



EUROPEAN COMMISSION  
JOINT RESEARCH CENTRE

Resources  
Recruitment and Training

2014-SVQ-J-TUB-2855

**"Network dynamics in international aviation" in cooperation with TÜBİTAK – for Turkish citizens only**

<p><b>Position for:</b></p> <p>Unpaid visiting scientist</p>	<p><b><u>Short description of activity:</u></b> Research on the drivers that affect international aviation from an EU perspective. Analysis of the impact of liberalisation and Open Skies, airline alliances, technology and socio-economic drivers on air transport demand and traffic. Simulation of the network dynamics in order to describe and project the evolution of existing and new airport hubs, competition between airports, and airport congestion.</p> <p><b><u>Procedure of selection:</u></b> After the closure of the call, a pre-screening of the applicants will be carried out by JRC according to the eligibility criteria set by both JRC and TÜBİTAK. The results of the pre-selection will be communicated to both TÜBİTAK (Scientific and Research Council of Turkey) and to the concerned candidates.</p> <p><u>Please note</u> that in addition to JRC application, <b>all candidates need to apply to TÜBİTAK BİDEB Scholarships for a grant (deadline 28/02/2014).</b></p> <p><b>Only the candidates who will receive a grant from TÜBİTAK will be eligible to start the administrative procedure for unpaid visiting scientist stay.</b></p> <p>All information on how to apply to TÜBİTAK can be found under the following links.</p> <p><b>TUBITAK-BİDEB Scholarships</b></p> <p>Post-Doctoral Level: BİDEB 2219 <a href="http://www.tubitak.gov.tr/tr/burslar/doktora-sonrasi/arastirma-burs-programlari/icerik-2219-yurt-disi-doktora-sonrasi-arastirma-burs-programi">http://www.tubitak.gov.tr/tr/burslar/doktora-sonrasi/arastirma-burs-programlari/icerik-2219-yurt-disi-doktora-sonrasi-arastirma-burs-programi</a></p> <p><b><u>Qualifications:</u></b> The research project requires high analytical capacity and demonstrated experience in the field. Suitable candidates may have an educational background from a wide choice of fields (e.g. economics, engineering,</p>
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	<p>operational research, geography, mathematics). They should preferably have completed a PhD on a subject relevant to aviation economics, management or modelling. Past research experience and/or good knowledge of the aviation sector will be evaluated positively. Programming and/or modelling skills are also desirable. A high level of spoken and written English is obligatory.</p> <p>The unpaid visiting scientist will be provided in-house training on the transport models and databases used in JRC-IPTS.</p> <p><b><u>General TÜBİTAK eligibility criteria are listed below</u></b></p>
<p><b>Institute:</b> <b>Unit:</b></p>	<p>Institute for Prospective Technological Studies</p> <p>Economics of Climate Change, Energy and Transport Unit</p> <p>Further information: <a href="http://ipts.jrc.ec.europa.eu/activities/energy-and-transport/ettea.cfm">http://ipts.jrc.ec.europa.eu/activities/energy-and-transport/ettea.cfm</a></p>
<p><b>Indicative duration</b></p> <p><b>Preferred starting date</b></p>	<p>5 months</p> <p>01/10/2014</p>
<p><b>JRC Site</b></p> <p><b>Country</b></p>	<p>Seville</p> <p>Spain</p>
<p><b>General TÜBİTAK eligibility criteria</b></p>	<p><b><i>Eligibility Criteria for BIDEB 2219 Scholarship-Post- doctorate Level</i></b></p> <ol style="list-style-type: none"> <li>1. Being a citizen of Turkish Republic</li> <li>2. Having a Ph.D. degree or completing the expertise in Medical Science, or proving that he/she was successful in the Ph.D dissertation exam.</li> <li>3. Proving that the necessary foreign language is known.</li> <li>4. Having an invitation from the Host Organization (Might have it later in the cases of application to the Joint Research Center)</li> <li>5. Not being a beneficiary of the TUBITAK International Research Scholarship Programme for 12 or more than 12 months in the last 3 years.</li> </ol>
<p><b>JRC contact details</b></p>	<p><a href="mailto:JRC-RECR-TRAINEES-ISPRA@ec.europa.eu">JRC-RECR-TRAINEES-ISPRA@ec.europa.eu</a></p> <p><b>For any technical problems with your application, please contact:</b> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>
<p><b>Data protection in the selection and/or recruitment process</b></p>	<p><a href="http://ec.europa.eu/dqs/jrc/index.cfm?id=6270">http://ec.europa.eu/dqs/jrc/index.cfm?id=6270</a></p>