
| 18:30 | Ice-breaker |
| Tuesday, 20 th August 2024: First day of conference talks | |
| Time | Event |
| 08:00 | Welcome (Mann) |
| 08:30 | House rules and keynote introduction (Mann) |
| 08:45 | Keynote address: Colin Attwood - Population dynamics from 40 years of monitoring fish in the De Hoop MPA |
| 09:30 | <i>Session I - Fish movement studies (Chair: Daly)</i> |
| 09:30 | Talk1: Murray - How acoustic telemetry can aid in management of important linefish species |
| 09:45 | Talk2: Dixon - Longshore movements of giant kingfish |
| 10:00 | Talk3: Mann - Movement patterns of white musselcracker |
| 10:15 | Talk4: Knight - Movement behaviour of dusky kob |
| 10:30 | Tea time |
| 11:00 | <i>Session II - Fish movement studies (Chair: Murray)</i> |
| 11:00 | Talk5: Mukhari - Movement and habitat use of the Kowie Estuary by four mullet species |
| 11:15 | Talk6: Pollard - Movement of blacktail in a shallow rocky cove |
| 11:30 | Talk7: Gennari - Smoothhound shark movements |
| 11:45 | Talk8: Zaza - Learning to detect anomalies in acoustic telemetry data with unsupervised learning |
| 12:00 | Innovasea presentation |
| 13:00 | Lunch |
| 14:00 | <i>Session III - Life history and ecological studies (Chair: Fennessy)</i> |
| 14:00 | Talk9: Adams - Mapping essential habitats of seventy-four |
| 14:15 | Talk10: Mohamed - Description of growth, reproduction and feeding of the false jacoever |
| 14:30 | Talk11: Hempel - Physiological metrics to inform classification of phenotypes using dusky kob |
| 14:45 | Talk12: James - Seagrass density and macroalgal heterogeneity influence nursery quality for sparids |
| 15:00 | Talk13: Veii - Long-term growth rate changes of west coast steenbras caught by Namibian anglers |

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| 15:15 | Tea time |
| 15:45 | <i>Session IIV - Monitoring estuaries and MPAs (Chair: James)</i> |
| 15:45 | Talk14: Dixon - Mystery of giant kingfish aggregation in Mtentu Estuary |
| 16:00 | Talk15: Dames - Port of Ngqura: Concrete seascapes and the fish that took advantage of them |
| 16:15 | Talk16: Nodo - Linefish nursery areas in Algoa Bay and their response to dissolved oxygen |
| 16:30 | Talk17: Swart - Galjoen CPUE in exploited and unexploited zones of the Table Mountain MPA |
| 16:45 | End – back to accommodation |
| 19:00 | Linefish quiz evening (Chaired by Romina Henriques) |

| Wednesday, 21st August 2024: Second day of conference talks | |
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| Time | Event |
| 08:00 | Admin and keynote introduction (Potts) |
| 08:30 | Keynote address: Kieran Hyder - Embedding marine recreational fisheries in stock assessment and management |
| <i>09:15</i> | <i>Session V - Fisheries monitoring (Chair: Farthing)</i> |
| 09:15 | Talk18: Winkler - Utility of recreational fishing competition data to monitor coastal elasmobranchs |
| 09:30 | Talk19: Rowell & van Huyssteen - Estimating natural mortality of dusky kob from length-frequency data |
| 09:45 | Talk20: da Silva - Applying deep learning methods to electronic monitoring data: automated catch event detection for longline fishing |
| 10:00 | Talk21: Hewett - Comparisons of current and historical catch rates in the marine recreational shore fishery |
| 10:15 | Talk22: Lamberth - Monitoring and measuring illegal gillnet catches in South Africa |
| 10:30 | Tea time |
| <i>11:00</i> | <i>Session VI - Fisheries management (Chair: Winkler)</i> |
| 11:00 | Talk23: Potts - Review of recreational fisheries research to identify critical revisions needed to improve governance |
| 11:15 | Talk24: Kerwath & Yemane - The South African linefishery in 2024 - An overview |
| 11:30 | Talk25: Kerwath & Yemane - The South African linefishery in 2024 - An overview |
| 11:45 | Talk26: Farthing - Global systematic review of the lethal and sublethal impacts of catch-and-release fishing |
| 12:00 | Talk27: Bova - Informal synergy between subsistence and recreational fishers on the Wild Coast |
| 12:15 | Talk28: Rees - Development of a management strategy for ETP species in the tuna pole-and-line fishery |
| 12:30 | Talk29: Wilhelm - Growth rates of west coast steenbras in Namibia using different approaches |
| 12:45 | Lunch |
| <i>13:45</i> | <i>Session VII - Angler engagement (Chair: Mann)</i> |
| 13:45 | Talk30: Jordaan - The ORI Cooperative Fish Tagging Project - celebrating 40 years down the line |
| 14:00 | Talk31: Mann-Lang - What about the taggers? |

