

Claudio Porqueddu

Director of Research



E-mail: c.porqueddu@cspm.ss.cnr.it; CNR PAGE

<http://www.cnr.it/people/claudioantonio.porqueddu>

Phone: +39 079 2841604

Fax: +39 079 2841699

Mobile phone: +39 3665766902

Address: **CNR-ISPAAAM UOS di Sassari**, Traversa La Crucca 3, Loc. Baldica Sassari – Italy

Education and Professional Experience

2015 Member of Executive Committee of the European Grassland Federation.

2014 Member as expert of the EIP-AGRI Focus Group on “Profitability of permanent Grassland” funded by the European Commission.

2011-2015 Scientific responsible for the CNR-ISPAAAM research group of the PF7-EU Project OPTIMA on the “Optimization of perennial grasses for biomass production in marginal areas”.

2012-2016 Scientific responsible for the CNR-ISPAAAM research group of ERANET ARIMNET Project REFORMA on “Resilient, water-and energy efficient forage and feed crops for Mediterranean agricultural systems”.

2011 Responsible of the CNR – ISPAAAM (Institute for Animal Production System in Mediterranean Environment) research unit based in Sassari.

2010 Head of the CNR-ISPAAAM Research Task titled “Bioagronomic studies for multipurpose Mediterranean pasture and forage resources.”

2008 Member of the International Grassland Congress Continuing Committee as representant for Region 8 including the Mediterranean countries and Middle East.

2008 Associate Editor of the international Journal “Grass and Forage Science”

2007 Coordinator of the FAO-CIHEAM Inter-regional Cooperative Research and

Development Network on Mediterranean Forage Resources.

2002-2007 Member of the National board of Italian Society of Agronomy.

2001 Member of the Scientific Committee of the *Algerian Journal of Arid Areas*.

2001 Senior Researcher at CNR

1997 Researcher at CNR

1984 Degree on Agriculture Science – Sassari University.

Keywords

agronomy of pasture and forage crops, evaluation and multiplication of native legume and grass species for multi-functions, sustainability of farming systems, cover crops.

Selected publications

1. Vagnoni E., Franca A., Breedveld L., **Porqueddu C.**, Ferrara R., Duce P. (2015). Environmental performances of Sardinian dairy sheep production systems at different input levels. *Science of the total environment*, 502: 354-361.
2. Dumont B., D. Andueza, V. Niderkorn, A. Luscher, **C. Porqueddu** and C. Picon-Cochard (2015) A meta-analysis of climate change effects on forage quality in grasslands: specificities of mountain and Mediterranean areas. *Grass and Forage Science*, 70: 239-254.
3. L. Mercenaro, G. Nieddu, P. Pulina, **C. Porqueddu** (2014) Sustainable management of an intercropped Mediterranean vineyard. *Agriculture, Ecosystems & Environment*, 192: 95-104.
4. Re G.A., G. Piluzza, L. Sulas, A. Franca, **C. Porqueddu**, F. Sanna, S. Bullitta (2014) Condensed tannins accumulation and nitrogen fixation potential of *Onobrychis viciifolia* Scop. grown in a Mediterranean environment. *Journal of the Science of Food and Agriculture*. 94, 639-645.
5. John A. Finn, Laura Kirwan, John Connolly, M. Teresa Sebastià, Aslaug Helgadottir, Ole H. Baadshaug, Gilles Bélanger, Alistair Black, Caroline Brophy, Rosemary P. Collins, Jure Čop, Sigridur Dalmannsdóttir, Ignacio Delgado, Anjo Elgersma, Michael Fothergill, Bodil E. Frankow-Lindberg, An Ghesquiere, Barbara Golinska, Piotr Golinski, Philippe Grieu, Anne-Maj Gustavsson, Mats Höglind, Olivier Huguenin-Elie, Marit Jørgensen, Zydre Kadziulienė, Päivi Kurki, Rosa Llurba, Tor Lunnan, **Claudio Porqueddu**,

Matthias Suter, Ulrich Thumm and Andreas Lüscher (2013). Ecosystem function enhanced by combining four functional types of plant species in intensively managed grassland mixtures: a 3-year continental-scale field experiment. *Journal of Applied Ecology*, **50**, 365-375.

6. Annicchiarico, P., L. Pecetti, A. Abdelguerfi, H. Bouzerzour, R. Kallida, **C. Porqueddu**, N.M. Simões, F. Volaire (2013). Optimal forage grass germplasm for drought-prone Mediterranean environments. *Field Crops Research*, 148, 9–14.
7. **Porqueddu C.**, G.A. Re, F. Sanna, G. Piluzza, L. Sulas, A. Franca, S. Bullitta (2013). Exploitation of annual and perennial herbaceous species for the rehabilitation of a sand quarry in a Mediterranean environment. *Land Degradation & Development*, DOI: 10.1002/ldr.2235.
8. **Porqueddu C.**, R.A.M. Melis, G.A. Re, M. Usai and M. Marchetti (2012). Bio-agronomic traits of *Psolarea bituminosa* and *P. morisiana* accessions collected in Sardinia. *Options méditerranéennes*, serie A: Mediterranean seminars n° 102, 139-143.
9. Pecetti L., P. Annicchiarico, A. Abdelguerfi, R. Kallida, M. Mefti, **C. Porqueddu**, N.M. Simoes, F. Volaire, F. Lelievre (2011). Response of tall fescue cultivars to contrasting Mediterranean environments and implications for selection. *Journal of Agronomy and Crop Science*, 197, 12-20.