

1st World Seabird Conference

Program-at-a-Glance*

Time/ Room	Day 1 Tuesday September 7										Day 2 Wednesday September 8										Day 3 Thursday September 9										Day 4 Friday September 10										Day 5 Saturday September 11																		
	RD	Various									WC	RD	PZ	A	B	C	LT	SA	OB	WC	ES	RD	PZ	A	B	C	LT	SA	OB	WC	ES	RD	PZ	A	B	C	LT	SA	OB	WC	ES	RD	PZ	A	B	C	LT	SA	OB	WC	ES								
8:00	Registration and Information Desk Open	Additional and Ancillary Meetings									WSC Art Gallery	Registration and Information Desk Open	P1 - Posters on Display	OP										Registration and Information Desk Open	P1 - Posters on Display	Announcements										Registration and Information Desk Open	P2 - Posters on Display	Announcements										Registration and Information Desk Open	P2 - Posters on Display	Announcements									
8:45														V1 V2 V3 C2 C3												V4 V6 V7 C5 C6												V8 V9 V10 C9 C10												V11 C12 V12 C13 C14									
9:00														Coffee Break												Coffee Break												Coffee Break												Coffee Break									
9:20														V1 C1 V3 C2 C3												V4 V6 C4 L6 C6												V8 V9 V10 C9 C10												V11 C12 V13 C13 C14									
9:40														L1												L7 L8												C10												V12									
10:00														Lunch on your own												Lunch on your own												Lunch on your own												Lunch on your own									
10:20														V1 C1 W1 L2 L3												V4 V6 C4 L6 L8												V8 V9 V10 C9 C10												V11 C12 V13 C13 C14									
10:40														Coffee Break												Coffee Break												Coffee Break												Coffee Break									
11:00														V1 C1 W1 L2 L3												V5 W2 L5 L7 C7												V8 C8 L9 C11												CP									
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* This program is subject to change and reflects the general conference program as of August 23, 2010. Please check back for periodic updates.

Room Codes	
RD	Registration Desk
PZ	Poster Zone
A	Salon A
B	Salon B
C	Salon C
LT	Lecture Theatre
SA	Saanich
OB	Oak Bay
WC	West Coast
ES	Esquimalt

Session Codes*	
C	Contributed Sessions
CP	Closing Plenary
L	Legacy Workshops
OP	Opening Plenary
FF	Film Festival
P	Poster Sessions
V	Invited Sessions
W	Workshops
	Unsheduled

*session content detail in conference program

1st World Seabird Conference

Scientific Program-at-a-Glance Session Titles

Code	Day	Time	Title
Special Sessions			
OP	We	0800-0900	Opening Remarks and Address
CP	Sa	1640-1700	WSC Legacy Plenary and Closing Remarks
Invited Sessions			
V1	We	0900-1700	Climate Change: Comparative Ecosystem Dynamics of the World's Oceans*
V2	We	0900-1120	Managing Forage Fisheries for Feed, Food, and Prey**
V3	We	0900-1440	Marine Debris**
V4	Th	0900-1420	Seabird Island Ecology and Restoration: A Global Synthesis*
V5	Th	1440-1700	Seabirds and Economy: Are We Missing the Link, or the Entire Ark?*
V6	Th	0900-1440	Spatial Ecology At Sea: Opportunities and Challenges for Seabird Marine Protected Areas*
V7	Th	0900-1120	Long-term Monitoring
V8	Fr	0900-1640	Seabird-Fisheries Interactions: A Global Perspective*
V9	Fr	0900-1440	Seabird Demography**
V10	Fr	0900-1440	Evolutionary and Conservation Genetics of Seabirds**
V11	Sa	0900-1440	Technological and Analytical Innovation in Seabird Research**
V12	Sa	0900-1120	Seabird Phenotypic Plasticity and Microevolution**
V13	Sa	1120-1440	Interactive Effects of Chemical Contaminants, Parasites, and Stressors on Seabirds**
Contributed Sessions			
C1	We	1120-1700	Foraging Ecology
C2	We	0900-1140	Distribution and Abundance at Sea
C3	We	0900-1440	Physiology, Energetics & Nutrition
C4	Th	1120-1420	Tools and Techniques for Colony Monitoring
C5	Th	0900-1040	Breeding Biology & Behaviour
C6	Th	0900-1140	Seabird, Fisheries & Bycatch
C7	Th	1440-1700	Biology and Ecology of Senescence
C8	Fr	1440-1700	Conservation I: Colonies
C9	Fr	0900-1240	Migration and Dispersal
C10	Fr	0900-1420	Marine Protected Areas
C11	Fr	1440-1700	Climate Change and Ecosystem Dynamics
C12	Sa	0900-1440	Seabird Diet: Adults and Chicks
C13	Sa	0900-1440	Demography and Population Modeling
C14	Sa	0900-1440	Conservation II: Species and Marine
Legacy Workshops			
L1	We	1220-1500	Legacy Workshops Introduction/Seabirds.net
L2	We	1500-1700	World Seabird Colony Register
L3	We	1440-1700	Tracking Marine Ecosystem Response through Seabird Mortality Events
L4	Th	1700-1800	World Seabird Governing Committee
L5	Th	1440-1700	World Seabird Monitoring Database
L6	Th	1120-1440	Tracking database
L7	Th	1440-1700	At-sea survey database
L8	Th	1220-1440	Seabird Productivity and Population Indices
L9	Fr	1440-1700	Tracking and At-Sea Survey Database Intercommunication
Workshops			
W1	We	1440-1700	Debris Workshop
W2	Th	1440-1700	Spatial Ecology Workshop
Poster Sessions			
P1	We	0800-2000	Poster Session 1 including evening reception
P1	Th	0800-1800	Poster Session 1
P2	Fr	0800-2000	Poster Session 2 including evening reception
P2	Sa	0800-1700	Poster Session 2

