



CONFERENCE

GLOBAL CHANGE AND PATAGONIAN ECOSYSTEM RESPONSE: PRESENT AND FUTURE CHALLENGES

COYHAIQUE, CHILE, 22, 23 & 24 OCTOBER 2017 (at the Campus Patagonia Universidad Austral de Chile)

Sunday 22 October 2017		
08:00-08:30 am	Coffee & Registration	Presentation
08:30-08:45	Maria Teresa Marshall, Rectora Universidad de Aysén. Bernabé Rivas, Vicerrector Universidad de Concepción. Humberto Gonzalez, Universidad Austral de Chile	Welcoming words
08:45-09:00	Representative Ministerio de Relaciones Exteriores (MINREL)	
09:00-09:30	Dr. Giovanni Daneri CIEP & Centro COPAS Sur Austral (gdaneri@ciep.cl)	Welcoming words and presentation talk.
09:30-10:15	Dr. Rene Garreaud , Departamento de Geofísica, Centro CR2, Universidad de Chile, Chile (rgarraeu@dgf.uchile.cl)	The climate of Patagonia: From the deep past to the near future.
10:15-10:45	Coffee Break	
10:45-11:30	Dr. Silvio Pantoja , Centro COPAS Sur-Austral, Universidad de Concepción, Chile (spantoja@udec.cl)	Oceanographic Dimensions of Global Change in Patagonia.
11:30-12:15	Dr. Humberto E. González , Universidad Austral de Chile, Chile Centro FONDAP-IDEAL (hgonzale@uach.cl)	Scientific research in high latitude marine ecosystems. How to cope with a huge environmental variability (including global change).

12:15-13:00	Dr. Giorgio Bavestrello , University of Genova, Italy (giorgio.bavestrello@unige.it)	Global warming and structural changes in benthic communities: the lessons of the Mediterranean Sea.
13:00-14:30	Lunch Break with round table	
14:30-15:15	Dr. Jemma Wadham , Bristol University, UK (j.l.wadham@bris.ac.uk)	Investigating the impact of glacier melting upon downstream marine ecosystems in Patagonia.
15:15-16:00	Dr. Camila Fernandez , Observatoire oceanologique de Banyuls sur Mer/CNRS; Université Pierre et Marie Curie, Francia; Universidad de Concepción, Chile (camilafernandez@oceanografia.udec.cl)	Natural and anthropogenic aspects of the N and C cycles in Patagonia.
16:00-16:30	Coffee Break	
16:30-17:15	Dr. Rodrigo Torres , CIEP, Chile (rtorres@ciep.cl)	Ocean acidification: the other CO ₂ problem
17:15-18:00	Dr. Carina Lange , Centros COPAS Sur-Austral & FONDAP-IDEAL, Universidad de Concepción, Chile (clange@udec.cl)	Fjord sediments as archives of past climate changes.
18:00-20:00	POSTER SESSION	

Monday 23 October 2017

08:45-09:30	Dr. Vreni Haussermann , Huinay Scientific Field Station (v.haussermann@gmail.com)	Potential impacts of climate change on the marine life of Chilean Patagonia
09:30-10:15	Dr. Frida Piper , CIEP (fpiper@ciep.cl)	Drought-induced effects on trees in Patagonia.
10:15-11:00	Dr. Eliot McIntire , Canadian Forest Service, University of British Columbia, Canada (eliot.mcintire@canada.ca)	Incorporating changing climate in ecological models: feedback, reversals and surprises abound!
11:00-11:30	Coffee Break	
11:30-12:15	Dr. Alex Fajardo , CIEP, Chile (alex.fajardo@ciep.cl)	Is tree growth responding to climate change as initially expected ?
12:15-13:00	Dr. Ellen Cieraad , Leiden University, The Netherlands (e.cieraad@cml.leidenuniv.nl)	Biogeography under climate change- what are we really seeing?
13:00-13:45	Dr. Brian Reid , CIEP, Chile (brian.reid@ciep.cl)	Lakes as sentinels of Climatic Change; the effect of climate change in small rivers and Patagonian basins: considerations for productive uses, natural risk and conservation.
13:45-14:45	Lunch Break with round table	

14:45-15:30	Dr. Kevin Rose , Rensselaer Polytechnic Institute, US (rosek4@rpi.edu)	Global change in Mountain lakes and the Global Lake Observatory Network.
15:30-16:15	Dr. Claudio Meier , Dept. Of Civil Engineering The University of Memphis, US (cimeier@memphis.edu)	Managing Patagonian fluvial systems under anthropogenic (including climatic) change.
16:15-16:45	Coffee break	
16:45-17:30	Dr. Patricio Moreno Universidad de Chile, Chile (pimoreno@uchile.cl)	Terrestrial Ecosystem change in western Patagonia since the last glacial maximum.
17:30-18:15	Dr. Alejandro Dussailant , Universidad de Aysén & CIEP, Chile (alejandro.dussailant@uaysen.cl)	Impacts of glacial outburst floods in floodplains: a sediment erosion/deposition and vegetation dynamics in Patagonian rivers.
18:30- 20:00	POSTER SESSION	
Tuesday 24 October 2017		
09:00-09:45	Dr. Varyl Thorndycraft , Dept. Of Geography, Royal Holloway, University of London, UK (Varyl.Thorndycraft@rhul.ac.uk)	Geomorphological records of glacier and lake response to climate change in Patagonia: a Late Quaternary perspective
09:45-10:30	Dr. Gerardo Benito Museo Nacional de Ciencias Naturales, CSIC, Madrid, Spain (benito@mncn.csic.es)	Magnitude and timing of glacial Lake Outburst floods of the Río Baker catchment (Northern Patagonian Icefield).
10:30-11:00	Coffee Break	
11:00-11:45	Dr. Sebastien Bertrand Ghent University, Belgium Sebastien.bertrand@UGent.be	Reconstructing the occurrence of past Glacial outbursts floods from fjord and floodplain sediments.
11:45-12:30	Dr. Doris Soto , Centro INCAR Universidad de Concepción, Concepción, Chile (dorsoto@udec.cl)	Addressing climate change vulnerability in southern Chile salmon farming.
12:30-13:15	Dr. Alexander Murray , Marine Laboratory, Marine Scotland Science, UK (Sandy.Murray@gov.scot)	Effects of interacting environmental drivers and of environmental change on the spread of pathogens and disease in salmon aquaculture.
13:15-14:00	Quick lunch (snacks)	

14:00-14:45	Dr. Amalia Nuevo CIEP, Chile (amalia.nuevo@ciep.cl)	Drought induced changes in rural landscapes of XX th century Patagonia.
14:45-15:30	Dr. Cesar Mendez , CIEP, Chile (cesar.mendez@ciep.cl)	The earliest humans in Aysen and the environment they encountered.
15:30	Regional Government of Aysén	Closing words
16:30	Asado Patagón	