



## Job Profile Information

<b>Organization</b>	University of Graz, Austria, Dept. of Systems Sciences
<b>Background of organization</b>	<p>The demand for systems sciences at Graz University is driven by its potential to integrate the many and diverse aspects involved in the description and analysis of complex real world concerns. In the early 1990s, dedicated students and faculty members developed the curricula of environmental systems sciences which was administered over the first decade as an “irregular” study programme. The activity of highly motivated students within this special programme gradually initiated the development of a network of concerned members of faculty, with ever greater collaboration in common research projects. While in each of the fields involved, such as physics, chemistry, geography, economics, or business administration, environmentally competent research groups have grown, there is growing necessity for a position or unit offering strong competences in the overarching analytic identification of the main drivers in specific real world issues and in the selection and integration of relevant knowledge from these various disciplines.</p> <p>The new chair in systems sciences will shape the formation of such a unit and be responsible for the selection of appropriate personnel. She/he will find an environment at Graz University, where:</p> <ul style="list-style-type: none"> <li>• Researchers from a broad range of research groups in the natural, social and environmental sciences, each of sufficient critical mass, would be glad to link up to this unit and contribute their respective competences.</li> <li>• Highly motivated students in environmental systems sciences facilitate the development of a mutually inspiring working atmosphere.</li> <li>• A very active network of environmental systems science graduates can offer contributions and research collaboration based on their current positions in industry, business, or public administration.</li> <li>• Faculty, students and the university’s top management will all offer a warm welcome to the holder of the new chair.</li> </ul> <p>Within the School of Environmental, Regional and Educational Sciences, established in late 2007, the new position will be the first chair in the Department of Systems Sciences, Innovation and Sustainability Research.</p>
<b>Address</b>	full application info: <a href="http://systems-sciences.uni-graz.at">http://systems-sciences.uni-graz.at</a>
<b>Contact person</b>	Karl Steininger; chair of the selection committee and speaker of environmental systems sciences at Graz University
<b>Contact phone, fax and/or email</b>	<a href="mailto:karl.steininger@uni-graz.at">karl.steininger@uni-graz.at</a> phone +43 316 380 8441; fax +43 316 380 9830
<b>Position title</b>	Full Professor in Systems Sciences
<b>Job location</b>	Graz, Austria

<b>Position description</b>	<p>Research and teaching duties include:  Coordination and direction of activities in research and teaching related to systems sciences, in particular of those activities related to the interdisciplinary study programme in environmental systems sciences. This programme is unique in Austria.</p> <p>Particular focus needs to be placed on the following areas of competence:</p> <p>(a) Strong ability to integrate the methods and subject areas of a very diverse range of disciplines, in particular those of the social, natural, and environmental sciences. This includes the ability to break out of and overcome individual disciplinary paradigms.</p> <p>(b) Internationally recognized research and the ability to initiate applied research based on interdisciplinary systems sciences.</p> <p>(c) Advanced ability to deal with and, in research and teaching, apply methods from a wide spectrum of systems science methods.</p> <p>(d) Application of research guided teaching (in German and English) in a study programme which is popular among students.</p>
<b>Required skills</b>	<p>Prerequisites: Completion of a PhD degree or equivalent and relevant teaching experience. Candidates are ranked according to the following equally weighted criteria: (a) record of high quality publications (particularly in international journals) and (b) demonstrated evidence of good performance in teaching and successful application of systems science methods. We expect familiarity with the basic concepts of formal science necessary for research and teaching in systems sciences.</p>
<b>Desired Skills</b>	<p>Desired are evidence of co-operation in international research projects, familiarity with successful research planning and management, and the organization of funding. The successful applicant is also expected to engage in teamwork related to research and teaching activities, to make an effective contribution to the management of relevant administrative tasks, and to take part in various university committees. In addition, management competence in gender mainstreaming is expected.</p>
<b>Salary Range</b>	NA
<b>URL to host organization</b>	<p>Apply before April 21, 2008; full application info: <a href="http://systems-sciences.uni-graz.at">http://systems-sciences.uni-graz.at</a></p>