Notes

* indicates Primary Symposia

** indicates Special Paper Session

WSC Scientific Program - Wednesday					
Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
0800-0900	OP Opening Remarks and HRH Address				
	V1 Climate Change	V2 Forage Fisheries C1 Foraging Ecology	V3 Marine Debris W1 Debris Workshop	C2 Distribution & Abundance L1 Intro to Legacy/Seabirds.net L2 World Seabird Colony Register	C3 Physiology, Energetics & Nutrition L3 Mortality Workshop
0900-0920	V1-1 The effects of ocean temperature in south-eastern Australia on the survival of Little Penguins (Dann, Sidhu, Chambers, Catchpole)	V2-1 Accounting for dependencies of seabirds on forage fish in fisheries management (Essington; Pikitch; Santora; Rountos)	V3-1 Marine debris entanglement of seabirds: global patterns, impacts, and solutions (Good, Phillips)	C2-1 Hierarchical models for estimating seabird distributions in the Northwest Atlantic (O'Connell; Gardner; Gilbert)	C3-1 Unifying quantitative life history theory and field endocrinology to assess prudent parenthood in Black-legged Kittiwakes (Satterthwaite, Kitaysky; Hatch; Mangel)
0920-0940	V1-2 Predicting seabird population responses to climate change: linking demographic models and IPCC climate projections (Jenouvrier; Caswell; Barbraud; Holland; Stroeve; Weimerkirch)	V2-2 Population fluctuation of seabirds and fish in the Baltic Sea (Hjernquist; Hjernquist)	V3-2 Plastic ingestion by North Pacific seabirds: progress review and future directions (Hyrenbach; Nevins; Hester; Donnelly)	C2-2 Seabird distribution in relation to mesoscale eddies in the Mozambique Channel (Jaquemot; Dyers; Etienne; Kaehler; Ternon)	C3-2 Behavioural interactions between breeding Common Murres in relation to corticosterone during co-attendance (Takahashi; Storey; Walsh)
0940-1000	V1-3 Climate effects on seabird demography and population dynamics in the NE Atlantic (Fredericksen; Anker-Nilssen; Wanless)	V2-3 Are global marine fisheries starving seabirds? (Paleczny; Karpouz; O'Hara; Watson; Pauly)	V3-3 Your rubbish affects us too: a review of plastic ingestion in the South Ocean (Scofield)	C2-3 Chlorophyll persistence indicates 'hotspots' of primary and tertiary productivity: implications for trophic transfer and biodiversity conservation (Suryan; Santora; Sydeman)	
1000-1020	V1-4 Arctic marine birds and climate change: some predictions (Gaston)	V2-4 Predator response functions and the management of forage fisheries (Piatt; Boyd; Crawford; Cury; Furness; Goya; Roux; Bonhommeau)	V3-4 Seabirds as monitors of marine litter (van Franeker)	C2-4 Anomalous Pink-footed Shearwater abundances in Oregon and Washington coastal waters: an ecosystem indicator in the northern California Current (Phillips; Zamon; Adams; Hyrenbach; Hodum; Reinalda)	C3-4 Sex differences in body condition in Little Auk <i>Alle alle</i> during the whole breeding season (Wojczulanis-Jakubas)
1020-1040	V1-5 Early ice retreat has opposite effects on planktivorous and piscivorous top-predators in the shelf regions of sub-Arctic (Kitaysky; Golubova)	V2-5 The importance of including predation mortality in the evaluation and management of forage fishes (Link; Tyrrell; Moustahfid)	V3-5 Evidence for increasing plastic ingestion in Northern Fulmars in the Pacific (Nevins; Donnelly; Hester; Hyrenbach)		C3-5 A carry-over effect of migration underlies individual variation in reproductive readiness and extreme egg-size dimorphism in Macaroni Penguins (Crossin; Trathan; Phillips; Dawson; Le Bouard; Williams)
1040-1100	Coffee Break				
1100-1120	V1-6 Gulf of California Seabirds' responses and adaptations to changing in oceanographic conditions and forage fish community (Velarde; Anderson; Ezcurrea)	V2-6 Discussion/forum	V3-6 Albatross appetite for pelagic plastics: Patterns across the North Pacific and relationship to organic contaminants (Henry)	C2-5 Abundance and productivity of the Marbled Murrelet in the San Juan Archipelago, Washington, USA (Raphaël; Bloxton)	C3-6 Body mass may not always reveal important variation in energetic condition during the onset of breeding in the Atlantic Puffin (<i>Fratercula arctica</i>) (Holberton; Diamond)
1120-1140	V1-7 Southern Ocean seabirds, climate change and fisheries (Barbraud, Rolland, Jenouvrier, Nevoux, Delord, Weimerskirch)	C1-1 Short and long-term consequences of the dynamic of the Polar Front on King Penguins foraging. (Bost; Cotte; Perron; Goarand; Barbraud; Guinet)	V3-7 Incidence, variety, and mass of plastics ingested by Laysan and Black-footed Albatrosses recovered as by-catch in the North Pacific Ocean (Gray; Lattin; Moore)	C2-6 Changes in the distribution of hotspots of pelagic species diversity and abundance in the Bering Sea and North Pacific over four decades. (Renner; Piatt; Kuletz; Hunt)	C3-7 Evaluating threats to Australasian gannets by measuring energetics (Green, Aitken-Simpson; Bunce; Butler; Frappell)
