

ICMG24 PROGRAMME		
Day/Date	Time	Event Details
Sat, 08 June	All Day	Arrival of Delegates
Sun, 09 June	All Day	Arrival of Delegates
	18:00 - 20:00	Welcoming Function and Registration (Conference Foyer Area - Lord Charles Hotel & Conference Centre - Somerset Suite 1)
Mon, 10 June	08:30 - 08:55	Registration
	09:00 - 09:25	Welcoming Address by Prof Tshehla / Brig Gen De Castro
	09:30 - 10:00	Keynote Speaker: Prof Francis A. Galgano <i>Evolution and continuity in the scope of military operations: The emergence of effective sovereignty doctrine</i>
	10:00 - 10:25	Tea Break
	IN-PERSON PRESENTATION: SESSION 1 (Session Chair: Dr Ivan Henrico) <i>15min for presentation (Q&A after session)</i>	
	10:30 - 10:45	Jacques Bezuidenhout <i>The influence of geographical factors on the outcome of the Battle of Blood River, South Africa, 16 December 1838</i>
	10:50 - 11:05	Mark Reed <i>Environmental security revisited</i>
	11:10 - 11:25	Martin Riegl & Ronan Wordsworth <i>Why the right buzzwords do not work in Africa's emerging geopolitical frontiers</i>
	11:30 - 11:45	Loidi Shaamhula <i>Curriculum transformation of the Bachelor of Science in Military Science (Army) (Honours) Programme at the University of Namibia</i>
	11:50 - 12:05	Aldino Bondesan <i>From operation Mallory Major to Blockade: the pursuit of bridges precision bombing in Veneto region (Italy)</i>
	12:10 - 12:25	Rikus le Roux <i>Utilizing airborne platforms for gamma emission detection of radiation sources</i>
	12:25 - 12:35	Session Q&A
	12:35 - 13:35	Lunch Break
	IN-PERSON PRESENTATION: SESSION 2 (Session Chair: Dr Rikus le Roux) <i>15min for presentation (Q&A after session)</i>	
	13:40 - 13:55	Chris Fuhriman <i>A geographic analysis of Afghanistan's Shahi-kot Valley as a safe haven for insurgency</i>
	14:00 - 14:15	Susan Henrico <i>Strengthening resilience in the Global South: the strategic role of open source geospatial technologies in civil and military domains</i>
	14:20 - 14:35	Bohumil Doboš <i>The Wolf I Feed: Typology of the Wagner Group in Africa</i>
	14:40 - 14:55	Gerhard Herda <i>Climate change in the arctic, the military consequences and security implications (CLIMARCSEC)</i>
	14:55 - 15:05	Session Q&A
	15:05 - 15:35	Tea Break

Mon, 10 June	IN-PERSON PRESENTATION: SESSION 3 (Session Chair: Col (Dr) Chris Fuhriman) 15min for presentation (Q&A after session)	
	15:40 - 15:55	Ivan Henrico <i>Mapping the scars of conflict: A geospatial analysis of temporal changes in Ukraine's urban infrastructure</i>
	16:00 - 16:15	Maria Petriccione <i>Mine warfare in the dolomites: reconstruction of the Lagazuoi Front and its evolution during World War I</i>
	16:20 - 16:35	Louw Uys <i>Parametric ship rolling in the northern Agulhas Current: a case study</i>
	16:40 - 16:55	Babalwa Mtshawu <i>Accuracy comparison of ordinary kriging and IDW interpolation techniques in estimating naturally occurring radioactive materials</i>
	17:00 - 17:15	Joel Roskin (Online) <i>Combatting the coupling of underground and urban environments for offensive and defensive guerrilla/terror war-scale Hamas engagements from, and in the Gaza Strip, southern Israeli coast</i>
	17:15 - 17:25	Session Q&A
	17:25 - 17:35	Day's closing/Wrap-up
17:35 - 17:40	Committee meeting	
Tue, 11 June	08:00 - 08:25	Admin arrangements
	08:30 - 16:00	No academic programme Field trip: Robben Island Visit The bus departs at 08:30 from in front of the Lord Charles Hotel & Conference Centre. (packed lunch provided)
	16:30	Return to the Lord Charles Hotel and Conference Centre
Wed, 12 June	08:25 - 08:30	Admin arrangements
	Poster Presentations (All day) <i>Handin poster for display to the conference committee (Mr Sfundo Mbatha) at 08h15 - <u>Conference Venue</u></i>	
	VIRTUAL PRESENTATION: SESSION 1 (Session Chair: Col (Prof) Mark Read) 15min for presentation (Q&A after session)	
	08:35 - 08:50	Peter Imanuel <i>Modernizing national air forces in the 21st century: A comprehensive review from an African perspective</i>
	08:55 - 09:10	Peter Schmitz <i>Using Groth's pattern detection algorithm to detect possible landmine presence based on reflection changes of plants</i>
	09:15 - 09:30	Hermann Häusler <i>German geophysical investigations during the Second World War</i>
	09:30 - 09:35	Session Q&A
09:40 - 10:00	Poster Presentation Session	
10:00 - 10:25	Tea Break	

