



2014-SVQ-J-TUB-2858

**"Maritime transport and ports: analysis of sea-side container flows using vessel AIS data " in cooperation with TÜBİTAK – for Turkish citizens only**

**Position for:**

Unpaid visiting scientist

**Short description of activity:**

Analysis of containership routes at global level using Automatic Identification System (AIS) data in order to describe the patterns of international container transport, the evolution of shipping routes and the concentration of port traffic and transshipment. Research on the factors that affect the evolution of shipping routes and port choice. Modelling of future demand and implications for port strategies and capacity management.

**Procedure of selection:**

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.

Please note that in addition to JRC application, **all candidates need to apply to TÜBİTAK BİDEB Scholarships for a grant (deadline 28/02/2014).**

**Only the candidates who will receive a grant from TÜBİTAK will be eligible to start the administrative procedure for unpaid visiting scientists stay.**

All information on how to apply to TÜBİTAK can be found under the following links.

**TUBITAK-BİDEB Scholarships**

Post-Doctoral Level: BİDEB 2219

<http://www.tubitak.gov.tr/tr/burslar/doktora-sonrasi/arastirma-burs-programlari/icerik-2219-yurt-disi-doktora-sonrasi-arastirma-burs-programi>

**Qualifications:**

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>operational research, geography, mathematics). They should preferably have completed a PhD on a subject relevant to maritime/shipping/port economics, management or modelling. Past research experience and/or good knowledge of the container market 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>
<b>Institute: Unit:</b>	<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>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	01/10/2014
<b>JRC Site</b>	Seville
<b>Country</b>	Spain
<b>General TÜBİTAK eligibility criteria</b>	<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>
<b>JRC contact details</b>	<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 - JRC-</b> <a href="mailto:ESRA@ec.europa.eu">ESRA@ec.europa.eu</a></p>
<b>Data protection in the selection and/or recruitment process</b>	<a href="http://ec.europa.eu/dqs/jrc/index.cfm?id=6270">http://ec.europa.eu/dqs/jrc/index.cfm?id=6270</a>