

# 11th International Conference on the Applications of Stable Isotope Techniques to Ecological Studies (IsoEcol 2018).

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30 July – 3 August 2018

Universidad Andrés Bello, Viña del Mar, Chile.



## POSTER PRESENTATION SCHEDULE

[www.IsoEcol.com/2018/IsoEcol2018\\_Schedule.html](http://www.IsoEcol.com/2018/IsoEcol2018_Schedule.html)

# Poster session 1



**Monday 30.7.18 19:00 – 21:00**

**NB: Please display your posters in the morning so that delegates can read them during the coffee and lunch breaks.**

**Then please stand by your poster between 19:00 – 21:00**

Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
BC154NK	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Killian Galván Violeta	Imperial diets? Using stable isotope analysis to explore the local impact of the Inka Empire in Antofagasta de la Sierra (Catamarca, Argentina)	Killian Galván Violeta A.	violetakillian@gmail.com
CH378CG	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Morra Kaycee E.	Seasonal and Decadal-scale Foraging Habits of Three Hawaiian Seabirds: Insights from Stable Isotope Analysis	Morra Kaycee	morrakay@msu.edu
CJ185JH	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Guiry Eric	Isotopic evidence from archaeological fish shows significant environmental change in past Great Lakes ecosystem	Guiry Eric	eguiry@lakeheadu.ca
DF288KC	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	de Porras Maria Eugenia	Into the tropical-extratropical rainfall systems interaction in the southern Atacama Desert since 17ka	de Porras Maria Eugenia	meugenia.deporras@ceaza.cl
FD128TC	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Naito Yuichi	Paleodiets of late Quaternary humans and mammals inferred from nitrogen isotopic composition of individual amino acids in bone collagen	Bocherens Hervé	herve.bocherens@uni-tuebingen.de
GB788SS	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Szpak Paul	Impact of Prehistoric Human Hunters on the Foraging Ecology of the Arctic Fox	Szpak Paul	paul.szpak@gmail.com
GH963BG	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Faylona Marie Grace Pamela	The Early Pleistocene environment in Java: A palaeoenvironmental reconstruction from stable isotope analyses of Sangiran fossil shells	Faylona Marie Grace Pamela	faylona.mgpg@pnu.edu.ph
JG776BN	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Cybulski Jonathan	Unraveling nutrient assimilation into the coral skeletal organic matrix has implications for historical interpretations	Cybulski Jonathan	cybulski.j@gmail.com
JJ183DR	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Naito Yuichi	Gazelle hunting activities around Tor Hamar rock-shelter in Jordan viewed from carbon and oxygen isotopic compositions of tooth enamel	Bocherens Hervé	herve.bocherens@uni-tuebingen.de
KB554HC	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Vales Damián	Trophic ecology of fur seals and sea lions from northern Patagonia and their food webs through time	Vales Damián Gustavo	vales@cenpat-conicet.gob.ar
KD427SP	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Tessone Augusto	d13C and d15N herbivores variability in a longitudinal transect of southern Patagonia during the Holocene	Tessone Augusto	gutitessone@gmail.com
LB931CD	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Gil Adolfo	Variability on Stable Isotopes (13C, 15N) of Camelids Bone Collagen: Implication to Holocene Human Paleoecology	Gil Adolfo	agil@mendoza-conicet.gob.ar
MB848CD	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Brodie Christopher	Simultaneous Nitrogen, Carbon and Sulfur isotope analysis on Bone collagen: A dietary recorder	Brodie Christopher	chris.brodie@thermofisher.com

