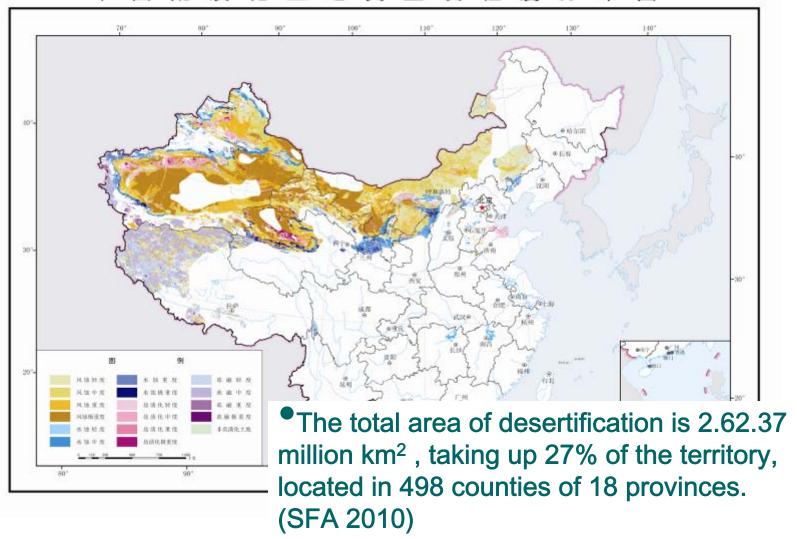


CONTENTS

- **I. Desertification in China**
- II. Governmental efforts
- III. Technical transfer

Desertification Distribution in China

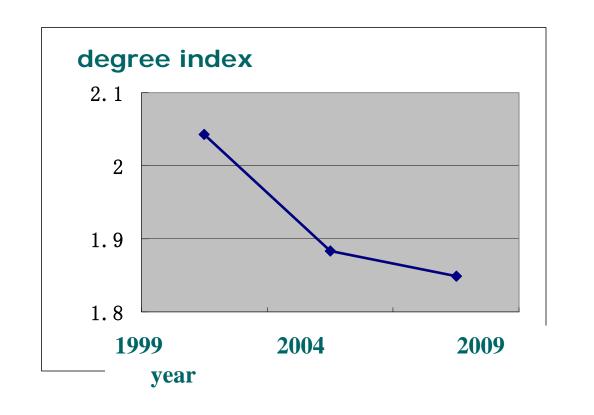
中国荒漠化土地类型及程度分布图



The change of the average degree index of land desertification

year	1999	2004	2009
average degree index of land desertification	2.04227	1.8834579	1.849336

The average degree of desertification in China is decreasing since 1999.



1994–1999, annual increase of sandy desertification 3436km²

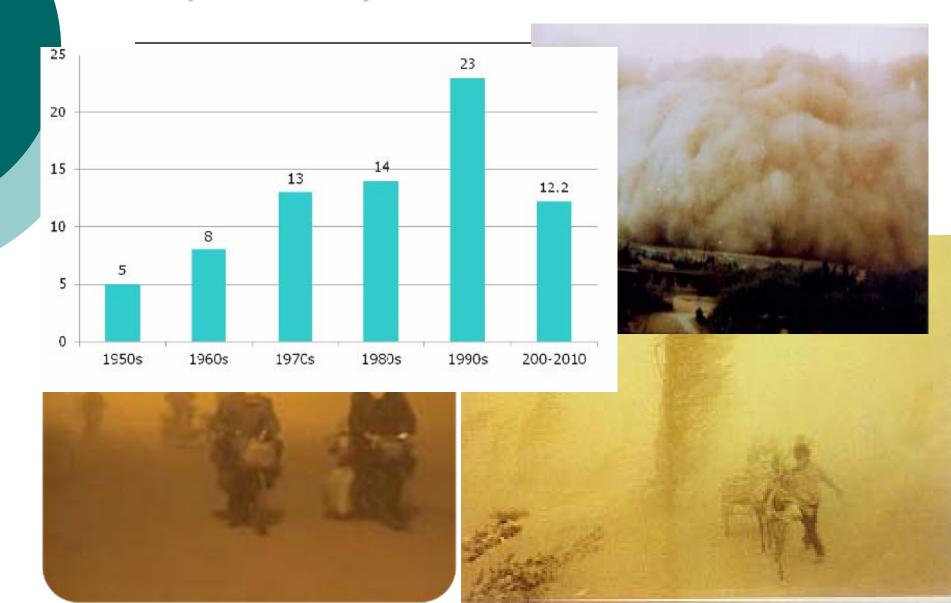
Annual reverse of 1283km² sandy desertification

