



The Teachers at Sea program during the CIRCEA cruise of the R/V Marion Dufresne

Carlo Laj (1), Ana Sanchez Morante (2), Catherine Kissel (3), and H el ene Leau (4)

(1) Ecole Normale Sup erieure, D epartement de G eosciences, Paris Cedex 5, France (carlo.laj@ens.fr), (2) I.E.S El Burgo de Las Rozas (Madrid, Spain), (3) Laboratoire des Sciences du Climat et de l'Environnement, CEA/CNRS/UVSQ, Gif-sur-Yvette, France, (4) Institut Polaire Franais Paul Emile Victor (IPEV) 29280 Plouzan  France

With the support of the French Polar Institute (IPEV) and EGU, two teachers from Spain and France were able to participate to the CIRCEA (CIRCulation in East Asian seas) cruise of the R/V Marion Dufresne in the South China Sea, departing and arriving in Singapore.

On board, the two teachers participated to all the scientific activities, including together with the scientists and technicians, to two 4-hours shifts per day (8h total per day). During these shifts, they were involved in every step of the process of obtaining the cores, cutting, opening and labelling them, archiving, and measuring some of the physical parameters, and finally sediment description. It was possible to establish almost daily reports of the scientific progress of the cruise and to send regular logs to the participating land-based teachers in different schools mainly in Europe and in the USA, taking advantage of a list of addresses of teachers having participated to the Geosciences Information for teachers (GIFT) workshops of the European Geosciences Union. This should bring authentic science in the classroom, and indeed we received enthusiastic responses from many teachers.

Also, a video report of the different aspects of the life on board was realized by Ana Morante (the teacher from Spain) and Carlo Laj (Chair of the Committee on Education of EGU) which will be shown during the GIFT workshop and during the General Assembly of EGU at the IPEV booth.