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TP472KN	Archaeology and Palaeoecology	Poster session 1	Mon 30.7.18 19:00 - 21:13	Hirons Amy	<del>Paleoceanographic Productivity Reconstructions Using Marine Mammal Bone Collagen</del>	Hirons Amy	hirons@nova.edu
MT511BB	Biogeochemical cycles and global change	Poster session 1	Mon 30.7.18 19:00 - 21:00	Fox-Dobbs Kena	The role of log mat biofilm in the Spirit Lake ecosystem after the eruption of Mount St. Helens	Sevier Emma	esevier@pugetsound.edu
QF614NR	Isoscapes and movement ecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	de Lecea Ander	Linking consumers' isoscapes to modelled primary production in the English Channel	Carlier Antoine	antoine.carlier@ifremer.fr
BH389QR	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Andrade Claudia	Trophic study of the Southern King Crab <i>Lithodes santolla</i> in the Cape Horn Archipelago based on stomach content and carbon- and nitrogen-stable isotopes	Andrade Diaz Claudia	claudia.andrade@umag.cl
BJ661PG	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Loizaga de Castro Rocio	Isotopic evidence of structuring killer whale groups along the Southwestern South Atlantic Ocean	Loizaga de Castro Rocio	rocio@cenpat-conicet.gob.ar
BQ869RP	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Bernal Ainhoa	Trophodynamics of ichthyo- and mesozooplankton from Chiloé's inner sea (Northern Patagonia) based on C and N isotopes	Bernal Ainhoa	ainhoa.bernal@gmail.com
BS261MM	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Cionek Vivian	Landscape modification on the food web structure of Neotropical streams	Benedito Evanilde	EVA@NUPELIA.UEM.BR
CB221PQ	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Androuin Thibault	Trophic relationships between co-occurring benthic suspension-feeding species, a matter of scale?	Androuin Thibault	thibault.androuin@ifremer.fr
CC657ML	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Pereira Luiza	Isotopic niche differentiation between bottlenose dolphin ecotypes of the western South Atlantic	Becker Pereira Luiza	luizabeckerpereira@gmail.com
CC875PF	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Harrod Chris	Stable isotope analysis reveals varied foraging strategies and the importance of red algae in the diet of <i>Chelonia mydas</i> in the north of Chile	Harrod Chris	chris@harrodlab.net
CH326CQ	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Costalago David	Plankton food-web pathways to juvenile salmon.	Costalago David	d.costalago@oceans.ubc.ca
CM966RM	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Fernández Elsa	Using stable isotopes to assess the utility of fatty acids biomarkers of pelagic and benthic resources in kelp-forest fishes	Fernández Herrera Elsa	efernandez@harrodlab.net
CN464HS	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Gómez Gonzalo	Using isotopic niche metrics to assess responses by soft-bottom macrobenthos to natural oscillations in dissolved oxygen concentrations in a upwelling-associated oxygen minimum zone.	Gómez Gómez Gonzalo Eduardo	gonzalo.gomez@ua.cl

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CN554CF	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Ocampo Reinaldo Matías	Using stable isotopes derived trophic position to improve mass-balanced food web models	Ocampo Reinaldo Matías	maticre@gmail.com
CT626LF	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Cobain Matthew	On the geometry of the isotopic niche	Cobain Matthew	mrdc1g10@soton.ac.uk
DC393KN	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Peignot Quentin	Influence of environmental conditions on Antarctic Notothenioid trophic ecology in a context of global climate change	Michel Loic	loicnmichel@gmail.com
DD311BD	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Jenkins William	Host feeding ecology and trophic position significantly influence isotopic discrimination between a generalist ectoparasite and its hosts: implications for parasite-host trophic studies	Demopoulos Amanda	ademopoulos@usgs.gov
DH132HF	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Zenteno Lisette	Following the food sources and trophic ecology of an Antarctic coastal benthic community	Zenteno Lisette	lisette.zenteno@gmail.com
DP421TB	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Ribeiro Juliana	Effect of locomotion habits and structural complexity of vegetation in the trophic niche of communities of small mammals of the Central Brazilian Savannas	Ribeiro Juliana	jufernandesribeiro@gmail.com
DQ566QC	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Smith Mairan	The role of anthropogenic food sources in the diets of urban raccoons ( <i>Procyon lotor</i> ) and Virginia opossums ( <i>Didelphis virginiana</i> ) in the Pacific Northwest, USA	Smith Mairan	mairansmith@gmail.com
FF119LN	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Androuin Thibault	The dark side of soft tissue: non-expected inorganic carbonates in the invasive slipper limpet <i>Crepidula fornicata</i> and implications for stable isotope interpretations	Androuin Thibault	thibault.androuin@ifremer.fr
FJ185DF	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Whiteman John	Carbon and nitrogen isotopes trace nutrients from wood on the ocean floor into microbial and animal communities	Whiteman John	jwhiteman@unm.edu
FQ975PQ	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Tiago Kisaka	Isotopic assessment of benthic periphyton under open canopy and nutrient enrichment in shaded oligotrophic streams of Central Brazil	Kisaka Tiago	tiagobk.df@gmail.com
KM665LN	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*García Karla	Trophic ecology and niche overlap between the invasive American mink and native European mink	García Karla	karla.garcia.cl@gmail.com
NR478PD	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Le Croizier Gaël	Trophic competition and habitat connectivity between shark species from oceanic islands in the Northeastern Pacific.	Mathieu-resuge Margaux	margaux.mathieuresuge@univ-brest.fr
QD486LD	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Manosalva Aliro	Latitudinal variation of the trophic niche of puye <i>Galaxias maculatus</i> (Jenyns, 1842) in river systems in southern Chile (36 ° - 47 ° S)	Manosalva Aliro	aliromanosalva@gmail.com

Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
QR249HQ	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Hayden Brian	Identifying the resource use of larval sea lamprey in their native habitat – novel insights from a four isotope approach	Hayden Brian	brian.hayden@unb.ca
RM758FP	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	Perez Medina Stefania	Invasive juvenile salmon affect the diet of native puye Galaxias maculatus in Patagonian fjords	Górski Konrad	konrad@ucsc.cl
TR463RP	Isotope ecology from individuals to communities A	Poster session 1	Mon 30.7.18 19:00 - 21:00	González Bergonzoni Ivan	Origin of fish biomass in a diverse food web of a large subtropical river: increasing allochthonic biomass following flood pulses	Gonzalez Bergonzoni Ivan	ivg@fcien.edu.uy
QL659CF	Plant isotope ecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	*Meurer Lara	Influence of climatic parameters on stable isotopes in scots pines in Potsdam, Germany	Meurer Lara	lmeurer@students.uni-mainz.de
JH622SL	Soil isotope ecology	Poster session 1	Mon 30.7.18 19:00 - 21:00	Hood-Nowotny Rebecca	Impacts of nitrogen deposition on forest biogeochemical processes measured in new pools, across a trans-European gradient, investigated using a tool kit of stable isotope methods.	Hood Rebecca	rebecca.Hood@boku.ac.at

# Poster session 2



**Tuesday 31.7.18 19:00 – 21:00**

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Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
CP249NF	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	Díaz Francisca	A 50,000 year d15N record of past variations in climate and nitrogen cycling from the Atacama Desert: terrestrial or marine sources?	Díaz Aguirre Francisca Paulina	fpdiaz@gmail.com
DF982QF	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	Liénart Camilla	Dynamics of particulate organic matter composition in coastal systems: forcing of the spatio-temporal variability at multi-systems scale	LIENART Camilla	camilla.lienart@gmail.com
FD583NN	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	Gonçalves Reis Carla Roberta	Assessment of leaf $\delta^{15}\text{N}$ and N concentrations as indicators of nitrogen dynamics in subtropical mangroves	Nardoto Gabriela	gbnardoto@gmail.com
GH543PH	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	Hunt Brian	Terrestrial contributions to the marine food web from pluvial watershed in the northeast Pacific Temperate Coastal Rainforest domain	Hunt Brian	b.hunt@oceans.ubc.ca
HD923GB	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	Crespo Sebastián	Hydro-geochemical water inputs identification in glacierized basin hydrology	Crespo Sebastián Andrés	sebacrespo.oliva@gmail.com
HJ311HJ	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Polanco Gabriela	Vertical and temporal variation in the concentration of stable isotopes of Nitrogen during upwelling events, in front of Punta Ángeles, Valparaíso.	Polanco Cabrera Gabriela	gabriela.polanco.16@gmail.com
NJ737JL	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Love Connor	Hydrocarbon production by marine cyanobacteria in the open ocean: a precursor for the Oceans' ability to naturally recover from oil input	Love Connor	connorlove94@gmail.com
QC745MC	Biogeochemical cycles and global change	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Jéssica Airisse Sampaio	Changes in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ by biological invasion in subtropical mangroves, Brazil	Sampaio Jéssica	jeeairisse@gmail.com
SQ853TR	Celebrating the contribution of Brian Fry to Isotope Ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Newsome Seth	Individual diet specialization in a community of granivorous small mammals living in a stochastic environment	Newsome Seth	newsome@unm.edu
BB675CM	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	wilderotter sophie	Spatial and temporal variation in tap water isotopes from a large metropolitan area in the northeastern United States	wilderotter sophie	sophie.wilderotter@ars.usda.gov
CD631QJ	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Neves Glauber	The distribution $\delta^{13}\text{C}$ in the Central Brazilian Savanna and its historical occupation process	Neves Glauber	glauber.unb@gmail.com
GR259GH	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*St John Glew Katie	Where do seabirds moult over winter? - A combined data logger and isoscape assignment approach	St John Glew Katie	katie.stjohnglew@soton.ac.uk
HK428MD	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	de la Vega Camille	Can we detect changes in Arctic ecosystems? (ARISE) - An isoscape of the Arctic Regions	de la Vega Camilla	Camille.De-La-Vega@liverpool.ac.uk
JD327PN	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Sepulveda Maritza	A marine top predator shows expected $\delta^{15}\text{n}$ but unexpected $\delta^{13}\text{c}$ values along a latitudinal gradient	Sepulveda Maritza	maritza.sepulveda@uv.cl



