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Researcher



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Education and Professional Experience

2011-2015: Researcher

2009-2011: Post-Doc Research Fellow at CNR-ISPAAM OU SASSARI

2005-2008: PhD in Monitoring and control of forest ecosystems in a Mediterranean environment, University of Sassari, Italy.

2002-2005: Research Fellow at CNR-ISPAAM OU SASSARI.

2001: Second level Degree in Agriculture, University of Sassari, Italy.

Keywords

Sustainable forage systems, Unconventional species for restoration ecology

Seed bank analysis of Mediterranean pastures

Selected publications

1. Franca, A., Sanna, F., Seddaiu, G., Caredda, S. 2009. Response of the seed

- bank to the post-fire recovery of a Mediterranean woodland ecosystem. 19th Conference of the Society for Ecological Restoration International. Perth, Western Australia, Australia. 23-27 August 2009. Conference abstracts. 258.
2. Franca, A., Sanna, F., Nieddu, S., Re, G.A., Pintus, G.V., Ventura, A., Duce, P., Salis, M., Arca, B., 2012. Effects of grazing on the traits of a potential fire in a Sardinian wooded pasture. Proceedings of the "14th Meeting of the fao-ciheam subnetwork on Mediterranean pastures", Samsun, Turkey, 3-6 October 2012. ISSN: 1016-121X
 3. Sanna, F., Saba P., Sassu, M. and Franca A. (2012). Preliminary selection of *Lolium perenne* L. natural populations for pasture improvement purpose in rainfed Mediterranean condition. Proceedings of the "14th Meeting of the fao-ciheam subnetwork on Mediterranean pastures", Samsun, Turkey, 3-6 October 2012. ISSN: 1016-121X
 4. Re, G. A., Piluzza, G., Sulas, L., Franca, A., Porqueddu, C., Sanna, F., & Bullitta, S. (2013). Condensed tannins accumulation and nitrogen fixation potential of *Onobrychis viciifolia* Scop. grown in a Mediterranean environment. Journal of the Science of Food and Agriculture. ISSN: 0022-5142
 5. Porqueddu, C., Re, G. A., Sanna, F., Piluzza, G., Sulas, L., Franca, A., & Bullitta, S. (2013). Exploitation of annual and perennial herbaceous species for the rehabilitation of a sand quarry in a Mediterranean environment. Land Degradation & Development. ISSN: 1099-145X
 6. Sanna, F., Nieddu, D., Porqueddu, C. (2013). L'impiego di specie autoctone sarde nel recupero della cava di calcare di sas funtanas sul monte albo. Atti del convegno nazionale "la rinaturazione delle cave – dal caso studio del bacino estrattivo del botticino alle esperienze in Italia". Nuvolento (BS), 25 novembre 2013, pp.36-37. ISBN 978-88-909167-1-7.
 7. Porqueddu, C., Re, G. A., Sanna, F., Piluzza, G., Sulas, L., Franca, A., & Bullitta, S. (2013). Valutazione di specie erbacee annuali e perenni per il recupero di cave di sabbia in ambiente mediterraneo. Atti del convegno nazionale "la rinaturazione delle cave – dal caso studio del bacino estrattivo del botticino alle esperienze in Italia". Nuvolento (BS), 25 novembre 2013, pp.29-31. ISBN 978-88-909167-1-7.
 8. Sanna, F., Franca, A., Porqueddu, C., Piluzza, G., Re, G. A., Sulas, L., & Bullitta, S. (2014). Characterization of native perennial ryegrasses for persistence in Mediterranean rainfed conditions. Spanish Journal of Agricultural Research, [S.l.], v. 12, n. 4, p. 1110-1123, oct. 2014. ISSN 2171-9292.

9. Sulas, L., Franca, A., Sanna, F., Re, G. A., Melis, R., & Porqueddu, C. (2015). Biomass characteristics in Mediterranean populations of *Piptatherum miliaceum*—A native perennial grass species for bioenergy. *Industrial Crops and Products*, 75, 76-84.