Wed, 12 June	VIRTUAL PRESENTATION: SESSION 2 (Session Chair: Cdr (Prof) Jacques Bezuidenhout) <i>15min for presentation (Q&A after session)</i>	
	10:30 - 10:45	Edward 'Ted' Rose <i>Gordon Lyall Paver (1913–1988): Pioneer of South African Military Geosciences in World War II</i>
	10:50 - 11:05	Peter Schmitz <i>Using GIS and public available data to determine coercion into marine wildlife poaching and piracy</i>
	11:10 - 11:25	Peter Doyle <i>Gallipoli 1915: from 'forcing the Dardanelles' to 'evacuating the beaches'</i>
	11:30 - 11:45	Peter Guth <i>Using ESA Sentinel satellite imagery and online analysis to track battle damage and population forced relocations</i>
	11:50 - 12:05	Aphelele Mgabisa (Doctoral Student) <i>A geospatial approach to monitor the impacts of climate change on water resources in South Africa</i>
	12:10 - 12:25	Tiaan Henrico, Zander Lourens & Dashlin Naidoo (Undergraduate Students) <i>Bi-temporal analysis of the effects of warfare on vegetation in Gaza</i>
	12:25 - 12:35	Session Q&A
	12:35 - 13:35	Lunch Break
	STUDENT PRESENTATION: SESSION 1 (Session Chair: Prof Frank Galgano) <i>15min for presentation (Q&A after session)</i>	
	13:40 - 13:55	Charlene Simataa (Doctoral Student) <i>Relationship between the spatial and temporal distribution of fishing vessels and marine environment in Namibia's Exclusive Economic Zone (EEZ)</i>
	14:00 - 14:15	Louis du Toit (Doctoral Student) <i>Assessing shoreline dynamics in Saldanha Bay: Unmasking changes and continuities through comprehensive remote sensing data and approaches for enhanced military geoscience applications</i>
	14:20 - 14:35	Nomcebo Mathebula (Masters Student) <i>Geospatial analysis for detection and distribution of sinkholes at the School of Tactical Intelligence in Potchefstroom, SA</i>
	14:40 - 14:55	Sfundo Mbatha (Masters Student) <i>A spatial-temporal and geospatial analysis of transnational crimes on Rhino poaching in Kruger National Park from 2007-2023</i>
	14:55 - 15:05	Session Q&A
	15:05 - 15:35	Tea Break
	STUDENT PRESENTATION: SESSION 2 (Session Chair: Dr Bohumil Doboš) <i>15min for presentation (Q&A after session)</i>	
	15:40 - 15:55	Lukhanyo Matiwane (Masters Student) <i>Analysing the sediment transportation of the port of East London using the SWAN model</i>
	16:00 - 16:15	Sipokuhle Nyembe (Masters Student) <i>Utilising geospatial tools for enhancing campus planning and facility management: digitising the Saldanha campus for SU</i>
	16:20 - 16:35	Kabelo Kortman (Masters Student) <i>Site selection for constructing a community-scale solar PV farm using analytical hierarchy process and geographic information systems: A case of Saldanha Military Area</i>
	16:35 - 16:45	Session Q&A
16:45 - 16:55	Day's closing/Wrap-up	
17:30 - 18:30	SEMINAR - "Russia in Africa: Anti- or Neocolonial Power?" <i>(Hosted by: The Embassy of the Czech Republic in South Africa & Charles University)</i> <i>Catering Included</i>	

Thu, 13 June	08:00 - 08:25	Admin arrangements
	08:30 - 14:30	No academic programme Field trip: Simon's Town Naval Base and IMT Armscor Visit The bus departs at 08:30 from in front of the Lord Charles Hotel & Conference Centre. (packed lunch provided)
	14:30	Return to the Lord Charles Hotel and Conference Centre
	17:00 - 20:00	Conference Dinner The bus departs at 16h30 from in front of the Lord Charles Hotel & Conference Centre for Stellenbosch (Root 44 Restaurant).
Fri, 14 June	08:30 - 08:35	Admin arrangements
	08:40 - 09:10	Keynote Speaker: Prof Hennie A.P. Smit <i>Thirty years of the ICMG conference series: history, significance and prospects</i>
	STUDENT PRESENTATION: SESSION 3 (Session Chair: Lt Col (Dr) Susan Henrico) <i>15min for presentation (Q&A after session)</i>	
	09:15 - 09:30	Wandile Mashaba (Masters Student) <i>Flood causes and possible mitigations: A case study of Airforce Base Durban in 2022</i>
	09:35 - 09:50	Kgomotso Botholo (Masters Student) <i>Utilizing results from previous studies in the Berg River and Kilindini Harbour to investigate and model sedimentation in East London Harbour</i>
	09:55 - 10:10	Mashudu Mathoho (Masters Student) <i>Assessing renewable energy readiness in military bases: a geospatial analysis of solar energy in the West Coast region of South Africa</i>
	10:10 - 10:15	Session Q&A
	10:15 - 10:45	Tea Break
Fri, 14 June	CLOSING - FINAL SESSION	
	11:00 - 12:00	IAMG AGM President/Chair: Prof Eric Mc Donald Secretary: Lt Col Drew Craig
	12:05 - 12:35	Conference closing/Wrap-up
	12:35 - 13:35	Lunch Break
	13:40 - 14:15	West Point Presentation - ICMG26 (Col [Prof] Mark Read
	14:20 - 14:40	Meeting for Delegates Attending the Post-Conference Excursion (<i>Lobby of the Lord Charles Hotel & Conference Centre</i>)
	14:45 - 15:45	Informal Closing Gathering with Snacks (Conference Foyer Area - Lord Charles Hotel & Conference Centre - Somerset Suite 1)
Sat-Thur, 15-20 June	Varied	Post-Conference Excursion Delegates attending the post-conference excursion depart at 09h00 from in front of the Lord Charles Hotel & Conference Centre.