



**Faculty position: Full Professor of Chemical oceanography  
at Centre d'Océanologie de Marseille**

The *Université de la Méditerranée* is recruiting a full Professor in chemical oceanography starting 1<sup>st</sup> September 2009 (permanent position). The appointed Professor is expected to focus his (her) teaching activities on academic programs of the *Centre d'Océanologie de Marseille* from licence to doctorate, especially on the Master of Oceanography program (<http://www.com.univ-mrs.fr/spip.php?article254>).

***Educational objectives***

The appointed Professor will have to coordinate teaching in the different fields concerned with chemical oceanography, especially at the Master degree level: Sampling and analysis techniques, seawater chemical composition, biologically active elements, markers of biological and physical processes (major elements, trace-metals, natural, and artificial, stable, or radioactive, isotopes, anthropogenic markers ...). He (She) will especially have to be able to teach the oceanic CO<sub>2</sub> system, from the specific equilibriums of the carbonate system to the evaluation of the central role played by the oceans in the uptake of anthropogenic CO<sub>2</sub>.

The appointed Professor will finally have to demonstrate his (her) ability to teach and communicate at a high level in other domains such as: geochemistry, chemistry of aqueous solutions, analytical chemistry, thermodynamics ... He (she) will take an active part in the academic programme organization and in the training of young research scientists.

***Research***

The appointed Professor will pursue his (her) research activities at *Laboratoire d'Océanographie Physique et Biogéochimique, UMR 6535 of Université de la Méditerranée* and *CNRS*. The candidate will have to propose a research project focused on one of the different domains of chemical oceanography. The appointed person is expected to focus on a research project which will complement the present research projects conducted by the *Laboratoire d'Océanographie Physique et Biogéochimique* (physical oceanography and water mass circulation, water mass characterization, biogeochemical cycles, primary production, plankton adaptation processes to global warming ...). He (She) will be expected to strengthen the existing collaboration between physical and biological oceanographers, in order to produce multidisciplinary realistic answers to emerging questions on ocean–biosphere–climate relationships.

Finally, the appointed Professor should be active in the organization and management of oceanographic campaigns (coastal, as well as oceanic) and implication in the ocean observing system of *Centre d'Océanologie de Marseille*.

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