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| 14:15 | Talk32: Munting - Understanding the impacts of MPAs on the commercial linefishing sector in KZN |
| 14:30 | Talk33: Gusha - Key research areas to promote co-management and sustainability of the Namibian marine recreational fishery |
| 14:45 | Talk34: Winkler - Use and abuse of social media in the management of the South African marine recreational linefishery |
| 15:00 | Talk35: Lehloenya - Catch-and-release norms, attitudes and perceptions in the South African marine recreational shore fishery |
| 15:15 | Tea time |
| 16:00 | <i>Session VIII - Genetics (Chair: Duncan)</i> |
| 16:00 | Talk36: Henriques - Using molecular data in connectivity and forecasting studies on marine coastal fishes in South Africa |
| 16:15 | Talk37: Groeneveld - Insights from genetic and ecological knowledge for conservation management of rhino rays |
| 16:30 | Talk38: Olivier - Re-assessment of genetic diversity and connectivity of recreational linefish species in South Africa |
| 16:45 | End – back to accommodation |
| 19:00 | Celebration of the 40th year of the ORI-Cooperative Fish Tagging Project |

| Thursday, 22nd August 2024: Third day of conference talks | |
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| Time | Event |
| 08:00 | Admin and keynote introduction (Childs) |
| 08:30 | Keynote address: Philile Mbatha - Fish, fishers and the future: a spotlight on small-scale fisheries |
| 09:15 | <i>Session IX - Climate change (Chair: Childs)</i> |
| 09:15 | Talk39: Potts - Promoting fish of the future - Developing a strategy to mitigate the impact of climate change on our linefish populations |
| 09:30 | Talk40: Wilhelm - Growth rate extremes of a sciaenid in an ocean warming hotspot |
| 09:45 | Talk41: Duncan - A new physiological model to forecast the climate response of linefish |
| 10:00 | Talk42: van Heerden - Can thermal metabolic information predict fish behaviour observed on BRUVs? - A case study on fransmadam |
| 10:15 | Tea time |
| 10:45 | <i>Session X - Climate change (Chair: Potts)</i> |
| 10:45 | Talk43: Daly - Living on the edge: climate change induced intensification of upwelling impacts on threatened species at their range limit |
| 11:00 | Talk44: Frachet - Thermal tolerance of wild caught dusky kob |
| 11:15 | Talk45: Ngcefa - Development of ecological niche models to predict future distribution of blacktail |
| 11:30 | Talk46: Mlotshwa - Assessing the effects of exploitation on the activity of roman in a thermally variable environment |
| 11:45 | Talk47: Ziko - Adaptability to climate change induced temperature changes and behavioural responses of two estuary dependent mugilids |
| 12:00 | Talk48: Edworthy - The influence of habitat association on the tolerance of coastal fish to future acidification |
| 12:15 | Talk49: MacKenzie - Increasing thermal variability may reduce the survival of larval blacktail |
| 12:30 | Lunch |
| 13:45 | <i>Session XI - Fisheries (Chair: Mann-Lang)</i> |

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| 13:45 | Talk50: Childs - Project CAREZONE: An approach to assess spatial connectivity of South Africa's marine shore-based linefish species |
| 14:00 | Talk51: Greenwood - Linefish bycatch in the trawl fishery: trends, areas and species associations |
| 14:15 | Talk52: Farthing - A conservation strategy to halt the decline of kob populations in South Africa |
| 14:30 | Talk53: Wilhelm - Two decades of catch trends of 5 teleost species in the recreational shore fishery in Namibia |
| 14:45 | Talk54: Fennesy - Fishy business in Richards Bay |
| 15:00 | Talk55: Mmonwa - SASSI rating of the linefishery: theoretical scoring or practical improvement |
| 15:15 | Tea time |
| 15:45 | Session XII - Genetics (Chair: Henriques) |
| 15:45 | Talk56: van Staden - From west to east: genetic diversity and population structure of two endemic <i>Acroteriobatus</i> species |
| 16:00 | Talk57: Ntuli - Genomic implications of hybridization in the southern African kobs (<i>Argyrosomus</i> spp.) |
| 16:15 | Talk58: Ndou - Assessing the role of MPAs in maintaining evolutionary resilience in roman <i>Chrysoblephus laticeps</i> |
| 16:30 | Conference wrap up (Mann) |
| 16:45 | End – back to accommodation |
| 19:00 | Gala dinner |

Friday, 23rd August 2024: LinefishConnect Workshop

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| 08:00 | Welcome - background and intention of the workshop |
| 08:30 | Introduction from management and conservation agencies |
| 09:30 | Introduction on datasets available from scientists |
| 10:15 | Tea time |
| 10:30 | Facilitated session |
| 12:30 | Closing and way forward |
| 13:00 | End of workshop |