1140-1200	V1-8 Seabirds in the Barents Sea ecosystem, what can we expect under climate change? (Fauchald; Erikstad; Skern-Mauritzen; Johannsen; Systad)	C1-2 Spatial movement linked to diving behaviour in Chinstrap Penguins (Takahashi; Takahashi; Watanabe; Kokubun; Dunn; Trathan)	V3-8 How colony-based differences in foraging distribution lead to increased plastic ingestion in Laysan Albatross (Young; Vanderlip; Duffy; Shaffer)		C3-8 Holding the fast: energetic and behavioral adjustments in courting and incubating male King Penguins (Vibanc; Malosse; Sarau; Groscolas)
1200-1220	V1-9 Climate-related impacts on seabirds of the Northwest Atlantic Ocean (Veit; Montevecchi)	C1-3 Contrasting foraging strategies of Black-legged Kittiwakes between pre-breeding and breeding stage (Kotzerka; Hatch; Garthe)	V3-9 Plastic ingestion by two seabird species in the Eastern Canadian Arctic (Provencher; Gaston; Mallory; O'Hara; Gilchrist)		C3-9 Comparative foraging behavior and energetics in three species of albatrosses (Kappes; Shaffer; Weimerskirch; Tremblay; Costa)
1220-1240	V1-10 Analysis of long-term trophic level shifts in a tropical seabird community (Vilchis; Balance)	C1-4 Gender differences in foraging distribution of Black-legged Kittiwakes nesting at two Bering Sea colonies: responses to changing food availability. (Paredes; Irons; Roby; Suryan; Harding; Renner; Orben; Barger)	V3-10 Plastic ingestion by planktivorous fishes in the North Pacific Central Gyre (Lattin; Boerger; Moore; Moore)	L1a Introduction to Legacy Workshops L1b Seabirds.net	C3-10 Application of the two-sample doubly labeled water method alters behaviour and affects estimates of energy expenditure in Black legged Kittiwakes (Schulter; Welcker; Speakman; Nordoy; Gabrielsen)
1240-1400	Lunch On Own				
1400-1420	V1-11 Climate change effect on Wandering Albatrosses distribution and life history traits (Weimerskirch; de Grissac; Louzao; Delord)	C1-5 Linking changes in seabird colony dynamics to environmental drivers (Thompson; Quinn; Wakefield; Phillips)	V3-11 Quantifying Marine Debris in the Eastern Tropical Pacific Ocean (Henry; Provencher; Cutler; Force; Pagen; Webb)		C3-11 Hydrodynamics of avian foot-propulsion while feeding near the bottom (Ribak; Jones)
1420-1440	V1-12 Climate variability and the responses of kittiwakes and murres breeding at the Pribilof Islands: what have we learned over 30 years? (Hunt; Zador; Kitaysky; Byrd)	C1-6 A tale of two hot spots: at-sea segregation in Hawaiian Albatrosses (Shaffer; Kappes; Conners; Tremblay; Romano; Klavitter;)	V3-12 Habitat associations of seabirds and marine debris in the North East Pacific at multiple spatial scales (Titmus; Hyrenbach)	L1b Seabirds.net L1c Linking Seabird Databases	C3-12 Estimating seabird diets using quantitative fatty acid signature analysis: the effect of fatty acid composition and variability of forage species (Wang; Springer; Iverson)
1440-1500	V1-13 Effect of climate fluctuations on food availability and reproductive performance of the planktivorous Red-billed Gull (Mills; Yarrall; Bradford-Grieve; Uddstrom; Renwick; Merila)	C1-7 The foraging plasticity of a pelagic seabird species feeding along a marine productivity gradient (Paiva; Geraldes; Ramirez; Meirinho; Garthe; Ramos)	W1 Debris Workshop	L1d Distributed vs Centralized Databases	L3 Tracking Marine Ecosystem Response through Seabird Mortality Events Workshop
1500-1520	V1-14 Responses of three species of seabirds breeding at Teuri Island, northern Japan Sea, to local climate fluctuation (Watanuki; Ito)	C1-8 Fantastic-elastic : foraging plasticity of Norwegian Northern Gannets in time and space (Peltex; Lorentsen; Gimenez; Pons; Barrett; Le Bohec; Grémillet)		L2 World Seabird Colony Register Workshop	
1520-1540	Coffee Break				
1540-1600	V1-15 Little Auks buffer the impact of current Arctic climate change (Grémillet; Welcker; Karnovsky; Wojciech; Margaret; Jerome; Speakman; Harding)	C1-9 Fine-scale association between foraging patterns of Cape Gannets and submesoscale fronts (Sabarros; Grémillet; Demarq; Moseley; Mullers; Pichegru; Stenseth; Machu)			
1600-1620	V1-16 Ocean climate change and phenology: effects on trophic synchrony and consequences to fish and seabirds in the North-Central California Current (Sydeman; Black; Bograd; Dorman; Mills; Field; Ralston; Powell; Santora; Schroeder; Thompson; Schwing)	C1-10 Contrasting the foraging movements and diving behavior of upwelling and tropical seabirds: Peruvian vs. Nazca Boobies (Zavalaga, Emslie; Halls; Dell'Omio; Anderson; Mori; Taylor)	W1 Debris Workshop	L2 World Seabird Colony Register Workshop	L3 Tracking Marine Ecosystem Response through Seabird Mortality Events Workshop
1620-1640	V1-17 Penguins in peril: an old ecological hypothesis replaces a current paradigm and links climate change to penguin population declines in the Western Antarctic Peninsula (Trivelpiece; Hinkle; Miller; Reiss; Trivelpiece; Walters)	C1-11 Tasman Boobies modulate their foraging behaviour in response to seasonal changes of marine environmental parameters (Sommerfield)			
1640-1700	V1-18 Closing remarks, discussion (Sydeman)	C1-12 Importance of the filamentary circulation on the foraging activity of a tropical seabird (Cotté; d'Ovidio; Weimerskirch)			

