



**Andrea I. Flossmann,
IUGG Fellow**

FRANCE

Prof. Andrea I. Flossmann (citizenship: French and German, married, 2 children) is full professor at the University Blaise Pascal (UBP) in Clermont-Ferrand (France), a joint research unit with the CNRS institute Laboratoire de Météorologie Physique (CNRS-LaMP). From 2004 to 2010 she was the director of the OPGC (Observatoire de Physique du Globe de Clermont-Ferrand) and has been involved in a number of EU projects (QUANTIFY, EUROTRAC, ACE.) and has coordinated FP6 EUSAAR and FP4 CIME and other national and international projects (BIOCLOUDS, BEAM,..). Her research activities focus on the study of the physico-chemical processes in clouds considering in particular the unknowns regarding the process of nucleation of liquid drops and ice crystals, their interaction and the consequences for precipitation formation. This research is based essentially on a modelling approach of clouds using three-dimensional meso-scale models with a bin resolved representation of warm and cold microphysics, as well as the particulate pollution in the hydrometeors and in clear air. She has published more than 120 research papers.

Carrier

1975-1982	Study of Meteorology at Johannes Gutenberg-Universität in Mainz (Germany)
1982-1987	PhD at the Institut für Meteorologie at the Johannes Gutenberg- Universität in Mainz (Germany), advisor : Prof. Dr. H. R. Pruppacher; Defense February 1987 (summa cum laude)
1987-1993	Assistant Professor at the Institut für Meteorologie of the Johannes Gutenberg-Universität in Mainz (Germany)
Since 1/9/1993	Full Professor at UBP in Clermont-Ferrand

Distinctions

2015	Elected “honorary member” (fellow) of IUGG
04/07/2013	Promoted « Officier » in the French Order of Academic Palms (“Ordre des Palmes Académiques”)
1987	Award of the Landesbank Rheinland-Pfalz for the best thesis of the year 1987 at the Johannes Gutenberg-Universität

International scientific responsibilities (non exhaustive)

Since 2013	President of the French section of IAMAS/IUGG; member of IAMAS council
Since 2012	President of the executive committee of the "International Commission on clouds and precipitation" (ICCP/IAMAS/IUGG); before 8 years Vice-president
2002-2010	Chief-editor of « Atmospheric Research » (Elsevier journal), IF=1.9
Publications	over 50 publications in peer reviewed journals, over 70 other publications, over 70 oral presentations at conferences and seminars (including many invited talks and conferences for a larger public)

Administrative activities and other responsibilities (non exhaustive)

2004-2010	Director of the OPGC (l’Observatoire de Physique du Globe de Clermont-Ferrand; CNRS-joint service unit UMS 833 ; about 200 people)
2000-2007	Vice-director of the Laboratoire de Météorologie Physique CNRS-LaMP (about 50 people)
2000-2004	Head of group « Physico-chemical processes in clouds » at LaMP (about 10p.)