KF712SR	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Galván David	A zooplankton d13C and d15N isoscape of San Jorge Gulf, Argentina: the potential for tracking movement and habitat use of top predators over small spatial scales.	Funes Manuela	manuelafunes@yahoo.com.ar
KJ975RT	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Costa Fabio	Geographical assignment using $\delta^{18}O$ of Turquoise-fronted Parrot along the southwest-wetland to the Central savanna region in Brazil	Nardoto Gabriela	gbnardoto@gmail.com
KR873PL	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Crowley Brooke	Testing the utility of isotopes in feces for noninvasively studying the spatial ecology of big cats	Crowley Brooke	brooke.crowley@uc.edu
QH852RQ	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Carpenter-Kling Tegan	Using an agent-based movement model to test different drivers which lead to the $\delta^{13}C$ tissue values of a seabird	Trueman Clive	trueman@noc.soton.ac.uk
QM651KN	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Newton Jason	A UK/Ireland insect isoscape	Newton Jason	jason.newton@glasgow.ac.uk
SR826SF	Isoscapes and movement ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Gayo Eugenia	Baseline isoscapes for the western Andean region (18°-22°S)	Gayo Eugenia	emgayo@uc.cl
FR847CG	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Riquelme-Bugueno Ramiro	Isotopic changes in the euphausiid <i>Stylocheiron</i> sp. in the eastern South Pacific	Riquelme Ramiro	RAMIRO.RIQUELME@GMAIL.COM
GC359KH	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Vargas Fernanda	Analysis of trophic aspects in <i>Mustelus mento</i> (Cope 1877) in the central-northern zone of Chile, by studying stomach contents and stable isotopes	Vargas Acevedo Fernanda Noemí	fernanda.vargasacevedo90@gmail.com
GD992GB	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Valdivia Meica	Aspects of trophic ecology of odontocetes species from Uruguay	Valdivia Meica	meicavaldivia@gmail.com
GL442GQ	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Bastos Rodrigo	The isotopic niche overlap and segregation of two snappers (Pisces: Lutjanidae) in a tropical seascape of mangroves and coral reefs.	Ferreira Bastos Rodrigo	bio.rfbastos@gmail.com
GP321PC	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Jacquier Mickael	"Chicken-eating" foxes: isotopic evidence of individual specialisation in a rural population of red fox	Simon Laurent	simon@univ-lyon1.fr
GP893MB	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Pompermaier Vinicius	Isotope niche of active soil insects as a proxy of vegetation structural complexity in neotropical savanna landscapes	Kisaka Tiago	tiagobk.df@gmail.com
GS437CS	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*González Karina	Geographic variation in trophic position and the contribution of basal resources fuelling loco <i>Concholepas concholepas</i> , a Chilean keystone gastropod.	González Karina	karina@harrodlab.net
HC337KM	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Sturaro Nicolas	Trophic plasticity of scleractinian corals under contrasted environmental conditions: evidence from stable isotope analysis	STURARO Nicolas	nicolas.sturaro@uliege.be
HD264PD	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Bird Christopher	A global perspective on the trophic geography of sharks	Trueman Clive	trueman@noc.soton.ac.uk

