

Department of Agricultural, Environmental and Food Sciences

- Profile:

n. 1 researcher **lettera a)** pursuant to art. 24 of the law n. 240/2010, **full time**, for the competition Sector 07/B2 - SCIENZE E. TECNOLOGIE DEI SISTEMI ARBOREI E FORESTALI, S.S.D. AGR/05 - ASSESTAMENTO FORESTALE E SELVICOLTURA.

- Teaching activity: The applicant should be able to give qualified support to lectures and field works within the field of silviculture and forest planning [ERC: LS9_7 Forestry, biomass production], related to the bachelor's degree and master's in forest sciences delivered by the Department of Agricultural, Environmental and Food Sciences at the University of Molise.

- Research activity: The applicant will have research capacity belonging the specific field of silviculture and forest planning, with special reference to the analysis of rural landscape in mountain and marginal areas, and related land use changes, to investigations of growth dynamics and the evaluation of tree responses to environmental disturbances, to the study of structural attributes of mountain forests, to the quantification of ecosystem services provided by mountain forests, and to the application of forefront environmental monitoring techniques in forest ecosystems. Results will be published in scientific journals, following the criteria of VQR (Evaluation of Research Quality), within the field of silviculture and forest planning.

- Place of the service activity: Campobasso - Department of Agricultural, Environmental and Food Sciences.

- Additional requirements for admission to the selection process with respect to those required under art. 5 of the competition Regulation: none.

- Maximum number of publications to be presented: 12.

- Foreign language of which knowledge is required: English.

- Modalities by which the researcher: periodically and at the end of the contract, must report back the results of the done work: a report on research and teaching activity carried out.