



EGU Election Fall 2011 – Curriculum Vitae  
**Denis-Didier Rousseau**  
Candidate for EGU President

**Current Position & Institution**

Senior Research Scientist at French CNRS (National Center for Scientific Research - Director of CERES-ERTI at ENS (Ecole Normale Supérieure) - Adjunct Research Scientist at Lamont-Doherty Earth Observatory of Columbia University (NY)  
Ecole Normale Supérieure, Laboratoire de Météorologie Dynamique & CERES-ERTI, 24 rue Lhomond, 75231 Paris cedex 5, France

**Education**

1985 PhD in Geology, option Paleontology, University Dijon  
1989 Habilitation à diriger des Recherches en Sciences (French University degree for professorship position), University Bourgogne, Dijon

**Research Interests**

While I am presently working in paleoclimatology, I got a PhD in paleobiology, studying evolution. I shifted towards paleoecology developing the first transfer functions on terrestrial mollusks. I moved to Lamont-Doherty to learn paleoclimatology, paleoceanography and geochemistry. Back to France I chaired a pollen lab and developed a new transfer function on pollen assemblages and used successfully pollen grains as a tracer of air masses, working especially in Greenland. Now I am studying loess sequences, especially the record of abrupt climate changes, through the dust transport and the comparison model-data. Therefore since my graduation, I have always worked through interdisciplinary investigations. This led me to the founding of EGU journal *Climate of the Past*, chairing the Climate, Past, Present and Future division, and my appointment at the PAGES SSC and ICDP program. I am even expanding this interdisciplinary spirit in the new institute of environment I am presently chairing at the new Research University Paris-Sciences & Lettres.

**Summary of Publications**

H-factor: 20, # publications: 147 Summarising my publications appears rather difficult in this short available space due to the numerous changes in my research activity as indicated in my research interests.

**Honours**

EGU Union Service Award 2008  
CNRS Silver Medal 2007  
Humboldt - Gay Lussac Research Prize 2004 of the Alexander von Humboldt Foundation  
CNRS Bronze Medal 1990  
NATO Fellowship Award 1990

**Voluntary Activities**

Officer of the EGS (European Geophysical Society) now EGU (European Geosciences Union)  
Section: Climate: past, present and future (2006-2009)  
Vice President for Paleoclimatology and secretary for the terrestrial records  
President elected of the EGU division Climate, Past, Present & Future (2009-2011, 2011-2013)  
Vice-President elected (2003-2007) of the International Union on Quaternary studies (INQUA), vice-president in charge of the Paleoclimatology commission. INQUA representative to the management committee of IYPE, International Year Planet Earth  
Chair of the ADOM (Atmospheric circulation dust during the last climatic cycle: Observations and modelling) PAGES initiative

Member of the Milankovic medal committee at EGU (2006-2008)  
Member of the INQUA Commission on Paleoclimatology (2003-2007)  
Member of the Evaluation panel of the European Commission for the following programs Environment (1993), Environment and Climate (1996, 1997), Global Change, Climate and Biodiversity (2000), Support for Research Infrastructures (2000).  
Member of the Scientific Advisory Board (Paleontology) of the XIV Congress of the International Union for Quaternary Research (Berlin August 3-10, 1995)  
Chairman of the "Long Terrestrial Records" working group of the INQUA commission on Stratigraphy (1991-1995).  
Full Member of the INQUA Loess Commission 1987- 1999

### **Statement**

After serving EGU through the Climate: Past, Present and Future Division at different levels, from secretary for terrestrial records, then vice-president and president, I apply now for EGU presidency. EGU has been successfully developing year after year, by serving the scientific community in promoting all aspects of Geosciences through successful general meetings, topical meetings and outreach and publication activities. The continuous growth in participation at the annual meeting makes the General Assembly one of the most important Geosciences event, at least the most important in Europe, attracting more and more the attention of the European Union and the main funding agencies. EGU's open access journals are covering also numerous fields of Geosciences and are being more and more accepted by the community placing some of them already among the leaders in their respective field. It is still my priority to support such positive moves through encouraging regular renewal in the session topics in order to keep attractiveness to the community, especially encouraging young scientists participating to the union life by proposing new sessions, new meetings, new activities that the outreach committee allows by now. Keeping EGU bottom-up spirit is essential. By introducing rules for its different activities, EGU has moved towards a more disciplined union, which has its good sides by introducing more professionalism. However this can put EGU away from its family spirit. This spirit is a precious gift that we must preserve and keep intact within the union and this is a key issue for which I intend to act. In fostering these favourable developments I would like to continue contributing to further establish EGU as THE place and forum where the community wants to gather and discuss new results, but also plan new research. EGU divisions should also be the place where discussing proposals to European or international calls and cooperation should be prepared. This should be reinforced in the near future by favouring the co-organization of sessions, which allows scientists from different fields to really interact. While the annual meeting must remain the forum for the European community and abroad, the development of Topical Conferences is a fascinating perspective. However the outreach program is just at a very start of its fruitful development as I am convinced there is more to come or even imagine. Initiatives must be encouraged in order to propose the EGU community, and I am thinking especially for the young generation, a diverse and complementary program of meetings from which they could benefit. Finally, with the introduction of more professionalism in our activity, I intend to make the council a real place of prospective, discussion and action. In order to give the coming generation more influence into the Union affairs I will strongly recommend adding two engaged members of this generation as council members. Therefore I intend to be proactive toward supporting the European development of the Union, especially through cooperation with the main European institutions. I did it in my own country and being involved with the administration of Geosciences, I have strong contacts at different levels that can help and that I am ready to use for the benefit of EGU. With more than 10,000 participants, EGU holds strong responsibilities towards its community but also European citizens. In the light of the present concern of the population and politicians about Climate Change, Natural Hazards, but also through the high level of the conferences and publications and the numerous prestigious awards granted to its members, EGU has an enormous responsibility for all EGU members, the Geosciences community, and the public.