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In determining the suitability of submitted articles for publication, particular scrutiny is placed on the degree of novelty and significance of the research and the extent to which it adds to existing knowledge in agronomy. Confirmatory research and results routine cultivar or agronomy trials in which there are no identified biological processes will not normally be considered for publication. Modelling studies have to be informative and innovative and used to illustrate important generic issues facing agronomy. Studies in which a model is only tested against observed data for its goodness-of-fit are not generally welcome. Field experiments need to be either multi-locational or multi-year and normally three at least and be accompanied by appropriate statistical analysis. Glasshouse experiments are only accepted in exceptional circumstances. Review articles are normally written on invitation from the Editor-in-Chief. Authors intending to prepare review papers for the Journal are advised to consult the Editor-in-Chief before writing their reviews. Forthcoming special issues are focusing on uncertainty analysis in models and the status of non-renewable resources in agriculture.

Agronomists, crop/plant scientists, soil scientists

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Crop eco-physiology and agronomy, Crop modelling, Corn, soybean, sorghum and oilseeds, Rainfed and Irrigated farming systems, Remote sensing
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Weed science: analysing their life-cycle, their biology, their ecology, accounting for their diversity using concepts from ecology, modellig their dynamics, analysing and modelling their interactions with soil, climate and cropping systems; spatial dynamics of plants (weeds and feral oilseed rape) in agroecosystems (agronomical and landscape ecology approaches, metapopulation models), intercropping (mainly plant establishment and early growth in cereal-legume intercrops, effects on weed control); forage quality in grasslands with a strong ecological approach (functional ecology, plant traits, community ecology, effects of management regimes); biological regulations in plurispecific cropping systems. The originality of my background lies in the fact that I use concepts and methods from ecology to address agronomical questions.
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Availability, Stability and Environment. 1) Agricultural systems, 2) Systems modelling, 3) Agricultural value chains, 4) Climate risk Assessment and management, 5) Societal impact of science, 6) Sustainable agricultural practices, 7) Food security and stability, 8) Food systems 9) Land and food, 10) Productive landscapes
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The European Journal of Agronomy, the official journal of the European Society for Agronomy, publishes original research papers reporting experimental and theoretical contributions to field-based agronomy and crop science. The journal will consider research at the field level for agricultural, horticultural and tree crops, that uses comprehensive and explanatory approaches. The EJA covers the following topics:
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