WSC Scientific Program - Thursday

Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
0845-0900	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements
	V4 Island Ecology & Restoration V5 Seabirds & Economy	V6 Spatial Ecology W2 Spatial Ecology Workshop L4 WS Governing Committee	V7 Longterm Monitoring C4 Tools & Techs for Monitoring L5 World Seabird Monitoring DB	C5 Breeding Biology L6 Seabird Tracking DB L7 Seabird-at-Sea Survey DB	C6 Seabird, Fisheries & Bycatch C7 Ecology of Senescence
0900-0920	V4-1 The Seabird Islands and Introduced Predator (SEAPRE) research coordination network: global comparisons (Mulder; Ellis; Anderson)	V6-1 Surveying and predicting important foraging areas for terns in support of MPA identification (Wilson; Black; Kober; O'Brien; Bingham; Win; Webb; Reid)	V7-1 The value of long-term seabird population monitoring in the UK (Parsons; Mitchell; Daunt; Wanless)	C5-1 Sex-biased chick production in Wandering Albatrosses: who produces the rarer sex? (Jones; Techow; Ryan)	C6-1 Predator-prey interactions between seabirds and salmonids: a global perspective (Lyons; Roby; Adkins; Evans; Collis)
0920-0940	V4-2 Where marine ornithology, soil science and botany converge: seabirds as island ecosystem engineers (Smith; Mulder; Ellis)	V6-2 Seabird hotspots in the California Current System: implications for marine spatial planning (Nur; Jahncke; Herzog; Howar; Hyrenbach; Ainley; Wiens; Ballance; Morgan; Zamon; Stralberg)	V7-2 The Norwegian way to seabird monitoring (Anker-Nilssen)	C5-2 A male's dream come true: causes and consequences of female-female pairing in Laysan Albatross (Young; VanderWerf)	
0940-1000	V4-3 Impacts of introduced predators on seabirds (Rauzon; Towns; Byrd; Courchamp; Jones; Rauzon; Russell; Wilcox)	V6-3 The differentiation between offshore sea areas based on recorded seabird behaviour during ship-based transects or with GPS loggers (Camphuysen; Shamoun-Baranes; Bouten)	V7-3 Understanding trends in Nunavut Thick-billed Murre populations (Woo; Smith; Gaston)	C5-3 White wing plumage as a signal of individual quality in both sexes (Hanssen; Bustnes; Bourgeon)	C6-3 Understanding the risk and voluntarily reducing seabird bycatch in the United States West Coast groundfish fisheries (Guy; Suryan; Jennings; Melvin)
1000-1020	V4-4 Global analysis of biogeochemistry and plant communities of seabird islands (Schmidt; Mulder; Ellis; Bellingham; Cameron; Croll; Jones; Kameda; Kolb; Kueffer; Mittelhauser; Orrock; Palmborg;)	V6-4 Tracking seabirds in the Northwest Atlantic to identify important marine habitats, assess risks and implement conservation strategies (Montevecchi; Hedd; McFarlane Tranquilla; Burke; Regular; Garthe; Fifield; Wilson; Davoren; Gaston; Smith; Robertson; Phillips)	V7-4 Breeding population trends of Adélie Penguins at Casey over 50 years (Woehler)	C5-4 Conservation threats to, and status of, the threatened seabird community of the Juan Fernández Islands, Chile (Hodum)	C6-4 Fast-tracking seabird data into Alaskan fisheries management decisions (Zador; Melvin)
1020-1040	V4-5 Seabird Impacts on Island Food Webs (Anderson; Kolb; Young; Russell)	V6-5 Tracking seabirds to identify potential high-seas Marine Protected Areas in the western Indian Ocean (Le Corre; Weimerskirch; Pinaud; Marsac; Catry; Ramos; Pinet; Russell; Shah; Kappes; Jaquetmet)	V7-5 The Magellanic Penguin Project: penguins as ocean sentinels (Boersma)	C5-5 El Niño in the Warm Tropics: local sea temperature predicts breeding parameters and growth of blue-footed boobies (Ancona; Sánchez Colón; Rodríguez; Drummond)	C6-5 Individual responses of seabirds to commercial fisheries revealed using GPS tracking, stable isotopes and vessel monitoring systems (Votier; Bearhop; Witt; Inger; Thompson; Newton)
1040-1100	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1100-1120	V4-6 Direct impacts of seabird predators on island biota other than seabirds (Drake; Bodey; Russell; Towns; Nogales; Ruffino)	V6-6 Global migration dynamics of transequatorial shearwaters (Gonzalez; Solis; Felicísimo; Tremblay; Reid; Carey; Hodum; Takahashi; Muñoz; Sigurðsson; Thompson; Ryan; Cuthbert; Hedd)	V7-6 Brandt's Cormorant breeding population changes in the Gulf of the Farallones, California, USA, in 1979-2006 (Capitolo; McChesney; Carter; Parker; Eigner; Golightly)		C6-6 Fine-scale GPS tracking data reveal gender differences in overlap rates of Buller's Albatross with commercial fishing vessels (Torres; Sagar; Thompson; Phillips)
1120-1140	V4-7 A review of the world's seabird restoration projects (Jones; Kress)	V6-7 Marine no-take zone benefits endangered penguin (Pichegru; Grémillet; Crawford; Ryan)	C4-1 Non-invasive monitoring of colonial seabirds using computer vision: scope and limitations as exemplified on African Penguins and Bank Cormorants (Barham; Burghardt; Sherley)		C6-7 <i>In-situ</i> underwater videos of foraging seabirds shed light on feeding success and relationships with prey and other predators (Tremblay; Thiébaud)
1140-1200	V4-8 Community involvement in seabird island restoration (Towns)	V6-8 Identifying feeding hot spots of three species of boobies from Peru and Galapagos: the use of dataloggers for the implementation of MPA. (Zavalaga; Emslie; Anderson; Dell'Omo)	C4-2 Penguins from space: estimating Emperor Penguin (<i>Aptenodytes forsteri</i>) populations through faecal stains and image recognition analysis of individuals and huddles (Trathan; Fretwell; Morin; LaRue; Porter; Kooymann; Weineke; Brolsma; Fox; Fleming)	L6 Tracking Databases Workshop	C6-8 First evaluation of seabird bycatch in Ecuador (Baquero)
1200-1220	V4-9 Seabird island restoration guidelines: an ecosystem-based approach (Ellis, Mulder)	V6-9 Connectivity and summertime use of West Coast U.S. National Marine Sanctuaries by migratory Sooty Shearwaters (<i>Puffinus griseus</i>)	C4-3 Using radar to test the consistency in use of forest nesting habitat by Marbled Murrelets (Cragg; Burger)		
1220-1240	V4-10 Open discussion of management guidelines (Ellis, Mulder)	V6-10 Modelling of top predators to define MPA boundaries in the Ross Sea, Antarctica (Ainley; Jongsomjit; Ballard)	C4-4 Acoustic monitoring of island recovery: A case study in the Aleutian Archipelago (Buxton; Jones; Williams; Major)		L8 Seabird Population & Productivity Indices
1240-1400	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own
1400-1420	V4-10 Open discussion of management guidelines (Ellis, Mulder)	V6-11 MPAs in Europe, from marine IBAs to SPAs (Ramirez)	C4-5 Acoustic measures of activity as an index of relative abundance at seabird colonies (Borker; McKown; Ackerman; Eagles-Smith; Croll; Tershly)	L6 Tracking Databases Workshop	L8 Seabird Population & Productivity Indices
1420-1440		V6-12 Advances in protecting key seabird habitats in the U.S., British Columbia and Mexico (Weinstein; Kirchhoff; Davidson; Castro)			
1440-1500	V5-1 The Conservation Ark has sailed but it missed the elephant in the room (Dawe)				Age-specific trade-offs and unobserved heterogeneity in a long-lived seabird: implications for senescence (Aubry; Koons; Pavard; Monnat; Cam)
1500-1520	V5-2 Seabirds and economies: from subsistence eggging through incidental take and collateral damage (Diamond)	W2 Spatial Ecology Workshop	L5 World Seabird Monitoring Database Workshop	L7 Seabirds-at-sea Survey Databases Workshop	Love at older ages: courting behavior in senescent Blue-footed Boobies (Beamonte-Barrientos; Drummond; Torres)
1520-1540	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break

