les dossiers d'AGROPOLIS INTERNATIONAL

Expertise of the scientific community









Societies and sustainable development

Contribution of the social sciences

financial markets, inequalities and revenue distributions, and the econometrics of time series.

- 'Economy and biodiversity' is aimed at gaining insight into factors that hamper biodiversity preservation so as to determine whether public intervention is necessary and, if so, what type: (i) consideration of the axiomatics of biodiversity indices and measures, (ii) assessment of agreements to pay and social preferences, (iii) development of institutional arrangements and coordination instruments, and (iv) the role of expert-citizen interactions.
- 'Quantitative and qualitative water resource management' studies new instruments proposed for joint, qualitative and quantitative water management: commercial tools, collaboration and negotiation tools, incentive tools.
- 'Sustainable development analysis and modelling' conducts research on sustainability criteria in a setting of natural resource management, new risk assessment approaches and the analysis of the most efficient policy instruments used to guide agents' technical innovation choices.

Management science to benefit organizations

Research of the AlterManagement, Mondialisation et Écologie team—part of the ERFI group (Équipe de recherche sur la firme et l'industrie, UM1), in association with AgroParisTech/ENGREF (Montpellier centre)—is carried out with analytical frameworks and management science tools that are used to meet organizations' social and environmental targets.

The emphasis is on globalization strategy forms and impacts from the standpoint of management systems, working and employment conditions, territorial relationships and sustainable development prospects. It offers an innovative approach to environmental strategic management, whereby ecological performance is central to the efficiency criteria in the framework of development projects or enterprise social responsibility policies. At the enterprise-society interface in developed and developing

countries, it also investigates strategies and forms of organization of environmental NGOs and 'union/NGO' alliances with respect to working and sustainable development conditions. The group is part of the international Global Value Chains Initiative* (www.globalvaluechains.org).

Several commodity chains are studied with respect to social and environmental issues, including agrifood subsectors, through several ongoing theses and recent projects.

* Activities required by societies and workers to complete a product (goods or services) from its design to its use (design, production, marketing, distribution, etc.).



1. Rice fields of the Office du Niger, Mali

2. Office du Niger, Mali

3. A geographical information system

IMoSEB: International Mechanism of Scientific Expertise on Biodiversity



Since late 2005, at its Baillarguet facilities, CIRAD has been hosting the Executive Secretariat responsible for coordination and promotion of the consultative process towards an International Mechanism of Scientific Expertise on Biodiversity (IMoSEB) that was entrusted to the *Institut Français*

de la Biodiversité. For almost 3 years, this small team, supported by the International Steering Committee and its prestigious Executive Committee, has launched case studies on mobilizing expertise in certain fields, widely communicated on the project in different media, and organized multi-stakeholder consultations on all continents. The consultation findings bridged the gap with the follow up to the Millennium Ecosystem Assessment and the United Nations Environment Programme. The initiative should quickly give rise to an IPCC equivalent in the biodiversity field: Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services.

Contact: Didier Babin, didier.babin@cirad.fr
For further information: www.imoseb.net and www.ipbes.net