Third round national desertification monitoring





Annual Average Dust and Sand Storms (DSS) in China in 20th Century and recent 10years

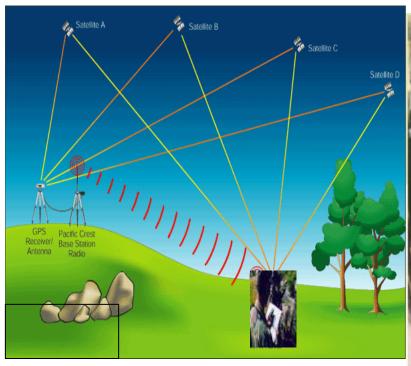


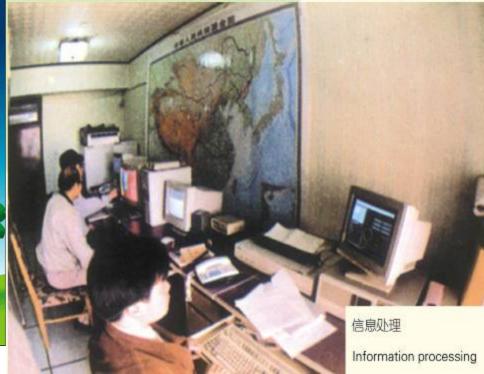
Governmental efforts –Basic principles

- Integrated desertification combating into State social and economic development plan
- Taking action based on laws,
- Applying scientific based approaches
- Integrated management and cross-department cooperation ,
- Governmental efforts supported by social mobilization and all stakeholders participation

Strengthen Scientific support to provide basis of national Programming

- Monitoring and assessment system
- Dissemination of best practices

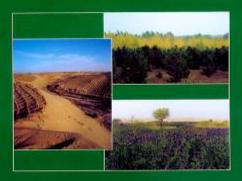




*Compilation of best practices

中国防沙治沙 实用技术与模式

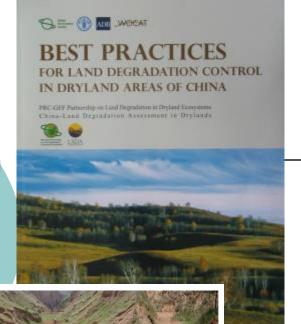
国际秘密局的论师通常管理中心



中国环境科学出版社



Expert consultation for scientific decision-making

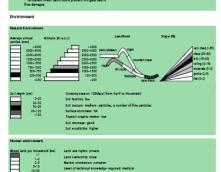


Check Dam Xifeng County, Gansu Province, P.R.China

gradient. Specifically, the check dem location is related in narrow channel with large actions trappes appeared, and death basic according to the disease of the destine make out the actions of the damp large of the action of the destine, make out the actions of the damp large, on the provide class and entered the action of the destine action of the d

- 49 cases were collected from 10 provinces and compiled as a book
- covering 10 subcategories and 5 categories of techniques
- including sand dune fixation, revegetation, soil erosion control, agro-forestry and utilization of natural resources
- Financed jointly by GEF-China and GEF-LADA project





