Environmental Lectures at the Campus Universitari de la Mediterrania, Teaching at European/Worldwide level

J.M. Redondo (1,4), A. Babiano (2,4), P. Fraunie (3), and N. Blanes (4)
(1) Universidad Politecnica de Catalunya, Dept. Fisica Aplicada, Applied Physics, Barcelona, Spain , (2) Ecole Normale Superieure, LMD, Paris, France, (3) LSEET, Univ. Sud Toulon Var, La Garde, France, (4) Campus Universitari de la Mediterrania, Vilanova i la Geltru, Spain

Since 1997, the Campus Universitari de la Mediterrania, an independent institution created jointly by the Vilanova i la Geltru City council, The Politechnic University of Catalonia (at Barcelona) and the Generalitat (Local Government) of Catalonia. Has organized different types of summer schools at different levels of speciality ranging from cultural and continuing education to advanced post-doctoral level. The number of students has risen from 300 to about a thousand, with many students being able to transfer ETCS credits gained at CUM to other institutions or universities. In the ambit of environmental sciences and engineering, at least two courses (typically one week / 20-30 hours of lectures) and 2 workshops (2-3 days 16-20 hours of seminars) have been organized since 1999. Funding from a variety of sources, ERCOFTAC, EGU, NATO, etc., including Socrates/Erasmus European Union Grants allow to gather groups of enthusiastic master and PhD students with world wide lecturers to focus on specific subjects such as Ocean Mixing, Bioacoustics, Turbulence, Astrophysics, Climate change, turbulence modelling, etc..