AGRICULTURE, ECOSYSTEMS & ENVIRONMENT

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DESCRIPTION

AGRICULTURE, ECOSYSTEMS AND ENVIRONMENT


Agriculture, Ecosystems and Environment publishes scientific articles dealing with the interface between agroecosystems and the natural environment, specifically how agriculture influences the environment and how changes in that environment impact agroecosystems. Preference is given to papers from experimental and observational research at the field, system or landscape level, from studies that enhance our understanding of processes using data-based biophysical modelling, and papers that bridge scientific disciplines and integrate knowledge. All papers should be placed in an international or wide comparative context.

The focus is on the following areas:

● Biological and physical characteristics and dynamics of agroecosystems.
● Ecology, diversity and sustainability of agricultural systems.
● Relationships between agroecosystems and the natural environment, including land, air, and water.
● Agroecosystem and global environmental changes including climate change, greenhouse gases and air pollution.
● Ecological consequences of intensification, soil degradation, waste application, irrigation, and mitigation options.
● Environmental implications of agricultural land use and land use change.

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AUDIENCE

Scientists in Agriculture, Forestry, Ecology and the Environment, Administrators and Policy-Makers in these fields.
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Agriculture, Ecosystems and Environment deals with the interface between agriculture and the environment. Preference is given to papers that develop and apply interdisciplinarity, bridge scientific disciplines, integrate scientific analyses derived from different perspectives of agroecosystem sustainability, and are put in as wide an international or comparative context as possible. It is addressed to scientists in agriculture, food production, agroforestry, ecology, environment, earth and resource management, and administrators and policy-makers in these fields.

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