

# 1st IBERIAN WORKSHOP ON ANTARCTIC PENINSULA PERMAFROST AND CLIMATE CHANGE

17 December 2007 - Calouste Gulbenkian Foundation (Lisbon)

Av. de Berna, 45-A - Sala 1

## Organization:

Centro de Estudos Geográficos - UL and Programa Gulbenkian-Ambiente

## PROGRAMME

09h30 *Welcome and introductory notes* - V. Soromenho-Marques and G. Vieira

09h45 *Permafrost and active layer monitoring in the Maritime Antarctic. Objectives and Preliminary results of the PERMAMODEL Project.* M. Ramos

10h00 *Present and future activities of the Research Group on Antarctic Permafrost and Climate Change.* G. Vieira

10h15 *PERMAMODEL. Antarctic campaign 2006-07.* D. Tomé, M. Ramos, G. Vieira, M. A Hidalgo, M. Neves, A. Trindade

10h30 *Shore platform evolution by floating ice erosion, South Shetlands, Antarctic.* M. Neves

10h45 *Monitoring and modelling the active layer and permafrost distribution in the vicinity of the Bulgarian Antarctic Station, Livingston Island, Antarctic.* A. Trindade, G. Vieira, M. Ramos, R. Kenderova, C. Pimpirev

11h00 *Transient Electromagnetic surveying of permafrost in Livingston and Deception Islands (South Shetlands, Antarctic).* V. Batista, F. Santos, G. Vieira and M. Ramos

11h15 *Geomorphological indicators of climate change and permafrost degradation in Deception Island.* R. Melo, G. Vieira, A. Caselli and M. Ramos

11h30 *A special drilling system for permafrost.* P. Blétry

11h45 *A database of thermal properties of rocks from Antarctica.* A. Correia

12h00 *Break*

12h30 *Presentation of the Portuguese Polar Programme (Press conference)*

13h30 *Lunch*

14h30 *Snow modelling in numerical weathering and climate prediction.* E. Dutra, P. Miranda and P. Viterbo

14h45 *Researches on periglacial processes, permafrost and soils mapping in the Antarctica Region Peninsula: Future perspectives from the UAM Research Group.* E. Serrano, Jerónimo López-Martínez, J.J. Durán, A. Navas, S. Mink, C. Martínez, L. Moreno, J.A. Cuchi, T. Schmid, M. Koch, J. Gumuzzio.

15h00 *The Bulgarian Antarctic Programme: Past, Present and Future.* C. Pimpirev

15h15 *The Permamodel/Permadrill Antarctic Campaign of 2007-08: General organization.* M. Ramos and G. Vieira

16h00 *Future plans, guidelines and international collaboration*

17h00 *End of the workshop*

20h00 *Dinner - restaurant to be announced (estimated price ca. 15 euros)*