

**1st World Seabird Conference
Contributed Sessions**

#	Lead Author/Presenter	Presentation
C1 Foraging Ecology		
C1-1	Charles Bost	Short and long-term consequences of the dynamic of the Polar Front on King Penguins foraging.
C1-2	Akinori Takahashi	Spatial movement linked to diving behaviour in Chinstrap Penguins
C1-3	Jana Kotzerka	Contrasting foraging strategies of Black-legged Kittiwakes between pre-breeding and breeding stage
C1-4	Rosana Paredes	Gender differences in foraging distribution of Black-legged Kittiwakes nesting at two Bering Sea colonies: responses to changing food availability.
C1-5	Paul Thompson	Linking changes in seabird colony dynamics to environmental drivers
C1-6	Scott Shaffer	A tale of two hot spots: at-sea segregation in Hawaiian Albatrosses
C1-7	Vitor Paiva	The foraging plasticity of a pelagic seabird species feeding along a marine productivity gradient
C1-8	Emeline Pettex	Fantastic-elastic : foraging plasticity of Norwegian Northern Gannets in time and space
C1-9	Philippe Sabarros	Fine-scale association between foraging patterns of Cape Gannets and submesoscale fronts
C1-10	Carlos Zavalaga	Contrasting the foraging movements and diving behavior of upwelling and tropical seabirds: Peruvian vs. Nazca Boobies
C1-11	Julia Sommerfeld	Tasman Boobies modulate their foraging behaviour in response to seasonal changes of marine environmental parameters
C1-12	Cédric Cotté	Importance of the filamentary circulation on the foraging activity of a tropical seabird
C2 Distribution and Abundance at Sea		
C2-1	Allan O'Connell	Hierarchical models for estimating seabird distributions in the Northwest Atlantic
C2-2	Sébastien Jaquemet	Seabird distribution in relation to mesoscale eddies in the Mozambique Channel
C2-3	Robert Suryan	Chlorophyll persistence indicates 'hotspots' of primary and tertiary productivity: implications for trophic transfer and biodiversity conservation
C2-4	Elizabeth Phillips	Anomalous Pink-footed Shearwater abundances in Oregon and Washington coastal waters: an ecosystem indicator in the northern California Current
C2-5	Martin Raphael	Abundance and productivity of the Marbled Murrelet in the San Juan Archipelago, Washington, USA
C2-6	Martin Renner	Changes in the distribution of hotspots of pelagic species diversity and abundance in the Bering Sea and North Pacific over four decades.
C3 Physiology, Energetics and Nutrition		
C3-1	William Satterthwaite	Unifying quantitative life history theory and field endocrinology to assess prudent parenthood in Black-legged Kittiwakes
C3-2	Linda Takahashi	Behavioural interactions between breeding Common Murres in relation to corticosterone during co-attendance
C3-3	Rachel Sprague	Timing of fledging is influenced by glucocorticoid physiology in Laysan Albatross chicks
C3-4	Katarzyna Wojczulanis-Jakubas	Sex differences in body condition in Little Auk <i>Alle alle</i> during the whole breeding season
C3-5	Glenn Crossin	A carry-over effect of migration underlies individual variation in reproductive readiness and extreme egg-size dimorphism in Macaroni Penguins
C3-6	Rebecca Holberton	Body mass may not always reveal important variation in energetic condition during the onset of breeding in the Atlantic Puffin (<i>Fratercula arctica</i>)
C3-7	Jonathan Green	Evaluating threats to Australasian gannets by measuring energetics
C3-8	Vincent Viblanc	Holding the fast: energetic and behavioral adjustments in courting and incubating male King Penguins
C3-9	Michelle Kappes	Comparative foraging behavior and energetics in three species of albatrosses
C3-10	Jannik Schultner	Application of the two-sample doubly labeled water method alters behaviour and affects estimates of energy expenditure in Black-legged Kittiwakes
C3-11	Gal Ribak	Hydrodynamics of avian foot-propulsion while feeding near the bottom

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C3-12	Shiway Wang	Estimating seabird diets using quantitative fatty acid signature analysis: the effect of fatty acid composition and variability of forage species
C4 Tools and Techniques for Colony Monitoring		
C4-1	Peter Barham	Non-invasive monitoring of colonial seabirds using computer vision: scope and limitations as exemplified on African Penguins and Bank Cormorants
C4-2	Philip Trathan	Penguins from space: estimating Emperor Penguin (<i>Aptenodytes forsteri</i>) populations through faecal stains and image recognition analysis of individuals and huddles
C4-3	Jenna Cragg	Using radar to test the consistency in use of forest nesting habitat by Marbled Murrelets
C4-4	Rachel Buxton	Acoustic monitoring of island recovery: A case study in the Aleutian Archipelago
C4-5	Abe Borker	Acoustic measures of activity as an index of relative abundance at seabird colonies
C5 Breeding Biology and Behaviour		
C5-1	Genevieve Jones	Sex-biased chick production in Wandering Albatrosses: who produces the rarer sex?