WSC Scientific Program - Thursday

Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
1540-1600	V5-3 Seabirds and Economy in British Columbia: The NGO Perspective (Fox)				The prudent parent meets old age: senescence in Thick-billed Murres (Elliott; Gaston; O'Reilly)
1600-1620	V5-4 Murrelets and economy: history, evidence and a required change (Huettmann)				Reproductive age and telomere length in Magellanic Penguins (<i>Spheniscus magellanicus</i>) (Cerchiara)
1620-1640	V5-5 Restoring seabird nesting colonies: the role of indigenous landowners and local communities (Bellingham)	W2 Spatial Ecology Workshop	L5 World Seabird Monitoring Database Workshop	L7 Seabirds-at-sea Survey Databases Workshop	Annual dynamics of telomere length in black-tailed gull in the wild (Mizutani; Tomita; Niizuma; Yoda)
1640-1700	V5-6 Wildlife and oil in the Antarctic - a recipe for cold disaster (Ruoppolo; Woehler; Morgan; Clumpner; Frank; Callahan; Holcomb)				Patterns of aging in an extremely long-lived seabird, the Wandering Albatross, <i>Diomedea exulans</i> (Lecomte; Chastel; Weimerskirch; Sorci)
1700-1800		L4 World Seabird Governing Committee Workshop			