HL136RC	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Julca Joseph	Comparison of the trophic ecology between the shortfin mako <i>Isurus oxyrinchus</i> and the blue shark <i>Prionace glauca</i> , in front of the Southeastern Pacific waters	Julca Joseph	jjulca@uc.cl
JS218MS	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Durante Cristian	Trophic niche and habitat use of two sympatric endemic dolphin species from Patagonia, Argentina.	Durante Cristian Alberto	kilydurante@gmail.com
KQ588FS	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Michel Loïc	Towards a global, freely available database of stable isotope ratios in foundation species from deep-sea hydrothermal vents and cold seeps	Michel Loic	loicnmichel@gmail.com
MT398FT	Isotope ecology from individuals to communities B	Poster session 2	Tue 31.7.18 19:00 - 21:00	Mariano-Jelicich Rocio	Trophic relationships in a seabird assemblage associated with fisheries at the Patagonian Continental Shelf.	Mariano-Jelicich Rocio	rmjelic@mdp.edu.ar
BF873FH	Microbial isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Docmac Felipe	Using POM stable isotope values to characterise upwelling effects on variation of coastal microbial communities.	Docmac Felipe	f.docmac@gmail.com
BK672RJ	Microbial isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Alonso Lise	Potential dissemination of microorganisms by invertebrates: is the trophic activity of Collembola responsible for microbial stain dissemination in Lascaux Cave (SW France) ?	Simon Laurent	simon@univ-lyon1.fr
RS965SN	New methods and models in isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Elliott Smith Emma A.	Characterizing energy flow in nearshore ecosystems using amino acid $\delta^{13}C$ analysis	Elliott Smith Emma	eaelliott@unm.edu
PP197MK	Physiology and biochemistry	Poster session 2	Tue 31.7.18 19:00 - 21:00	Chung Ming-Tsung	Field metabolic rates of teleost fishes are recorded in otolith carbonate	Trueman Clive	trueman@noc.soton.ac.uk
QC194FQ	Physiology and biochemistry	Poster session 2	Tue 31.7.18 19:00 - 21:00	Darenova Eva	Effect of drought on grassland $CO_2$ efflux and its $\delta^{13}C_{CO_2}$	Darenova Eva	darenova.e@czechglobe.cz
BB168HP	Plant isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Roig Fidel Alejandro	Towards the identification of past atmospheric conditions through a high-resolution $\delta^{13}C$ tree-ring record for the last 400 years in Patagonia	Roig Fidel Alejandro	froig@mendoza-conicet.gob.ar
HG788TH	Plant isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Skates Laura	How carnivorous are carnivorous plants? Investigating reliance on heterotrophy using natural abundance stable isotope techniques	Skates Laura	Laura.Skates@research.uwa.edu.au
JR819PM	Plant isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	Arco Julieta Gabriela	Variations in the intrinsic water-use efficiency of <i>Araucaria araucana</i> trees under a present climate change scenario: tree age and site conditions effects	Arco Molina Julieta Gabriela	jarco@mendoza-conicet.gob.ar
NQ715TK	Plant isotope ecology	Poster session 2	Tue 31.7.18 19:00 - 21:00	*Giesemann Philipp	Hidden robbery: A new multi-element stable isotope natural abundance approach discloses organic carbon-gain effectiveness of $C_3$ -hemiparasites from $C_3$ -host plants.	Giesemann Philipp	philipp.giesemann@uni-bayreuth.de

