

Programme

MEDECOS 2022

05 - 09 SEPTEMBER 2022

SOUTH AFRICA
LANGEBAAN, WESTERN CAPE
CLUB MYKONOS



hosted by Fynbos Forum



MEDECOS 2022
XV11

CLUB MYKONOS, LANGEBAAN
05 - 09 SEPTEMBER



Monday 5 September 2022

07h30-08h15	Arrival and coffee - Registration	
08h15-08h45	Welcome (Hall 1) Martina Treurnicht (Chairperson), Adriaan Grobler (Vice-Chair)	
08h45-09h15	KEYNOTE 1 - KAREN ESLER: Spotlight on Mediterranean-Type Ecosystems: Model systems for global change comparisons, regional and local responses	
09h15-09h45	KEYNOTE 2 - ANTON PAUW: Ecology of the West Coast of Southern Africa	
09h45-10h15	Tea break	
	Parallel session (Hall 1) - SYMPOSIUM	Parallel session (Hall 2) - SYMPOSIUM
10h15-12h15	SYMPOSIUM 1: Sara Palacio & Robert Boyd - Plant life on atypical substrates in MTEs	SYMPOSIUM 2 (ONLINE): Brent Mishler & Pablo Vargas Gomez - Spatial Phylogenetics of Mediterranean-type Regions of the World
12h15-13h30	LUNCH BREAK	
13h30-14h00	KEYNOTE 3 - TONY VERBOOM: Vegetation of the Greater Cape Floristic Region: a floristic perspective Symposium session (Hall 1)	Conference Interview Session- Ongoing throughout the conference Foyer
14h00-15h30	SYMPOSIUM 3 Muthama Muasya, Jasper Slingsby, Tony Verboom - Pan-African MTEs – Integrating multiple dimensions of diversity towards understanding the diversity, ecology, evolution and conservation of MTEs in Africa	Sierra Standish: Oral history project - The Mediterranean-type Ecology Network Oral History Project (IN PERSON)
15h30-16h15	Tea break	
	Parallel session (Hall 1) - Session chair: Jasper Slingsby, Martina Treurnicht	Parallel session (Hall 2) - Session chair: Karen Esler, Stuart Hall
16h15-17h21	THEMATIC SESSION: Big data & Biodiversity challenges for a shifting future	THEMATIC SESSION: Fire-driven evolution of MTE floras
17h21-18h30	Short talk (10mins) by Loubie Rusch (in-person) - SUCCESSES AND GAPS ON A JOURNEY OF RE-INTEGRATING THE CAPE'S FORGOTTEN FOODS INTO LOCAL FOODWAYS WELCOMING FUNCTION: LOUBIE RUSCH (Making KOS)	

Tuesday 6 September 2022

07h30-08h00	Arrival and coffee	
08h00-08h30	KEYNOTE 4 - RUPERT KOOPMAN: Upcycling the past to shape the present and future of Plant Conservation	
08h30-09h00	KEYNOTE 5 - JASPER SLINGSBY: Tracking and forecasting change in the Cape Floristic Region	
09h00-09h30	Tea break	
	Parallel session (Hall 1) - Session chair: Andrew Turner, Dewidine Van Der Colf	Parallel session (Hall 2)
09h30-11h06	THEMATIC SESSION (TH_C1): Invasive alien species and their control in MTEs	SYMPOSIUM 4: Jasper Slingsby et al. Advances in Remote Sensing of Biodiversity in Mediterranean-Type Ecosystems
11h06-11h20	Short break	
	Parallel session (Hall 1)	Parallel session (Hall 2)
11h20-13h20	WORKSHOP 1: Alanna Rebelo & Karen Esler - Fynbos Restoration Workshop: The latest strategy and tools for practitioners	SYMPOSIUM 5: Helen de Klerk, Zahn Munch & Vernon Visser - Using remote sensing to understand and manage Mediterranean Type Ecosystems
13h20-14h30	LUNCH BREAK	
	Parallel session (Hall 1) - Session chair: Mashudu Nndanduleni, Adriaan Grobler	Parallel session (Hall 2)
14h30-16h00	THEMATIC SESSION (TH_C1 continued): Restoration of Mediterranean shrublands and rivers	SYMPOSIUM 6: Lindsey Gillson et al. - Using Long-term data to Conserve and Manage Mediterranean Type Ecosystems
16h00-16h30	Tea break	
	Workshop Session (Hall 1)	Printed Poster Session 3 (continued)
16h30-18h30	WORKSHOP 2: Wihan Bekker, Karen Esler et al. (Hybrid Workshop) - Moving from the stick to the carrot, an approach to improved fire management of Mediterranean Ecosystems (Zoom link provided)	
18h30-19h00	NETWORKING SESSION AND SOCIAL FUNCTION: Odette Curtis, Grant Forbes et al. (short film; in-person session) - The Overberg Renosterveld Conservation Trust: Celebrating 10 years of Renosterveld Conservation	
19h00-TILL LATE	DINNER AND DISCO EVENING	

