

## **CV prof. Claudio Cassardo**

Claudio Cassardo is Associate Professor at the Faculty of Sciences (University of Torino, Italy) since November 2000. He graduated in Physics at the Turin University, Italy, and got the PhD in Geophysics at the Genoa University. He has been Meteorological Forecaster for one year at the Italian Meteorological Service. He was Researcher at the University of Eastern Piedmont from 1993 to 2000.

He teaches the following courses: Physics of the Atmosphere, Meteorology and Physics of Climate. He was vice-director of the Post-graduate Master in Meteorology organized at the University of Torino in 2004.

He has been and is the scientific advisor of several research projects funded by the CNR, World Laboratory, Italian Universities, Ministry of Research, Ministry of Foreign Affairs, and by the ASEM. In the period 2007-9 he has got a funding for the exchange of scientists in the frame of the bilateral executive agreement Italy-Korea.

He is the Italian scientific advisor of the agreements between the University of Torino and the Konkuk University (Seoul, Korea), and between the College of Engineering of the Ewha Womans University (Seoul, Korea) and the Faculty of Sciences of the University of Turin.

At an organizational level, he has been the scientific advisor of the exhibition “The Times they are changing” at the regional Museum of Natural Sciences of Torino during 2008-9. He has organized the following conferences: “2nd Korea-Italy Joint Seminar on Climate Change”, held in Torino on 14 December 2008, and “Managing Water in a Changing World”, held in Torino from 27 to 31 July 2009.

He is founding Member of the IGU (International Geographic Union) Commission on Water Sustainability (web address: <http://water-sustainability.ph.unito.it/>), and is also a member of the working group on the boundary layer at the COSMOS consortium. He has been Mission Scientist during the intensive phase (September 1999) of the experimental campaign of MAP (Mesoscale Alpine Programme).

His main research interests include the study of exchange processes of physical properties in the surface layer, with particular emphasis on the soil physical parameters (temperature and moisture) and turbulent heat fluxes, also from a climatological point of view. His activity ranges from a theoretical approach, also through the use of numerical models (especially concerning the surface layer, the boundary layer and the mesoscale circulation in atmosphere) to the experimental activity (he is the responsible of the experimental measuring stations of the Turin University). On this site there are more details: <http://www.ph.unito.it/%7Ecassardo/scientif/scientif.html>.

He has published over fifty papers on international scientific journals and books (details here: <http://personalpages.to.infn.it/~cassardo/curri/pubbl.html>), and has participated as speaker at more than 100 international and national conferences.

He is very active in the field of the popularization of his research and, in general, of the science of climate. He has been invited many times to give seminars for schools and general public. He is member of the scientific committee of the site/blog of formation and discussion on the climatic changes topic ([www.climalteranti.it](http://www.climalteranti.it)). He maintains also with some regularity his own site of reflections on the problematics of the climate change

(<http://personalpages.to.infn.it/~cassardo/pensieri/pensieri.html>).

More details can be found on his web page: <http://personalpages.to.infn.it/~cassardo/>.