AMOCINT PROJECT AND CRUISE
The first AMOCINT cruise, MD168-AMOCINT (IMAGES-XVII) took place aboard RV Marion Dufresne, and its main objective, was to recover thick marine sediment sections at key locations for monitoring Atlantic Meridional Overturning Circulation (AMOC) variability during past interglacial periods.

TEACHERS AT SEA
With the help of on board scientists, the teachers developed a Lab Activity Teachers Guide with simple instructions on how to extract foraminifera from sediments and how to identify some warm and cold key species along with their students.

STUDENTS IN THE LAB
Three students from the our school's ‘Earth and Space Sciences Club’ were introduced to marine geology and the past climate investigation. They have analyzed and studied the top 1.5 m section of core MD08-3180CQ collected in the Azores region. They have reproduced not only the steps done by the scientists on board, but also washed and sieved the samples and learned how to identify N. pachyderma, G. bulloides and G. ruber, planktonic foraminifera used to identify past climatic fluctuations. They have also built models of these three key species.

STUDENTS IN THE CLASSROOM
Students were amazed with all they have learned from the microfossils preserved within sea floor sediments and realized that there have been significant climatic fluctuations in the past, not only in the Azores region but worldwide, and have transmitted that message to their colleagues.