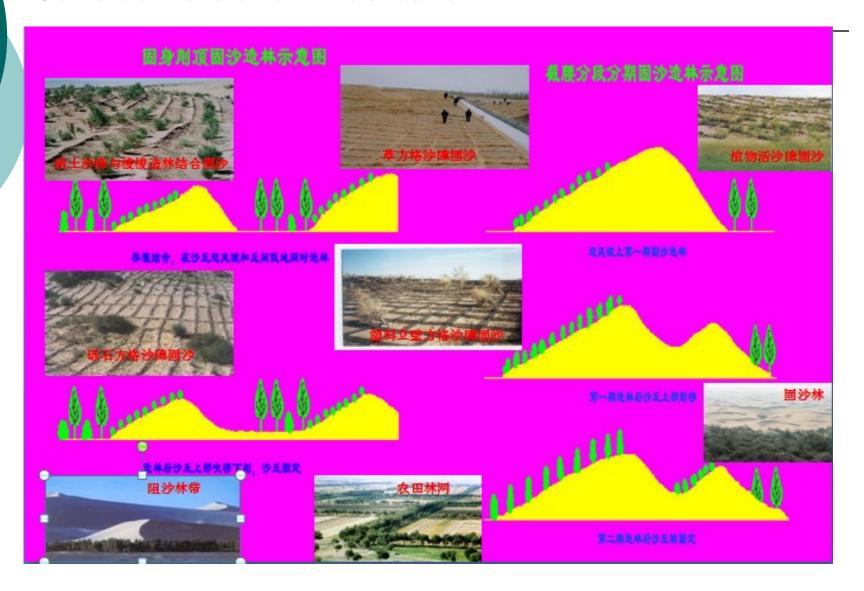




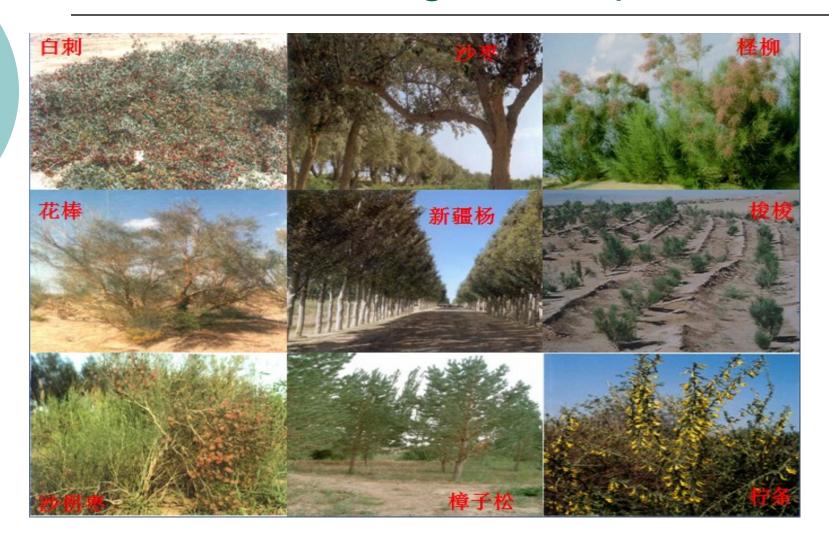
Observational demonstration allow in located at the Locate phases with continuation proposed minest, drought and last and in volvere and strings, non-demonstrate rating in summer and authors. The amount of everage annual rating in \$59.5. mm and the amount of everage annual rating in \$59.5. mm and the amount of everage annual rating in \$59.5. mm and the strings of the everage annual rating in \$59.5. mm and the strings of the everage annual rating in \$50.5. mm and the strings of the everage annual rating in \$50.5 mm and \$

PDF created with pdfFactory Pro trial version www.pdffactory.com

Sand barriers and windbreaks



Selection of indigenous species





Full cover

Belt cover



Desert vegetation processing and utilization



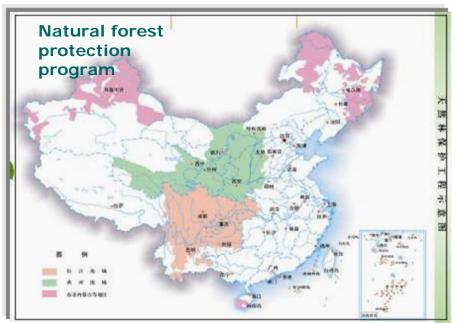
 Implemented well designed projects to increase forest and grass coverage Governmental invested key projects for ecological

