



COLLOQUIUM

DR. PAUL MAYEWSKI

DIRECTOR, CLIMATE CHANGE INSTITUTE, THE UNIVERSITY OF MAINE, USA

“CLIMATE CHANGE – PERSPECTIVE, REALITY AND THE FUTURE”

CONFERENCE ROOM AT THE MARTHA MUSE BUILDING (FORMER HOTEL SCHUSTER), CECS THURSDAY
MARCH 3rd 2011, AT 6:00PM

INVITATION

The Colloquia Committee of the Centro de Estudios Científicos has the pleasure of inviting you to a colloquium to be held on Thursday March 3rd 2011, at 6:00 p.m. in the Conference Room at the Martha Muse Building (former Hotel Schuster). CECS' colloquia are lectures by highly noted specialists on each of the three main research areas at CECS, biology, physics, and glaciology, presented in an accessible language for the scientific community.

SPEAKER: DR. PAUL MAYEWSKI

Director, Climate Change Institute, The University of Maine, USA.

CLIMATE CHANGE – PERSPECTIVE, REALITY AND THE FUTURE

ABSTRACT

Climate change and its impact on the environment and society will be reviewed, with a special focus on paleoclimate information from ice cores. The following questions pose the basic framework for the talk:

- How much has the climate changed?
- How fast does it change?
- Do small changes have an impact on humans and the ecosystem?
- Have humans impacted the climate system and if so, how and how much?
- How will changes in Antarctic climate impact the Southern Hemisphere and the entire climate?
- What does the Tupungatito Volcano ice core in central Chile offer as a climate record?

CAMBIO CLIMATICO – PERSPECTIVA, REALIDAD Y EL FUTURO

RESUMEN

Se revisará el cambio climático y su impacto en el medio ambiente y la sociedad, con un énfasis especial en la información paleoclimática a partir de testigos de hielo. Las siguientes interrogantes conforman el marco central de la presentación:

- Cuánto ha cambiado el clima?
- Cuán rápido es este cambio?
- Los pequeños cambios de clima provocan impactos en la sociedad y los ecosistemas?
- Los seres humanos hemos afectado el sistema climático, y, de ser así, de qué manera y cuánto?
- De qué forma pueden los cambios en el clima Antártico impactar el Hemisferio Sur y el clima planetario?
- Qué información climática aporta un testigo de hielo del Volcán Tupungatito en Chile central?

CECS Colloquia Committee

Gino Casassa - Marcelo Rubinstein - Jorge Zanelli