



Annual online workshop of the SCAR Krill Action Group (SKAG)

7 to 11 March, 2022, 1500-1700 UTC

The SCAR krill action group intends to hold annual workshops to involve the SKAG community in progressing the group's objectives (<https://www.scar.org/science/skag/home/>).

Day 1 will provide updates from SKAG and related organisations (CCAMLR, ICED, MEASO, ARK and SIF) on Antarctic krill-related work.

Day 2 will focus on new data collection methods to support CCAMLR's conservation and krill fishery management work.

Day 3 will be hosted by the US AMLR group and devoted to the topic of variability in krill recruitment and its implications for modelling and fishery management.

Day 4 will feature presentations from early career researchers and a keynote talk from Dr. Kim Bernard.

Day 5 will include time for discussion including on next steps for data collection to support CCAMLR work and on progressing SKAG outputs. This session will also include the SKAG administrative meeting.

All times are UTC

Day 1: Monday 7th March. Updates from SKAG and related organisations

1500-1505	Workshop introduction	Bettina Meyer
1505-1520	SKAG updates	SKAG Board
1520-1535	ICED ECR workshop: Summary and outputs	Zephyr Sylvester
1535-1550	MEASO: Summary, outputs and next steps	TBC
1550-1605	CCAMLR 1: Introduction to CCAMLR	Steve Parker (CCAMLR Science Manager)
1605-1610	5 min break	
1610-1625	CCAMLR 2: Krill fisheries and management.	Dirk Welsford (CCAMLR Scientific Committee chair)
1625-1645	ARK: Updates from the krill fishing industry and Science and Industry Forum (SIF)	Javier Arata (Executive Officer of ARK)
1645-1700	Discussion & Tomorrow's Agenda	

Day 2: Tuesday 8th March: New data collection methods to support krill fishery management

1500-1505	Introduction	
1505-1535	Integrated ecosystem observations around the northern Antarctic Peninsula	Christian Reiss (US AMLR)
1535-1550	Antarctic krill studied by crabeater seals beneath the sea ice	Sara Labrousse
1550-1600	Which data collection can be done on krill fishing vessels?	Guoping Zhu
1600-1605	5 min break	
1605-1610	A concrete example of scientific work on the “Antarctic Endurance”	Bettina Meyer
1610-1700	Discussion: Priorities for data collection from fishing vessels. Tomorrow’s Agenda	

Day 3: Wednesday 9th March: Variability in krill recruitment and its implications for modelling and fishery management. Session hosted by US-AMLR

1500-1505	Introduction	
1505-1600	How variable is recruitment in Antarctic krill (<i>Euphausia superba</i>)? Implications for fisheries modeling and management strategies.	Doug Kinzey, George Watters and Christian Reiss (US-AMLR).
1600-1605	5 min break	
1605-1700	Discussion. Tomorrow’s Agenda.	

Day 4: Thursday 10th March: ECR and keynote talks.

1500-1505	Introduction	
1505-1520	Densities and distribution of euphausiid larvae on the WAP (Mar de la Flota - Bransfield Strait and South Shetland surroundings) during summer 2017-2020	Emilce Rombola
1520-1535	Environmental DNA of Antarctic krill (<i>Euphausia superba</i>): decay rates of different eDNA amplicons and applications for krill surveys	Leonie Suter
1535-1550	Hydrodynamics have shaped regional heterogeneity in the autumn diet composition of the Antarctic krill (<i>Euphausia superba</i>) in the northern Antarctic Peninsula	Mei Xue
1550-1605	Investigating the factors influencing Eugregarine infection of Antarctic krill <i>Euphausia superba</i> in East Antarctic	Yi Xiong
1605-1610	5 min break	
1610-1620	Resolving ecosystem effects of the South Georgia winter krill fishery	Cecilia Liszka
1620-1640	KEYNOTE: Winter is coming, krill	Kim Bernard (Oregon State University)
1640-1700	Questions. Discussion. Tomorrow's agenda.	

Day 5: Friday 11th March: General discussion, SKAG administration, progressing SKAG outputs.

1500-1505	Introduction	
1505-1530	Discussion: Data collection to support CCAMLR.	
1530-1545	Summary and conclusions of WS: SKAG inputs to SIF and CCAMLR.	
1545-1600	SKAG Administration	
1600-1605	5 min break	
1605-1700	Update and next steps on 2021 workshop paper. <i>Optional final session for authors of the 2021 workshop paper.</i>	