WSC Scientific Program - Friday

Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
0845-0900	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements
	V8 Seabird-Fisheries Interactions	V9 Seabird Demography	V10 Conservation Genetics C8 Conservation 1, Colonies	C9 Migration & Dispersal L9 Tracking* Surveys	C10 Marine Protected Areas C11 Climate/Ecosystem Dynamics
0900-0920	V8-1 Eliminating seabird bycatch: where are we now and where do we need to get to? (Croxall)	V9-1 Contrasting seabird population responses to climate change: winners and losers? (Jenouvrier)	V10-1 Assessing the taxonomic validity of an enigmatic subgenus, the 'cookilaria' petrels (Steeves; Pelser; McKown; Gangloff; Bretagnolle; Rayner)	C9-1 Fuelling up for the world's longest annual migration: the importance of at-sea hot-spots (Egevang; Stenhouse; Phillips; Petersen; Fox; Silk)	C10-1 The first Namibian Islands Marine Protected Area: a conservation measure for endangered seabirds in the Benguela Upwelling System (Ludynia; Kemper)
0920-0940	V8-2 The bycatch landscape: making sense of global and local patterns (Lewison)	V9-2 Designing robust demographic studies of seabird populations (Kendall; Converse; Doherty, Jr.; Naughton; Frederiksen; Hines)	V10-2 Assessing population structure and dispersal in Leach's storm-petrels <i>Oceanodroma leucorhoa</i> in the North Atlantic using molecular techniques: implications for the EU population (Bicknell; Knight; Bilton; Reid; Votier)	C9-2 Trans-equatorial migration route and important stopover sites of the Sabine's Gull (Stenhouse; Egevang; Phillips)	C10-2 Using seabird distribution data in the selection and design of Antarctic marine protected areas (Grant; Trathan; Tratalos; Silk)
0940-1000	V8-3 The Eastern Canadian gill-net removal experiment: tracking the population responses of seabirds to the ground-fishery closure (Montevecchi; Regular; Buren; Burke; Fifield; Hedd; McFarlane Tranquilla; Wilson)	V9-3 The demography of un-banded macaroni penguins revealed using an automated gateway system (Ratcliffe; Trathan)	V10-3 What traits predispose band-rumped storm petrels to the repeated, independent evolution of geographically sympatric seasonal foraging types? (Deane; Bolton; Gonzalez-Solis; Gomez-Diaz; Friesen)	C9-3 Spatio-temporal dynamics of albatross breeding on New Zealand's Chatham Islands during the breeding and non-breeding season (Deppe; Scofield)	C10-3 The importance of prey biology and behaviour in identifying and delimiting marine biological hotspots in Eastern Canada (Davoren; Ruiz; Carlos; Bécarea; Rodríguez)
1000-1020		V9-4 Potential biological removal of albatrosses and petrels with minimal demographic information (Dillingham; Fletcher)	V10-4 Oceanites, Fregetta or Pealeornis? Phylogenetic affinities of the rediscovered New Zealand storm-petrel (Robertson; Stephenson; Gemmill; Goldstien)	C9-4 Year-round tracking of murrens reveal species, colony, and individual-specific wintering locations in the Northwest Atlantic (McFarlane Tranquilla; Montevecchi; Hedd; Burke; Smith; Robertson; Gaston; Fifield; Phillips)	C10-4 A model-based atlas of Atlantic Canadian seabirds-at-sea: mapping distribution for conservation priority setting at the regional level (Lieske; Gjerdrum; Fifield)
1020-1040	V8-4 Interactions between seabirds and fisheries: a global perspective (Lent)	V9-5 Bayesian multi-state modeling of Yellow-Nosed Albatross demography (Converse; Cooper; Cuthbert; Ryan)	V10-5 Evolutionary Biogeography of Southern Ocean Seabirds (Burg; Pasternak)	C9-5 The year-round migration pattern of thick-billed murrens breeding in W and NW Greenland tracked with satellite transmitters and geolocators (Mosbech; Johansen; Frederiksen; Merkel; Boertmann; Falk; Linnebjerg; Labansen; Sonne)	C10-5 Protected areas in German offshore waters: designation, retrospective consideration and current perspectives (Garthe; Sonntag; Markones)
1040-1100	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1100-1120	V8-5 Working together to tackle bycatch – the work of the Agreement on the Conservation of Albatrosses and Petrels (Tasker; Baker; Favero; Papworth)	V9-6 Unraveling seabird demographic traits in tropical seabirds (Ramos; Monticelli; Catry)	V10-6 Systematics and phylogeography of the White Tern (<i>Gygis alba</i>) (Yeung)	C9-6 Winter migration of diving predators tracked by light-based geolocation (Thiebot; Pinaud; Chere; Trathan; Bost)	C10-6 Identifying marine protected areas for seabirds in United Kingdom offshore waters (Kober)
1120-1140	V8-6 Fishing the future: an exploration of the possible trends in fishing activity and their implications for seabirds (Agnew, Sullivan)	V9-7 Episodic variation in survival and philopatry of breeding Adélie Penguins (Dugger; Ainley; Lyver; Barton; Ballard)	V10-7 Sex and the City: why females of a socially monogamous seabird aren't always faithful (Techow; Jones; Ryan)	C9-7 Carry-over effects of breeding success on overwinter movements and distribution of Black-legged Kittiwakes (Bogdanova; Daunt; Newell; Harris; Wanless)	C10-7 Using the spatial distribution of inshore marine birds to identify sites for MPAs around the United Kingdom (Webb, Nadim)
1140-1200	V8-7 Round table discussion	V9-8 Population trends and demographic drivers in a declining population of Ancient Murrelets (Gaston; Descamps)	V10-8 Is seabird speciation driven by ocean currents and sexual selection in the Eastern Tropical Pacific? (Taylor; Zavalaga; Anderson; MacLagan; Luna-Jorquera; Simeone; Friesen)	C9-8 Year-round tracking of Sooty Shearwaters from the Falkland Islands identifies important marine bird areas in the North and South Atlantic (Hedd; Montevecchi; Otley; Phillips)	C10-8 Important areas for seabirds in Azores (Amorim; Ramiréz; Gerales; Meirinho; Paiva; Magalhães; Bried; Neves)
1200-1220	V8-8 Global seabird bycatch in longline fisheries: a review (Anderson; Small; Black; Croxall; Sullivan; Yates)	V9-9 Estimating adult breeding dispersal/fidelity at different geographic scales to evaluate restoration efforts for Roseate Terns (Spendelov; Hines; Nichols; Nisbet; Mostello; Cormons; Hays; Hatch)	V10-9 Ectoparasites as tools for seabird evolution, ecology and conservation (Gomez-Diaz; González-Solis ; McCoy)	C9-9 Individual consistencies in migratory behaviour of streaked shearwaters over two successive years (Yamamoto; Takahashi; Katsumata; Sato; Trathan)	C10-9 Identification and designation of Marine Protected Areas regarding seabirds: Spain as a pioneering example (Arcos; Ruiz; Carlos; Bécarea; Rodríguez)
1220-1240	V8-9 Seabird bycatch in gillnet fisheries worldwide (Zydelis)	V9-10 Climatic influences upon multispecies synchrony in adult seabird survival at the Isle of May, Scotland (Lahoz-Monfort; Morgan; Harris; Wanless; Freeman)	V10-10 The complex history of isolation and gene flow in Brown and Red-footed Boobies (Morris-Pocock; Steeves; Estela; Anderson; Friesen)	C9-10 Effect of daylight duration and moon phases on the migrating behaviour of a tropical seabird, the Barau's Petrel (<i>Pterodroma barau</i>) in the Indian Ocean (Pinet; Le Corre)	C10-10 Using broadscale distributions of murrens, kittiwakes, and their prey on the Bering Sea Shelf to inform decisions on MPA's (Kuletz; Ressler; Labunski; Sigler; Renner; Hollowed)
1240-1400	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own
1400-1420	V8-10 Shrink and defend: streamer lines for pelagic longline fisheries (Melvin, Guy)	V9-11 Temporal variation in common guillemot populations; linking demography to environmental factors (Reiertsen; Barrett; Erikstad)	V10-11 Contemporary and historic migratory trans-hemispheric separation of two genetically distinct seabird populations (Rayner)		C10-11 Linking habitat dependence and oceanography to model protected areas for wintering eiders in the Bering Sea (Lovvorn)