Wednesday 7 September 2022

07H30-08H00	Arrival and coffee	
08H00-08H30	KEYNOTE 6 - JACO LE ROUX: How do soil microbes drive and respond to plant invasion in Mediterranean ecosystems?	
08H30-09H00	KEYNOTE 7 - MINGZEN LU: Biome boundary maintained by intense belowground resource competition in world's thinnest-rooted plant community (ONLINE)	
09H00-09H30	Tea break	Printed Poster Session 4
	Parallel session (Hall 1) - Session chair: Anina Coetzee, Sjirk Geerts	Parallel session (Hall 2) - Session chair: Rupert Koopman, Andrew Turner
09h30-10h42	THEMATIC SESSION (TH__D1): Biodiversity & species interactions	THEMATIC SESSION (TH__B1): Specialised species, habitats and their conservation
10H45-11H15	Tea break Conference Yoga	
	Parallel session (Hall 1)	Parallel session (Hall 2)
11H15-13H15	WORKSHOP 3: Lesley Richardson et al. Building on 20 years of CAPE – how participant-driven evaluation and planning provided a new platform for the CFR community	WORKSHOP 4: Julia Wood, Pippin Anderson, Bongani Mnisi - Consider the Mediterranean shrubland: What is effective conservation action?
13H15-13H30	PACKED LUNCH AND DEPARTURE FOR FIELD TRIPS	
13H30-16H30	<p>LOCALLY ORGANISED FIELD TRIPS - Sign up for your field trip on the website (https://medecos2022.org/wednesday-field-trip/):</p> <ol style="list-style-type: none"> Field Trip 01: Coastal Dunes - Adriaan Grobler, Richard Cowling Field Trip 02: !Kwa ttu San Heritage Centre Field Trip 03: Botanical Society of South Africa and CREW (Custodians of Rare and Endangered Wildflowers) Langebaan Flowers Field Trip 04: Berg River Estuary Field Trip 05: History of the Cape West Coast Biosphere Reserve - Annique Umans Field Trip 06: Balancing development and biodiversity needs in the Langebaan / Saldanha Bay area (Facilitators: CapeNature and the Department of Environmental Affairs and Development Planning) 	
16h30-17h30	THE FYNBOS FORUM ANNUAL GENERAL MEETING (everyone welcome!) - Martina Treurnicht, Adriaan Grobler (Chairperson & Vice-Chair of the Fynbos Forum NPC)	

