



# HYDRO2015

23-25 NOV. 2015 CAPE TOWN  
DEVELOPING SUSTAINABLE HYDROGRAPHY IN AFRICA



## Hydro2015 Programme

### 21 November - Build-up

From	To	Event	Details	Venue
08h00	17h00		Exhibitor Buildup	

NONE

### 22 November - Build-up

From	To	Event	Details	Venue
08h00	17h00		Exhibitor Buildup	
12h00	17h00	Delegate & Exhibitor Registration		Exhibition Area

NONE

### 23 November - DAY 1

From	To	Event	Details	Venue	
07h30	09h00	Delegates Registration		Exhibition Area	
		Opening & Keynote Address			
09h00	09h10	Welcome	HSSA Chair welcome and opening address	Roof Terrace	Steve Smith
09h10	09h20	Welcome - IFHS Representative	Opening by IWMSA President	Roof Terrace	Rob Van Ree

09h20	09h30	Introduction to event	House rules, programme, notices	Roof Terrace	Marco Gilissen	NONE
09h30	10h30	Keynote Address	African 54 State Law of the Sea Summary	Roof Terrace	Robert van de Poll	
10h30	11h00	Tea		Exhibition Area		
		Plenary				
11h00	11h45	Plenary	The Seabed Survey Search for MH370 Malaysian Airline	Roof Terrace	Mark Roberts	
11h45	12h30	Plenary	The status and future of Hydrography in Southern Africa	Roof Terrace	Capt. Abri Kampfer	
12h30	14h00	Lunch		Exhibition Area		
		Session A				
14h00	14h30	Presentation	Case study - the error budget of the positioning equipment for a sea mining vessel	Meeting Room 2,41	Claus Jendrissek	
14h30	15h00	Presentation	Initial case study results of rights, restrictions and responsibilities in the coastal zone in the Langebaan Lagoon/Saldanha area	Meeting Room 2,41	Jennifer Whittall	
15h00	15h30	Presentation	Nippon Foundation / GEBCO Postgraduate Certificate in Ocean Bathymetry training program	Meeting Room 2,41	Rochelle Wigley	
15h30	16h00	Presentation	Supporting safer navigation with high resolution bathymetry	Meeting Room 2,41	Karen Cove	
16h00	18h00	Welcome Function		Exhibition Area		

**Boat Demonstrations**

15 min transport

See boat booking stand for details and to schedule demonstration

15 min transport

### 24 November - DAY 2

From	To	Event	Details	Venue			Event	Details	Venue		
		Session B					Session H				Boat Demonstrations
09h00	09h30	Presentation	How the "Long Walk" is helping Robben Island Museum delineate, understand and manage their 1 Nm exclusive zone	Meeting Room 2,41	Michael Robert MacHutchon						15 min transport
09h30	10h00	Presentation	Using hydrographic and geophysical techniques to map nearshore natural resources of the Cape Peninsula	Meeting Room 2,41	Wilhelm van Zyl	09h00	10h30	Workshop	FIG/IHO/ICA IBSC stakeholder seminar on Training and Education in Hydrography and Nautical Cartography	Meeting Room 2,44	Gordon Johnston
10h00	10h30	Presentation	Collection, management and integration of Source Data	Meeting Room 2,41	John Klippen						
10h30	11h00	Tea		Exhibition Area		10h30	11h00	Tea			
		Session C						Session I			See boat booking stand for details and to schedule demonstration