C5-2	Lindsay Young	A male's dream come true: causes and consequences of female-female pairing in Laysan Albatross
C5-3	Sveinn Are Hanssen	White wing plumage as a signal of individual quality in both sexes
C5-4	Yukiko Inoue	Variations of the timing of breeding and fledging success in Great Cormorants among years and colonies: Is there an effect of food quality?
C5-5	Sergio Ancona	El Niño in the Warm Tropics: local sea temperature predicts breeding parameters and growth of blue-footed boobies
C6 Seabird, Fisheries and Bycatch		
C6-1	Donald Lyons	Predator-prey interactions between seabirds and salmonids: a global perspective
C6-2	Villy Christensen	Ecological impact of forage fisheries: mechanism, effect, and management options
C6-3	Troy Guy	Understanding the risk and voluntarily reducing seabird bycatch in the United States West Coast groundfish fisheries
C6-4	Stephani Zador	Fast-tracking seabird data into Alaskan fisheries management decisions
C6-5	Stephen Votier	Individual responses of seabirds to commercial fisheries revealed using GPS tracking, stable isotopes and vessel monitoring systems
C6-6	Leigh Torres	Fine-scale GPS tracking data reveal gender differences in overlap rates of Buller's Albatross with commercial fishing vessels
C6-7	Yann Tremblay	In-situ underwater videos of foraging seabirds shed light on feeding success and relationships with prey and other predators
C7 Biology and Ecology of Senescence		
C7-1	Lise Aubry	Age-specific trade-offs and unobserved heterogeneity in a long-lived seabird: implications for senescence
C7-2	Rene Beamonte-Barrientos	Love at older ages: courting behavior in senescent Blue-footed Boobies
C7-3	Kyle Elliott	The prudent parent meets old age: senescence in Thick-billed Murres
C7-4	Jack Cerchiara	Reproductive age and telomere length in Magellanic Penguins (<i>Spheniscus magellanicus</i>)
C7-5	Yuichi Mizutani	Annual dynamics of telomere length in black-tailed gull in the wild
C7-6	Vincent Lecomte	Patterns of aging in an extremely long-lived seabird, the Wandering Albatross, <i>Diomedea exulans</i>
C8 Conservation I: Colonies		
C8-1	Etienne Bemanaja	Is there a future for seabirds of Madagascar?