Thursday 8 September 2022

	Welcome and announcements Conference Yoga	
08H00-08H30	KEYNOTE 8 - FRANK SCHURR: Macrodemography – how large-scale biodiversity dynamics arise from the reproduction, mortality and dispersal of individuals	
08H30-09H00	KEYNOTE 9 - ROB SALGUERO-GOMEZ: In the search for demographic oddities and their role in ecology, evolution and conservation biology (ONLINE)	
09H00-09H30	Tea break	Printed Poster Session 5
	Parallel session - SYMPOSIUM	Parallel session - Session chair: Stuart Hall, Dewidine van der Colff
09H30-11H10	SYMPOSIUM 7: Treurnicht, M. & Schurr FM et al. - Macrodemography	THEMATIC SESSION (TH__D2): Biodiversity & species interactions
11h10-11h30	Short break	
	Parallel session - Session chair: Karen Esler, Martina Treurnicht	Parallel session - Session chair: Kirsten Watson, Adriaan Grobler
11H30-12H30	THEMATIC SESSION (TH__E): Demography, population dynamics and biogeography of MTE's	THEMATIC SESSION (TH__D2): MTE conservation needs and actions
12H30-13H45	LUNCH BREAK	
13H45-14H15	KEYNOTE 10 - WENDY FODEN: Responding to climate change impacts in Mediterranean ecosystems: challenges and opportunities	
14H15-16H15	SYMPOSIUM 8: Stephen Jackson, Nicola van Wilgen & Wendy Foden - Climate change adaptation: Understanding impacts and vulnerability and taking conservation action	
16H15-16H35	Tea break	
	Parallel Session - Session chair: Adriaan Grobler, Stuart Hall	Parallel session - Session chair: Rupert Koopman, Kirsten Watson
16H35-17H47	THEMATIC SESSION: Ecophysiology and Functional traits - functioning and resilience of MTEs	THEMATIC SESSION (TH__F): MTEs as socio-ecological systems THEMATIC SESSION (TH__C1 continued): Restoration of Mediterranean shrublands and rivers

Friday 9 September 2022

08H00-08H30 **KEYNOTE 11** - KERSTIN BRAUN: Climatic stability recorded in speleothem stable isotopes affects diversity of Mediterranean climate regions

08H30-08H50 Tea break

Parallel session

Parallel session

08H50-10H50 **SYMPOSIUM 9**: C Marean, R Cowling et al. - The Palaeo-Agulhas Plain Revises our Understanding of the Cape Floristic Region

SYMPOSIUM 10: Global Forest Communicators Network (supported by UN FAO) - Are u being heard ? The power of effective communication

Short break 5 mins

WORKSHOP 5

S Geerts, Shaw, K. et al. (IN PERSON) - The development of a planting protocol for indigenous plant species: Preventing cross pollination in the South African honeybush as a case study

10H50-11H10 Tea break

Parallel session - Session chair: Anina Coetzee

Parallel session

11H10-12H10 **THEMATIC SESSION**: Current biodiversity conservation challenges for a shifting future - habitat restoration and fragmentation

E-Poster Session (Pre-recorded and live QnA)

12H10-12H20 Short break

12H20-12H50 **KEYNOTE 12** - KATHLEEN KAY: Divergent edaphic adaptation promotes speciation, coexistence, and persistence in the California flora

12H50-13H20 **KEYNOTE 13** - ALEXANDRA SYPHARD: Unraveling the complex effects of global change on altered fire regimes in California

13H20-14H00 **LUNCH BREAK & CLOSING FUNCTION, PRIZES** (Combined with Lunch break)

Scientific Programme Committee

- Martina Treurnicht (SU)
- Karen Esler (SU)
- Jasper Slingsby (UCT)
- Adriaan Grobler (NMMU)
- Prof Adam West (UCT)
- Prof J Stephen Boatwright (UWC)
- Prof Tony Verboom (UCT)
- Dr Alistair Potts (NMMU)
- Prof Bruce Anderson (SU)
- Prof Sjirk Geerts (CPUT)

Local Organising Committee - Fynbos Forum Custodian Members

- Denisha Anand
- Andrew Turner
- AnneLise Vlok
- Antoinette Veldtman
- Bongani Mnisi
- Caroline Gelderblom
- Anina Coetzee

- Dave Le Maitre
- Karen Esler
- Marlene Laros
- Malukhanye Mbopha
- Rupert Koopman
- Stuart Hall
- Carla Wood
- Tessa Oliver
- Julia Wood
- Jasper Slingsby
- Monique Ruthenberg
- Anisha Dayaram
- Odette Curtis
- Amanda Younge-Hughes
- Dewidine Van der Colff
- Donald Matjuda
- Sjirk Geerts
- Mashudu Nndanduleni
- Nicky Allsopp
- Kirsten Watson
- Adriaan Grobler (Vice-Chairperson)
- Martina Fynbos Treurnicht (Chairperson)
- Madaleen Schultheiss (Secretariat)

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CapeNature

DOWNLOAD CONGRESS APP HERE:



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