

Revue d'élevage et de médecine vétérinaire des pays tropicaux

(Journal of Tropical Livestock Science)

Call for Papers

Swine Production in Tropical Countries

This thematic issue aims at presenting an overview of current research on swines and swine breeding in tropical countries and in the Mediterranean basin.

This issue is scheduled to be published by the end of 2017

Rationale

Pork is the most consumed meat worldwide (FAOSTAT). By 2025, projections show a drastic growth of its consumption in developing countries, with a 15% expected increase compared to only 4% in developed countries. World pork production should thus increase by 12% by 2025 according to FAO and OECD. It should be stressed that most of pork production will take place in developing countries, mainly in Asia, but also in Africa and Latin America. At global level, production systems are still much diversified, with on one hand a very large number of traditional small-scale farms, and on the other specialized industrial farms that often follow a complete off-soil model. In particular in tropical countries, these very diverse livestock farmers try to adapt to the climatic, economic or sanitary constraints that impact on the sustainability of their activity.

Objectives

The aim of this thematic issue is to produce an overview of the results of recent studies on swine species in the particular context of tropical and Mediterranean countries, and to show the dynamism of research groups regardless of their disciplines, who are interested in pig production, its constraints and evolutions.

By publishing on various topics this thematic issue will highlight the economic and social worth of swine breeding in all its diversity, and ways of improvement proposed by scientific research in support of the development processes of the subsectors within an innovation and sustainability framework.

Themes

Manuscripts will fit any of the five hereafter-detailed sections of the Journal.

Pig farming systems and value chains

The situation of the swine subsectors in the Souths is very diverse, with some informal and others very integrated and industrial. This theme aims to discuss their economic functioning, their resilience to crises, actors' behavior, or market logics.

Environment and territories

The development of pig farming often faces environmental issues (soil contamination, pollution of water resources). This theme aims to present the analyses on the current situation and possible solutions.

Animal production and animal products

In specific production contexts, farmers adapt, change their practices, specialize or opt for alternative farming methods. This theme aims to highlight these innovative farming practices through management of climate or local-context constraints. Contributions that question the gradual disappearance of local pig breeds in parallel with the introduction of improved breeds will be welcome.

Feed resources and feeding

Small-scale swine farming can use resources that are relatively rich in fiber or water, and thus enhance neglected agro-industrial by-products or alternative fodder resources. It would be useful to describe this type of resources and the performance that can be expected from them, as well as their use in swine production systems.

Animal health and epidemiology

The spread of animal diseases remains as always a key issue for the sustainability of swine farms and herds, as well as for consumers' health threatened by zoonoses in countries of the South. This theme aims to improve knowledge on the epidemiology of these diseases and their economic consequences, and to propose control measures that are innovative and applicable to tropical contexts.

Submission information

This Call for Papers will consider different types of manuscripts. Preference will be given to short articles (3000 words) with original research results, but submission of longer articles will be accepted. Reviews of the literature on a given subject will be welcome. Manuscripts can be written in French or English.

Manuscripts must comply with the Journal's editorial policy and procedures defined in the 'Instructions for authors' ([link](#)).

As a reminder, all the Journal's articles are published in open access, and there is no charge to authors.

The issue will be coordinated by Vincent Porphyre and Denis Bastianelli (et al.). As a first step, interested authors may contact the coordinators by sending a provisional title and a short summary (200 words maximum). Full texts, in French or English, must be sent as Word files by email to revue.emvt@cirad.fr before July 14, 2017.