WSC Scientific Program - Friday

Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
1420-1440	V8-11 Longline fisheries and the decline of the wandering albatross at South Georgia (Phillips; Tuck; Wood; Croxall)	V9-12 Explaining a crash in the numbers of Atlantic puffins <i>Fratercula arctica</i> (Harris; Frederiksen)	V10-12 Genetic and morphological structuring of brown booby populations across land and open ocean habitats (Hailer; Schreiber; Miller; Chesser; Fleischer)		
1440-1500	V8-12 Fishers and seabirds competing for the same prey off Peru (Bertrand; Tremblay; Passuni; Silva; Weimerskirch)		C8-1 Is there a future for seabirds of Madagascar? (Etienne; Le Corre)	L9 Tracking and At-Sea Survey DB Intercommunication Workshop	C11-1 Climate change and seabirds: recent findings from the Australian Region (Chambers; Congdon; Dunlop; Dann; Woehler; Devney)
1500-1520	V8-13 Modelling the effects of climate and fishing on seabirds: an application of Ecopath with Ecosim models (Lauria; Lauria; Pinnegar; Mackinson; Edwards; Attrill; Brown; Votier)		C8-2 Navarin seabird cliffs: first inventory of the last unexplored big seabird colony in the North Pacific (Syroechkovskiy; Yakushev; Artyukhov)		C11-2 Phenological changes across four trophic levels in a marine ecosystem: evidence of trophic mismatch in the North Sea (Burthe; Frederiksen; Butler; Edwards; Elston; Johns; Thackeray; Wanless)
1520-1540	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1540-1600	V8-14 Bird bycatch in gillnets in the Baltic Sea: assessment of the vulnerability and conflict potential towards drowning mortality as tools for conservation management (Sonntag; Dries; Fock; Bellebaum; Garthe)		C8-3 A global review of mammal eradications on islands and their role in seabird conservation (Howald; Keitt; Campbell; Waldman; Newton; Heinz; Tershy)	L9 Tracking and At-Sea Survey DB Intercommunication Workshop	C11-3 Responses by non-breeding seabird populations to wide-ranging regime shifts in the Baltic Sea (Skov; Zydalis)
1600-1620	V8-15 On the brink of collapse: prospects for a seabird population relying on fisheries in the light of a new European policy for sustainable fisheries (Camphuysen; Gronert)		C8-4 Island building to replace a declining critical habitat resource and restore colonial seabirds (Roby)		C11-4 Response of Dovekie to climate-induced changes of marine conditions in the high Arctic (Jakubas; Wojczulanis-Jakubas; Stempniewicz; Gluchowska)
1620-1640	V8-16 The importance of both abundance and distribution of prey in accounting for food requirements of predators in an ecosystem approach to fisheries - examples from southern Africa (Crawford)		C8-5 Predicting outcomes of seabird restoration projects (Kress, Hall)		C11-5 From too cold to too hot in four decades: a short-lived thermal window closes for Black Guillemots in northern Alaska (Divoky)
1640-1700	V8-17 Round table discussion		C8-6 Prioritizing seabird breeding islands for invasive mammal eradications (McCreless; Wilcox; Heinz; Spatz; Croll; Tershy)		C11-6 Satellite observations of winds and ocean colour accurately hindcast inter-annual variability in seabird productivity at Triangle Island (Borstad; Crawford; Thomson; Hipfner)