11h00	11h30	Presentation	GIS technology to increase safety and efficiency in maritime transport	Meeting Room 2,41	Michael Bergmann	11h00	11h30	Presentation	The introduction of Autonomous Surface Vehicles into Africa	Meeting Room 2,44	Genevieve Lindy Hornby	15 min transport		
11h30	12h00	Presentation	A Case Study in Capacity Building	Meeting Room 2,41	Wayne Reynolds	11h30	12h00	Presentation	Advances in GNSS Technology and it's Application to Tidal Derivation	Meeting Room 2,44	Tim Painter			
12h00	12h30	Presentation	Performance of Sonardyne USBL with tilted transceivers	Meeting Room 2,41	Neeltje van der Laan	12h00	12h30	Presentation	Advantages of Using Combined Swath Bathymetry and Side Scan Data in Survey Processing.	Meeting Room 2,44	Thomas Matthew Hiller			
12h30	14h00	Lunch		Exhibition Area		12h30	14h00	Lunch					Lunch	
		Session D						Session J					Boat Demonstrations	
14h00	15h30	Workshop	CARIS tools for high resolution bathymetry products	Meeting Room 2,41	Caris Workshop	14h00	14h30	Presentation	Innovative transducer design, improved hardware and signal processing: New generation ADCPs	Meeting Room 2,44	Ketil Horn		15 min transport	
						14h30	15h00	Presentation	New algorithm for multibeam imagery processing	Meeting Room 2,44	Andy Hoggarth		See boat booking stand for details and to schedule demonstration	
						15h00	15h30	Presentation	Extending Sea State Measurements from Wave Buoys to Vessels Underway	Meeting Room 2,44	Alexander Haerting			
15h30	16h00	Session E				15h30	16h00	Tea						15 min transport
		Session E						Session K						
16h00	16h30	Presentation	Application of land management principles to aid improved marine management systems	Meeting Room 2,41	Kovilen Reddy	16h00	16h30	Presentation	Recreating submerged landscapes using marine geophysics: case study from Mossel Bay, South Africa	Meeting Room 2,44	Hayley C. Cawthra; John S. Compton			
16h30	17h00	Networking session				16h30	17h00	Networking session				15 min transport		
19h00	23h00	Theme Dinner		Richards Supper Club		19h00	23h00	Theme Dinner		Richards Supper Club				

### 25 November - DAY 3

		Event	Details	Venue				Event	Details	Venue		
		Session F						Session L				Boat Demonstrations
09h00	09h30	Presentation	RTK Tides without a Heave Sensor	Meeting Room 2,41	Pat Sanders and Joseph Adamski	09h00	09h30	Presentation	Hydrographic Surveying and Coastal Zone Cadastres: Contributions to teaching and learning "B.Sc. Geomatics at UCT"	Meeting Room 2,44	Jennifer Whittal	15 min transport
09h30	10h00	Presentation	Very shallow water small craft geophysical survey to cover a large, remote area: Challenges and solutions	Meeting Room 2,41	Barry Lee Clifford	09h30	10h00	Presentation	Near-Real time data processing with CARIS Onboard	Meeting Room 2,44	Andy Hoggarth	See boat booking stand for details and to schedule demonstration
10h00	10h30	Presentation	dKart: from Bathymetric Data Management to Chart Products	Meeting Room 2,41	John Klippen	10h00	10h30	Presentation	The use of variable resolution surfaces in an efficient hydrographic workflow	Meeting Room 2,44	Charles de Jongh	
10h30	11h00	Tea		Exhibition Area		10h30	11h00	Tea				
		Session G						Session M				

11h00	11h30	Presentation	Can Africa achieve its maritime potential through collaboration with UK Academia?	Meeting Room 2,41	Dr. Jaimie Cross	11h00	11h30	Presentation	An overview of the performance increase and cost reduction benefits with the latest applications using the GyroUSBL Ranger 2 system	Meeting Room 2,44	Edward Moller	15 min transport
11h30	12h00	Networking session				11h30	12h00	Networking session				
12h00	12h30	Presentation	Competence for Professionals	Meeting Room 2,41	Dingena Theunisse	12h00	12h30	Presentation	Report on latest performance tests with the RIEGL VQ-880-G topo-bathymetric laser scanner	Meeting Room 2,42	Martin Pfennigbauer	
12h30	14h00	Lunch		Exhibition Area		12h30	14h00	Lunch		Lunch		
		Closing						Closing			Closing	
14h00	15h30	Plenary	IFHS in General HYDRO16 invitation	Meeting Room 2,41	Rob van Vee & Holger Klindt	NONE						
14h00	24h00	Exhibitor Breakdown										