C8-2	Evgeny Syroechkovskiy	Navarin seabird cliffs: first inventory of the last unexplored big seabird colony in the North Pacific

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C8-3	Gregg Howald	A global review of mammal eradications on islands and their role in seabird conservation
C8-4	Daniel Roby	Island building to replace a declining critical habitat resource and restore colonial seabirds
C8-5	Stephen Kress	Predicting outcomes of seabird restoration projects
C8-6	Erin McCreless	Prioritizing seabird breeding islands for invasive mammal eradications
C9 Migration and Dispersal		
C9-1	Carsten Egevang	Fuelling up for the world's longest annual migration: the importance of at-sea hot-spots
C9-2	Iain Stenhouse	Trans-equatorial migration route and important stopover sites of the Sabine's Gull
C9-3	Lorna Deppe	Spatio-temporal dynamics of albatross breeding on New Zealand's Chatham Islands during the breeding and non-breeding season
C9-4	Laura McFarlane Tranquilla	Year-round tracking of murre species, colony, and individual-specific wintering locations in the Northwest Atlantic
C9-5	Anders Mosbech	The year-round migration pattern of thick-billed murre breeding in W and NW Greenland tracked with satellite transmitters and geolocators
C9-6	Jean-Baptiste Thiebot	Winter migration of diving predators tracked by light-based geolocation
C9-7	Maria Bogdanova	Carry-over effects of breeding success on overwinter movements and distribution of Black-legged Kittiwakes
C9-8	April Hedd	Year-round tracking of Sooty Shearwaters from the Falkland Islands identifies important marine bird areas in the North and South Atlantic
C9-9	Takashi Yamamoto	Individual consistencies in migratory behaviour of streaked shearwaters over two successive years
C9-10	Patrick Pinet	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
C10 Marine Protected Areas		
C10-1	Katrin Ludynia	The first Namibian Islands Marine Protected Area: a conservation measure for endangered seabirds in the Benguela Upwelling System
C10-2	Susie Grant	Using seabird distribution data in the selection and design of Antarctic marine protected areas
C10-3	Gail Davoren	The importance of prey biology and behaviour in identifying and delimiting marine biological hotspots in Eastern Canada
C10-4	David Lieske	A model-based atlas of Atlantic Canadian seabirds-at-sea: mapping distribution for conservation priority setting at the regional level
C10-5	Stefan Garthe	Protected areas in German offshore waters: designation, retrospective consideration and current perspectives
C10-6	Kerstin Kober	Identifying marine protected areas for seabirds in United Kingdom offshore waters
C10-7	Andy Webb	Using the spatial distribution of inshore marine birds to identify sites for MPAs around the United Kingdom
C10-8	Patrícia Amorim	Important areas for seabirds in Azores
C10-9	Pep Arcos	Identification and designation of Marine Protected Areas regarding seabirds: Spain as a pioneering example
C10-10	Kathy Kuletz	Using broadscale distributions of murre, kittiwake, and their prey on the Bering Sea Shelf to inform decisions on MPA's
C10-11	James Lovvorn	Linking habitat dependence and oceanography to model protected areas for wintering eiders in the Bering Sea
C11 Climate Change and Ecosystem Dynamics		
C11-1	Lynda Chambers	Climate change and seabirds: recent findings from the Australian Region
C11-2	Sarah Burthe	Phenological changes across four trophic levels in a marine ecosystem: evidence of trophic mismatch in the North Sea

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C11-3	Henrik Skov	Responses by non-breeding seabird populations to wide-ranging regime shifts in the Baltic Sea
C11-4	Dariusz Jakubas	Response of Dovekie to climate-induced changes of marine conditions in the high Arctic
C11-5	George Divoky	From too cold to too hot in four decades: a short-lived thermal window closes for Black Guillemots in northern Alaska
C11-6	Gary Borstad	Satellite observations of winds and ocean colour accurately hindcast inter-annual variability in seabird productivity at Triangle Island
C12 Seabird Diet: Adults and Chicks		
C12-1	Birgit Braune	Effect of climate change on diet and contaminant exposure in seabirds breeding in northern Hudson Bay
C12-2	Alejandro Gatto	Trophic resource partitioning among terns in different species coexisting contexts: an integrated classical and isotopic niche approach
