PROJECT REFERENCE NUMBER: IES 300841

Post-doctoral Research Project Title	**Forest fire causes and socio-economic impact of forest fires in Europe**
Project Description **Qualifications**	The Land Management and Natural Hazards Unit is looking for a researcher to contribute to the enhancement of EFFIS through the development of methods for the analysis of fire causes and the socio-economic impact of forest fires. The envisaged work will consist of: • Time series analysis and spatial analysis of forest fire occurrence and fire causes in Europe, as identified in the EU Forest Fire Database of EFFIS (European Forest Fire Information System), and modeling of the potential correlation with socio/economic and environmental variables. • Development of methods and models for the assessment of the socio/economic impact of forest fires in Europe. • Support to the development of tools for the integration of newly collected data into the EU Fire database, the implementation of a novel forest fire causes classification and the development of a new module of EFFIS for the assessment of the socio-economic impact of forest fires in Europe. The ideal candidate should have a Phd in environmental sciences, econometrics, or statistics (or a University degree in these fields and 5 years of relevant post-graduate experience). Significant experience in data analysis and statistical modeling is required, as well as sound skills on the use of geographic information systems. Research experience in economics as related to the environment will be an asset. Good knowledge of spoken and written English is required.
Duration (min 12, max 36 months)	36 months
Scientific Responsible	Dr. Jesus San-Miguel
IES Mail Contact (to use for all correspondence)	JRC-IES-GH-300841@jrc.it

Further information can be found at: *Institute for Environment and Sustainability Action: FOREST (22003):– Unit H07*