

WHO WE ARE

The "Chinese-German Centre for Impact Assessment" (CGCIA) was initiated in early 2010 by the Institute of Geographic Sciences and Natural Resources Research (IGSNRR) and the Leibniz Centre for Agricultural Landscape Research (ZALF) as a result of long-term research co-operation between Chinese and German research institutes. The aim is to consolidate and continue joint research activities among Chinese and German scientists who are active in the field of impact assessment and land use research.

PARTNERSHIP & VISION

The CGCIA is an open platform for research in the field of impact assessment related to land use studies in China and Germany. The vision is to build a network and strengthen partnership for long term co-operation among institutions and to consolidate joint activities and share knowledge. We believe that an active involvement and exchange of disciplinary knowledge from the global scientific community will enhance the capability and outcome of research.



DPSIR analytical framework for impact assessment of land use changes

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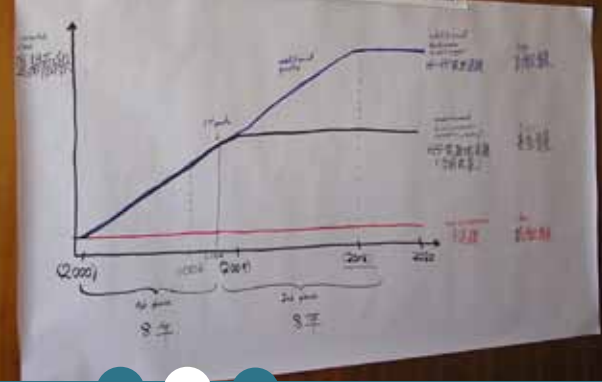


Chinese-German Centre
for Impact Assessment



www.cgcia.org

www.zalf.de/home_ip-sensor/cgcia



Expert-based specification of regional policy implementation

RESEARCH ON IMPACT ASSESSMENT AND LAND USE

Impact assessment is an emerging scientific field that involves a range of different disciplines. Research on land use changes in the context of sustainable development is essential for policy decision making, natural resource management and regional development planning.

Research on impact assessment is to develop and provide quantitative and qualitative tools and methodologies for impact assessment and to connect interdisciplinary research communities including natural- and socio-economic sciences.

The main research fields of CGCIA include:

- Sustainability impact assessment of multifunctional land use
- Scenario techniques and stakeholder participation
- Collaboration and coordination among existing programs
- Methods for strengthening the science-policy interface

Field survey and stakeholder interviews

- Data management, monitoring systems; quantitative and qualitative tools for impact assessment
- Causal-chain analysis of interactions between ecosystem change

MISSION AND STRATEGY

- To facilitate communication and coordination among scientists who have been engaged in studies on impact assessment of changing land use and ecosystem services
- To share knowledge and learn from each other
- To enhance institutional capacity building for sustainable development
- To develop collaborative research programs on impact assessment of multifunctional land uses
- To identify potential sponsorship for joint research programs
- To promote new techniques and dissemination of research results through joint publications and international symposia

Inauguration Meeting of CGCIA at ZALF, March 2010

SELECTED ACTIVITIES

- Assessing ecosystem services
- Soil and water conservation strategies
- Biodiversity conservation and sustainable rural livelihood
- Innovative nitrogen management
- Multifunctional land use and decision support systems
- Impact of flood and drought on water and land resources
- Linking impact assessment instruments to sustainable expertise
- Training courses, workshops and summer schools