WSC Scientific Program - Saturday

Room	Salon B	Salon C	Lecture Theatre	Saanich	Oak Bay
0845-0900	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements	Daily Announcements
	V11 Research Innovations	C12 Seabird Diet	V12 Phenotypic Plasticity V13 Effects of Stressors CP Legacy Plenary	C13 Demography & Population Modeling	C14 Conservation 2: Species & Marine
0900-0920	V11-1 Introduction: History of ideas and technology (Hunt; Wilson)	C12-1 Effect of climate change on diet and contaminant exposure in seabirds breeding in northern Hudson Bay (Braune; Gaston; Chambellant; Elliott; Provencher)	V12-1 Phenotypic plasticity in breeding phenology in the Wandering Albatross: effects of age, experience and past reproductive success (Lewis; Phillips; Nussey; Wood; Croxall)	C13-1 Bonanza or scourge? Metapopulation dynamics of Caspian Terns in the Pacific Coast Region of North America (Suzuki; Roby; Lyons; Suryan; Collis)	C14-1 Establishment of a new, secure colony of the critically endangered Bermuda Petrel (Carlile; Priddel; Madieros)
0920-0940	V11-2 Colony studies: The importance of technological innovations on long term monitoring of individuals and populations in colonial species (Le Maho; Friess; Sarau; Gauthier-Clerc; Le Bohec)	C12-2 Trophic resource partitioning among terms in different species coexisting contexts: an integrated classical and isotopic niche approach (Gatto, Yorio)	V12-2 Age and environmental related variations in survival and reproduction in a Black Browed Albatross population (Pardo; Weimerskirch; Barbraud)	C13-2 Quantifying dispersal rate, distance and direction over a large spatial scale in the European Shag (<i>Phalacrocorax aristotelis</i> (L.)) (Barlow; Reid; Daunt; Cavers; Wanless)	C14-2 Saving the critically endangered Magenta Petrel from extinction (Taylor)
0940-1000	V11-3 Colony studies: From lavage to lipids: innovations and limitations in estimating diets (Karnovsky; Hobson; Iverson)	C12-3 Intraspecific competition and sexual segregation in the Galápagos Blue-footed Booby evaluated through stable-isotope analysis (Lee Cruz; McGill; Hamer)	V12-3 Demographic and evolutionary consequences of phenotypic plasticity in a changing world (Reed)	C13-3 Impacts of climate variability on Cassin's Auklet (<i>Ptychorampus aleuticus</i>) in Central California (Lee; Bradley; Warzybok; Jahncke)	C14-3 The demographic dilemma of Townsend's Shearwater (Martínez Gómez; Rodríguez-Muslera; Rico-Gray)
1000-1020	V11-4 Colony studies: Exploring mechanistic links between nutritional stress and population processes in seabirds (Kitaysky; Haussmann)	C12-4 Variable foraging strategies of Laysan Albatross in relation to ecosystem change and fisheries overlap (Edwards; Fitzgerald; Parrish)	V12-4 Phenotypic responses to environmental change in a seabird community (Diamond)	C13-4 Demographic consequences of extreme climate events for three North Pacific seabird species (Morrison; Hipfner; Blackburn; Green)	C14-4 Threats to Pink-footed Shearwaters on their breeding colonies (Hagen; Wainstein; Gladics; Hodum; Hardesty)
1020-1040	V11-5 Colony studies: The development of logging devices that reveal the behavioural ecology of seabirds (Wilson)	C12-5 Seasonal differences in the diet of Kittlitz's Murrelets, a seabird of conservation concern, as inferred from stable isotope analysis (Hatch; Kissling; Roby)	V12-5 Phenotypic plasticity in winter foraging time: carry-over effects on breeding performance in the European Shag (Daunt; Phillips; Wanless)		C14-5 Short-tailed Albatross recovery: results of chick translocation and rearing project (Jacobs; Deguchi; Suryan; Balogh)
1040-1100	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1100-1120	V11-6 Pelagic studies: Advances in the at-sea studies of seabirds (Ainley; Woehler)	C12-6 Stable isotopes reveal regional variation in the pre-breeding diets and foraging habitats of sympatrically breeding Pygoscelis penguins in the Antarctic Peninsula (Polito; Lynch; Naveen; Emslie)	V12-6 Behavioral plasticity of Adélie Penguins in response to varying sea-ice conditions (Lescroel; Ballard; Ainley)	C13-6 Modelling demography and extinction risk in the King Penguin under climate-warming scenarios (Le Bohec; Durant; Sabarros; Stenseth; Sarau; Gauthier-Clerc; Pradel; Beaune; Hjermann; Le Maho)	C14-6 Breeding habitats of the ivory gull in Russian Arctic and climate change: monitoring, threats and protection (Gavrilov)
1120-1140	V11-7 Pelagic studies: Advances in the methods for quantifying the distribution and abundance of seabird prey (Piatt; Hunt; Benoit-Bird)	C12-7 Diet of Sooty and Light-mantled albatrosses breeding in the Prince Edward Islands: a multiple-indicator approach (Connan; McQuaid; Bonnevie)		C13-7 Adélie penguin survival: age structure, temporal variability and the influence of the marine ice environment (Emmerson; Southwell)	C14-7 Research and conservation of the world's rarest seabird; the Chinese Crested Tern (Yu; Shou-Hwa Chang)
1140-1200	V11-8 Pelagic studies: Advances in the methods for determining the movement of breeding and non-breeding oceanic seabirds (Weimerskirch; Delord; Bost; Phillips)	C12-8 An ecologist's worst nightmare: using molecular tools to study the diet of small seabirds (Medeiros; Symondson; Ramos; King; Bolton; Thomas)	V13-2 Ecological impacts of persistent organic pollutants in top predator seabirds under different stress regimes (Bustness)	C13-8 Variation in demographic parameters in the European Shag <i>Phalacrocorax aristotelis</i> in Brittany, France (Fortin; Barbraud)	C14-8 Foraging ecology, blood parasites and challenges for conservation: the critically endangered Christmas Island Frigatebird (Hennicke)
1200-1220	V11-9 Technological advances in the understanding of seabird evolution and population dynamics (Freisen)	C12-9 Foraging ecology of planktivorous least auklets indicates regulation of zooplankton availability by physical processes in the Pribilof Domain (Dorresteijn, Byrd, Kitaysky)	V13-3 Circulation of infectious agents and nutritional stress in seabirds: insights with the system involving seabird tick <i>Ixodes uriae</i> and Lyme disease agent <i>Borrelia burgdorferi</i> s.l. (Boulinier; Kitaysky)	C13-9 Estimating survival and life stage transitions in a long-lived seabird, the Laysan Albatross, using multi-state mark-recapture models (VanderWerf; Young)	C14-9 Population connectivity and the conservation genetics of Cape Gannets (<i>Morus capensis</i>) (Nupen; Bishop; Ryan)
1220-1240	V11-10 Advances in seabird conservation: towards Ecosystem-Based Management (Hyrenbach; Mathieu; Adams; Louzao; Rieser)	C12-10 When the Menu is Just a Starting Point: Chick Response to Variable Diet Resources (Slater; Byrd)	V13-4 Parasitism, mercury contamination and stable isotopes in cormorants (Robinson; Forbes; Hebert)	C13-10 Estimating robust survival estimates for species that don't return to breeding colonies every year. (Hunter; Caswell; Forcada)	C14-10 Assessing the impacts of marine wave and tidal energy devices on seabirds in Scottish territorial waters (Bullman; Trinder)
1240-1400	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own	Lunch On Own
1400-1420	V11-11 Discussion	C12-11 Aleutian auklets, climate, and copepods: investigating the relationship between ocean climate and chick diet over two decades (Bond; Jones; Sydeman; Minobe; Williams; Byrd; Major)	V13-5 Geographic variation in persistent organic pollutants in an avian top predator, the great skua: influence on feather corticosterone, body condition and biomarkers of health (Bourgeon; Fisk; Furness; Strøm; Petersen; Gabrielsen; Bustnes)	C13-11 Multistate models for estimation of demographic parameters of a solitary nesting seabird, the Kittlitz's Murrelet (Kissling; Lukacs; Gende; Lewis)	C14-11 Waterbirds and wind: establishing sustainable limits on incidental mortality for seabirds within the western Atlantic Basin (Watts)
1420-1440		C12-12 The influence of bottom-up physical forcing on the provisioning of alcid chicks (Schrimpf; Parrish)	V13-6 Metal concentrations and biomarker responses in eider ducks in the Canadian Arctic (Gilchrist; Wayland; Gilchrist; Marchant; Smits)	C13-12 The role of the non-breeding period in population dynamics of sea ducks: a peek inside the black box (Esler)	C14-12 Effects of ship traffic on divers and sea ducks in German offshore waters (Schwemmer; Mendel; Garthe)
1440-1500			CP Legacy Plenary		
1500-1520					
1520-1540	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
1540-1600					
1600-1620					
1620-1640			CP Legacy Plenary		
1640-1700					