



EGU Election Fall 2011 – Curriculum Vitae
Mioara Manda
Candidate for EGU General Secretary

Current Position & Institution

Solid Earth's Programme Manager Earth Observation Programme
CNES - Centre National d'Etudes Spaciales
2 Place Maurice Quentin
75039 Paris Cedex 01, France

Education

2001 HDR, "Habilitation à diriger les recherches", Physics of the Earth (Univ. Paris VII)
1996 PhD, Internal Geophysics (Institut de Physique du Globe de Paris)
1993 PhD, Geophysics and Geophysical Prospecting (Bucharest University)
1982 Engineering in Geology and Geophysics (Bucharest University)

Research Interests

Observation of the Earth's geo-potential fields, from modern observatory and satellite data to historical archives
Description of temporal and spatial changes of the geomagnetic field
Adapting of new mathematical tools for geomagnetic data analysis
Studies on the Earth's Deep Interior
Studies of magnetic fields of Mars and Mercury
Studies of the geophysical changes in the Arctic region

Summary of Publications

In 2011, I authored more than 200 publications: 144 peer reviewed papers, invited book chapters, review articles, 59 non-referred reports and proceedings. Some 300 communications (including conference abstracts) can be added. The full list being available on: www.mioara-manda.eu

Honours

2008 Titular Member of the Academy of Romanian Scientists
2000 Commemorative Medal, Slovak Academy of Sciences
2000 Botezatu, Romaniae Scientiarum Societas
1998 Hepites, Romanian Academy 1997 Van Straelen, French Geological Society

Voluntary Activities

since 2010 Chair of the Education Award Committee, AGU
since 2009 Secretary General of Int. Association of Geomagnetism and Aeronomy (IAGA)
since 2008 President of CGMW Geophysical Maps Commission
since 2007 Editorial activity - Surveys in Geophysics
2008 - 2010 Member of the Education Award Committee, AGU
2007 - 2011 President of Earth Magnetism and Rock Physics Division, EGU
2007 - 2009 Member of Executive Committee of IAGA
2003 - 2009 President of "Solid Earth" group in the TOSCA Commission (CNES)
2003 - 2007 Co-chair of Division V (IAGA)
1999 - 2003 Chair of Working Group V-8 (IAGA)
2002 - 2006 Chair of French National Committee of Geomagnetism and Aeronomy
2004 - 2006 Member of Scientific Council of Institut de Physique du Globe de Paris
1997 - 2000 Member of Administration Council of Institut de Physique du Globe de Paris

Statement

My present application follows my interest in tackling the important challenge posed by understanding the Earth's system. EGU stands as an ideal environment to address

important issues linked to the characterization of parameters governing the Earth's evolution. I believe that my education, my employment background and my personal interests are particularly appropriate for this position. My professional experiences in Romania, France and Germany, will be beneficial for ensuring an appropriate working frame for EGU General Secretary.

During the last years (2007 - 2011) I have had the honor to be President of the Division Earth Magnetism and Rock Physics. I have been involved in different activities related to Union science, organized through this division, and also in open meetings convened during the EGU Assemblies, as Business Meetings of this Division. The overall management and control of the Union is done by the Council, and, as Division President, I have been able to get closely involved in the Union life.

Accepting challenges is the foundation of my life experiences and something I do with confidence. I am a clear-headed person, I am organized, show initiative, pay attention to detail, and am skilled at working on multiple projects. These are qualities for a leadership, as the EGU General Secretary position asks for. My broad and diverse range of interests will be an effective contribution in developing networks and mechanisms for European and international cooperation, in order to continue to support the Geoscience community. Last but not the least, I am in duty as IAGA Secretary General. I will continue this task, and if my candidature for the EGU General Secretary position will be successful, I will do my duties with the same effort and pleasure! Finally, I would like to underline that all these activities are done over my spare time, and they do not interfere with my working tasks.