# Poster session 3



**Thursday 2.8.18 19:00 – 21:00**

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Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
CR748MP	Isotope ecology from individuals to communities A	Poster session 3	Thur 2.8.18 19:00 - 21:00	MacKenzie Kirsteen	Isotopic characterisation of an inshore tropical pelagic ecosystem	MacKenzie Kirsteen	kirsteen.mackenzie@hi.no
DK352DR	Isotope ecology from individuals to communities A	Poster session 3	Thur 2.8.18 19:00 - 21:00	Pérez Pablo	Characterising trophic ecology and evidence for stock structure in the punctuated snake-eel ( <i>Ophichthus remiger</i> ) using analysis of stable isotopes, fatty acids and metal concentrations.	Pérez Pablo	pablo.qind@gmail.com
FB547HS	Isotope ecology from individuals to communities A	Poster session 3	Thur 2.8.18 19:00 - 21:00	Lefebvre Sebastien	Benthic-pelagic couplings as key determinants of food web structure along environmental gradients	LEFEBVRE Sébastien	sebastien.lefebvre@univ-lille.fr
LF822TG	Isotope ecology from individuals to communities A	Poster session 3	Thur 2.8.18 19:00 - 21:00	Koester Meike	The invasive aquatic <i>Dikerogammarus villosus</i> - a dangerous killer or an opportunistic omnivore?	Koester Meike	meikekoester@uni-koblenz.de
HT337KN	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Lippi Daniel	Trophic overlap and isotopic niche breath of the mutton snapper ( <i>Lutjanus analis</i> ) along a Northeastern Brazilian mangrove-seagrass-coral reef continuum	Lippi Daniel	daniel_lippi@hotmail.com
JH715QD	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	de la Vega Camille	Seasonal Variation of the harbour seal diet from the Wadden Sea, in relation to prey availability	de la Vega Camilla	Camille.De-La-Vega@liverpool.ac.uk
JK438GJ	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Cari Ilia	Benthic trophic structure of a glacial fjord (Northern Patagonia, Chile): spatial variability of isotopic niche	Cari Ilia	ilia.cari.leal@gmail.com
JR581DL	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Molina-Burgos Blanca Estela	A decade of diet analysis: dietary shifts of the Southern hake and the Patagonian grenadier inferred by stable isotopes	Molina Burgos Blanca	blancaestela.molina@gmail.com
KB576LJ	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Gergs Rene	How to implement stable isotope analyses into ecotoxicological risk assessment of chemicals using aquatic mesocosm experiments?	Gergs Rene	rene.gergs@uba.de
KG165GK	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Riekenberg Philip	A trophic baseline for the Wadden Sea: Examination of the contributing pathways leading to widespread enrichment of basal resources.	Riekenberg Philip	phrieken@gmail.com
LG698CG	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Canales Carlos	Isotopic niche overlap of predators with high trophic levels off the coast of Chile	Canales Cerro Carlos	carloscanalescerro@gmail.com
LG822PB	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	ciancio javier	Isotopic niche plasticity in a marine top predator.	Ciancio Javier	javier.ciancio@gmail.com
LK379HS	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Garbaras Andrius	Evaluating invertebrate grazer reliance on seagrass ( <i>Zostera</i> sp.) or filamentous algae in seagrass meadows in different state of deterioration	Garbaras Andrius	garbaras@ar.fi.lt
LR662GH	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Couturier Lydie	Global-scale analysis of trophic interactions in co-occurring tropical tuna using stable isotope analyses	Couturier Lydie	lydie.couturier@outlook.com
MB866MB	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Gatts Pedro	Isotopic trophic guild structure of demersal fishes in Campos Basin, northern coast of Rio de Janeiro, Brazil.	Gatts Pedro	pedrogatts90@gmail.com

Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
MC239NC	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Funes Manuela	Reef fishes' trophodynamic between trawled and non-trawled environments	Funes Manuela	manuelafunes@yahoo.com.ar
MF476TR	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Herzka Sharon	Is C and N isotope turnover of amino acids a function of dietary protein and protein to energy ratios in marine fishes?	Herzka Sharon	sherzka@cicese.mx
MK792GN	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	He Xinhua	Presence of adjacent grasses enhances while 14NH4+—addition to receiver-pines reduces 15N-movement between paired-pine saplings	He Xinhua	xinhua.he@uwa.edu.au
MP465NB	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Yossa Martha	Carbon source for cachama blanca in farmponds in Orinoco region	Yossa Martha	myossa@unillanos.edu.co
NN336TF	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Teixeira Clarissa	Isotopic niche comparison among three coastal cetaceans from southern Brazil	Teixeira Clarissa	clarissa.rteixeira@gmail.com
NQ469TR	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Liénart Camilla	Stable isotope analyses of archived blue mussels from long-term environmental monitoring programs in the Baltic Sea	LIENART Camilla	camilla.lienart@gmail.com
PJ883RS	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Zapata Germán	Diel changes in the structure and isotopic diversity of coral-reef invertebrates at Easter Island	Zapata Germán	zapata.bm@gmail.com
QB879CQ	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Yossa Martha	Carbon source for coporo llanero Prochilodus mariae in farmpond	Yossa Martha	myossa@unillanos.edu.co
QF769MG	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Botto Florencia	ONTOGENETIC CHANGE OF TROPHIC NICHES BY THE ARGENTINE HAKE (Merluccius hubbsi) EVALUATED WITH STABLE ISOTOPES	Botto Florencia	fbfbotto@gmail.com
QK698HH	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Rowe Audrey	Estimates of primary production sources to Arctic bivalves using amino acid stable carbon isotope fingerprinting	Rowe Audrey	agrowe@alaska.edu
QQ267RP	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Bello Shirly	DIET EVALUATION OF Demochelys coriacea WITH STABLE ISOTOPES IN THE COLOMBIAN CARIBBEAN	Bello Shirly	shirly.belloe@gmail.com
RM467SB	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Quilarque Evelin	Trophic niche of three bird species in northeastern Venezuela: spatial variation in a xerophytic environment	Quilarque Evelin	edquilarque@uc.cl
RS291GM	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Vasquez Sara	Evaluation of the effects of kelp harvesting on trophic ecology of redspotted catshark Schroederichthys chilensis (Guichenot, 1848)	Vasquez Sara	svasquez@magister.ucsc.cl
TB763RJ	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Vesely Lukas	Effect of wastewater on stream food web	Vesely Lukas	veselyl@frov.jcu.cz
TJ186LL	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Alves Gustavo	Resource partitioning underlies the coexistence of two sympatric cichlids in a Neotropical floodplain	Benedito Evanilde	EVA@NUPELIA.UEM.BR

Abstract code	Theme	Poster session	Date/Time	First author	Title	Sent by	E-mail
TJ485DD	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Timmerman Charles-André	A multi-tissue approach for a better understanding of the ecology of commercial fish species	Timmerman Charles-André	charles.andre.timmerman@ifremer.fr
TJ761KN	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	Ribeiro Juliana	Isotopic niche of small mammals from a neotropical savanna	Ribeiro Juliana	jufernandesribeiro@gmail.com
TS375TN	Isotope ecology from individuals to communities C	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Thomas Robyn	The historic foraging ecology of declining tufted puffin ( <i>Fratercula cirrhata</i> ) populations in Washington and Oregon, USA	Thomas Robyn	rthomas0415@gmail.com
CH511MB	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Chenaker Hichem	Oxygen and hydrogen isotope geochemistry of thermal springs in the northern part of eastern Algeria	Chenaker Hichem	drchenaker@yahoo.fr
DN936LT	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Ledesma Matias	Trophic position in two sympatric amphipods determined from nitrogen isotopic composition of amino acids	Ledesma Matias	matias.ledesma@su.se
FG396LF	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	Healy Kevin	Comparing statistical methods for the estimation of trophic enrichment factors	Jackson Andrew	jacksoan@tcd.ie
GS988PC	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Llamazares Vegh Sabina	Lipid corrections in carbon and nitrogen stable isotope analyses in freshwater fishes of the Paraná river, Argentina.	Llamazares Vegh Sabina	sabinallamazares@hotmail.com
HH882PH	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	Wang Lixin	Evapotranspiration partitioning using isotope-based approaches	Wang Lixin	lxwang@iupui.edu
KK891NH	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	Yarnes Chris	Calibration, error estimation, and quality assurance of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ measurements from individual amino acids	Yarnes Chris	chris.yarnes@gmail.com
KL915ND	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	*Hervann Pierre-Yves	Ecodiet: a bayesian model to integrate data from the literature, stomach contents and isotopes to improve diet estimates	Hervann Pierre-Yves	Pierre.Yves.Hervann@ifremer.fr
PF393SM	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	Doll Andrew	Temporal records of diet diversity dynamics in individual adult female Steller sea lion ( <i>Eumetopias jubatus</i> ) vibrissae	Wunder Michael	michael.wunder@ucdenver.edu
TC315MQ	New methods and models in isotope ecology	Poster session 3	Thur 2.8.18 19:00 - 21:00	Brown Julie	Method development and applications of $\text{N}_2$ and $\text{N}_2\text{O}$ measurements in water and gas samples on a GasBench II	Bury Sarah	sarah.bury@niwa.co.nz