



Marie
Skłodowska-Curie
Actions

science4refugees

Skill-For.Action - 12 fully funded research position in forest ecology and applied science of forest engineering available for Early Stage Researchers (ESR)

The ETN Skill-For.Action project, funded by the European Commission under the **Horizon 2020 programme (Marie Skłodowska-Curie Actions - Innovative Training Network)** calls for applications for **12 fully funded Early-Stage Researchers (ESRs)**, with attractive complementary training activities and associated research and travel budgets and the enrollment in graduated schools with the opportunity to **achieve PhD title** (find announcement published on Euraxess [here](#)).

Below is a list of the 12 ESR/PhD positions that are available. To apply for a specific project or position, you will find the respective information on Euraxess job search tool (search for Skill-For.Action).

[ESR01 Integrating LIDAR information into operational mixed forests growth and yield models](#) ([link](#))

Universidad de Valladolid, Valladolid, Spain. (Contact name: Felipe Bravo, fbravo@pvs.uva.es)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR02 Drought resistance and growth stability of trees and stand in dependence of species identity, stand density, and structure](#) ([link](#))

Technische Universitaet Muenchen, Freising, Germany (Contact name: Hans Pretzsch, hans.pretzsch@tum.de)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR03 Growth resistance and resilience of tree species to drought stress in even-versus uneven-aged forests](#) ([link](#))

Warsaw University of Life Sciences (SGGW), Institute of Forest Sciences, Warsaw, Poland (Contact name : Kamil Bielak : kamil_bielak@sggw.edu.pl)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR04 Species-specific functional response to drought stress and the relevance for intra- and interspecific interaction](#) ([link](#))

Instituto Nacional de Investigación Y Tecnología Agraria y Alimentaria, Madrid, Spain (Contact name: Marta Pardos, pardos@inia.es)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR05 Relationship between stand density, nutrition, productivity and water use efficiency in pure pine stand \(link\)](#)

Stellenbosch University, Stellenbosch, South Africa (Contact name: Ben du Toit, ben@sun.ac.za)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR06 Effect of Nitrogen deposition on C sink potential of temperate forests \(link\)](#)

Libera Università di Bolzano, Bolzano, Italy (Contact name: Giustino Tonon, giustino.tonon@unibz.it)

Addressed to Master graduates with either forestry, agriculture or/and environmental backgrounds.

[ESR07 CO2 emission control in forest operations \(link\)](#)

Università degli Studi di Padova, Padova, Italy (Contact name: Stefano Grigolato, stefano.grigolato@unipd.it)

Addressed to Master graduates with either forestry, agriculture or/and engineering backgrounds

[ESR08 Soil wheel CO2 interaction \(link\)](#)

Ministerium für Klimaschutz, Umwelt, Landwirtschaft, Natur- und Verbraucherschutz des Landes Nordrhein-Westfalen, Germany (Contact name: Thilo Wagner, thilo.wagner@wald-und-holz.nrw.de)

[ESR09 Intelligent combination of airborne data and terrestrial LiDAR for obtaining micro surface, tree and assortment data for an improved timber harvesting planning \(link\)](#)

Stellenbosch University, Stellenbosch, South Africa (Contact name: Bruce Talbot, bruce@sun.ac.za)

Addressed to Master graduates with either forestry, agriculture or/and engineering backgrounds

[ESR10 Forest machine simulation for resource efficient production \(link\)](#)

RWTH Aachen University - RWTH, Aachen, Germany (Contact name: Jürgen Roßmann, rossmann@mmi.rwth-aachen.de)

Addressed to Master graduates with either in Electrical Engineering or Computer Science.

[ESR11 Optimisation analysis for harvesting strategies \(at the stand level\) \(link\)](#)

Berner Fachhochschule, Switzerland (Contact name: Martin Ziesak, martin.ziesak@bfh.ch)

Addressed to Master graduates with either forestry, agriculture or/and engineering backgrounds

[ESR12 Opportunities and limitations of robust optimization in forest management on enterprise level \(link\)](#)

Technische Universitaet Muenchen, Freising, Germany (Contact name: Thomas Knoke, knoke@tum.de)

Addressed to Master graduates with either forestry, agriculture or/and enviromental backgrounds