C12-3	Larisa Lee Cruz	Intraspecific competition and sexual segregation in the Galápagos Blue-footed Booby evaluated through stable-isotope analysis
C12-4	Ann Edwards	Variable foraging strategies of Laysan Albatross in relation to ecosystem change and fisheries overlap
C12-5	Nick Hatch	Seasonal differences in the diet of Kittlitz's Murrelets, a seabird of conservation concern, as inferred from stable isotope analysis
C12-6	Michael Polito	Stable isotopes reveal regional variation in the pre-breeding diets and foraging habitats of sympatrically breeding Pygoscelis penguins in the Antarctic Peninsula
C12-7	Maelle Connan	Diet of Sooty and Light-mantled albatrosses breeding in the Prince Edward Islands: a multiple-indicator approach
C12-8	Renata Medeiros	An ecologist's worse nightmare: using molecular tools to study the diet of small seabirds
C12-9	Ine Dorresteijn	Foraging ecology of planktivorous least auklets indicates regulation of zooplankton availability by physical processes in the Pribilof Domain
C12-10	Leslie Slater	When the Menu is Just a Starting Point: Chick Response to Variable Diet Resources
C12-11	Alexander Bond	Aleutian auklets, climate, and copepods: investigating the relationship between ocean climate and chick diet over two decades
C12-12	Michael Schrimpf	The influence of bottom-up physical forcing on the provisioning of alcid chicks
C13 Demography and Population Modeling		
C13-1	Yasuko Suzuki	Bonanza or scourge? Metapopulation dynamics of Caspian Terns in the Pacific Coast Region of North America
C13-2	Emily Barlow	Quantifying dispersal rate, distance and direction over a large spatial scale in the European Shag (<i>Phalacrocorax aristotelis</i> (L.))
C13-3	Derek Lee	Impacts of climate variability on Cassin's Auklet (<i>Ptychoramphus aleuticus</i>) in Central California
C13-4	Kyle Morrison	Demographic consequences of extreme climate events for three North Pacific seabird species
C13-6	Celine Le Bohec	Modelling demography and extinction risk in the King Penguin under climate-warming scenarios
C13-7	Louise Emmerson	Adélie penguin survival: age structure, temporal variability and the influence of the marine ice environment
C13-8	Matthieu Fortin	Variation in demographic parameters in the European Shag <i>Phalacrocorax aristotelis</i> in Brittany, France
C13-9	Eric VanderWerf	Estimating survival and life stage transitions in a long-lived seabird, the Laysan Albatross, using multi-state mark-recapture models
C13-10	Christine Hunter	Estimating robust survival estimates for species that don't return to breeding colonies every year.

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C13-11	Michelle Kissling	Multistate models for estimation of demographic parameters of a solitary nesting seabird, the Kittlitz's Murrelet
C13-12	Dan Esler	The role of the non-breeding period in population dynamics of sea ducks: a peek inside the black box
C14 Conservation II: Species and Marine		
C14-1	Nicholas Carlile	Establishment of a new, secure colony of the critically endangered Bermuda Petrel
C14-2	Graeme Taylor	Saving the critically endangered Magenta Petrel from extinction
C14-3	Juan Martínez Gómez	The demographic dilemma of Townsend's Shearwater
C14-4	Erin Hagen	Threats to Pink-footed Shearwaters on their breeding colonies
C14-5	Judy Jacobs	Short-tailed Albatross recovery: results of chick translocation and rearing project
C14-6	Maria Gavriilo	Breeding habitats of the ivory gull in Russian Arctic and climate change: monitoring, threats and protection
C14-7	Victor Yu	Research and conservation of the world's rarest seabird; the Chinese Crested Tern
C14-8	Janos Hennicke	Foraging ecology, blood parasites and challenges for conservation: the critically endangered Christmas Island Frigatebird
C14-9	Lisa Nupen	Population connectivity and the conservation genetics of Cape Gannets (<i>Morus capensis</i>)
C14-10	Rhys Bullman	Assessing the impacts of marine wave and tidal energy devices on seabirds in Scottish territorial waters
C14-11	Bryan Watts	Waterbirds and wind: establishing sustainable limits on incidental mortality for seabirds within the western Atlantic Basin
C14-12	Philipp Schwemmer	Effects of ship traffic on divers and sea ducks in German offshore waters