improvement

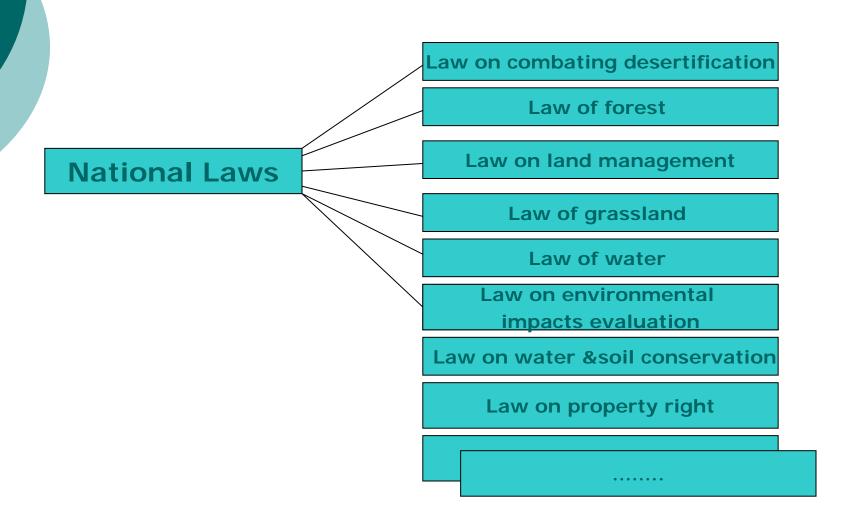
- Central Government budget invest
- Local governments implementation
- Farmers participation
- Low input







Law framework based regulatory measures to control unsustainable land use





Put in place a benefit driven system to mobilize the active participation of the whole society

 Governmental payment and provision of ecological good (PES, Forest ES, GrassES)

Ecological improvement project, Land use Transition, Forest management,

- Market system for Forest ecological payment
- Market based sustainable commercial forest management

Collective forest property right reform 70years land use right, Logging permission for sustainable use

By incentive policy driving

Private investment



- ●2007年温家宝总理接见全国治沙劳模
- Premier Wen Jiabao met with working models in



Government payment

Compensation and subsidies to farmers

Grain for Green

Duration 8years+ afforestation,25provinces

Soil erosion &flood

- Cropping easement slope land and sandy land at the Yellow river basin and Yangtz River basin
- Reforestation: Plantation structure:7:3 (ecological: economical)

Compensate loss of farmers

- Grain compensation:2150kg/ha/year Yangtz River1500kg/ha/year Yellow River
- Cash subsidies :750yuan/ha/year
- Cash for seedlings: 750yuan/ha/year

Second phase: the second 8-year, all cash payment

Forest Ecological Benefit
 Compensation Fund

Duration 10years+ management
Improving forest ecosystem services
Water heads, natural reserves and
post afforestation management

 Forest protection and management Refforestation, tending, fire, pest disease

Compensation to input of organization, collectives, individual farmers

Cash payment: 75yuan/ha/year

Xu,et al 2006. Liu, et al 2006.

Sustainable management of commercial forest

Targeting: Commercial forest (70% commercial: 30% ecological in southern China)
sustainable forest management SFM (local) Vs SFM (Int.)

Objectives: sustainable development of timber and wood production not compromising ecological security, improving income of local forest farmers

- Collective forest property right reform
- Empowerment and return forest property right to farmers
 Land use right 70 years
 Forest property right
 ownership, management, gaining profit
- Logging permission system reform
 Logging quota application Sustainable forest management program based on year of tree +market demand
- Timber procurement by forestry department--- market based
- Services provided to individual farmers in land transfer, pest and disease control
- Loan and credit support for forest farmers

Establish mechanism that combine incentives with accountability and heighten the sense of responsibility of all Levels of Local governments

- Agreement between provincial and central government on annual target of the land degradation control.
- Reporting and evaluation and assessment of the performance and effectiveness of provincial governments.
- Linking desertification control with leading governor's official term evaluation.
- Punishment and reward.



• Ensure Coordination among various departments and full participation of the Whole society in the fight against desertification.

CCICCD 19 ministries

- State Forestry Administration
- Ministry of Foreign Affairs
- Ministry of Finance
- National development and reform commission
- Ministry of agriculture
- Ministry of water resources
- Ministry of environmental proetection
- State council leading office for poverty alleviation
- Ministry of science and technology

IV. Improvements made

Ecological improvement

Diverse income generation

Capacity building

Awareness raising

Ecological condition improved



Take Beijing and Tianjin Sand Wind source control project for instance, it makes a completion of total 5.76 million hectares of forestry management, forest coverage rate increased from 12.4% in the beginning to the current 17.1%; "Three North" Shelterbelt achieve the accomplishment of 24.67 million hectare forest conservation areas, forest coverage rate has seen an mount up from 5.05 percent in 1977 to the present 10.51%.

Livelihood improvement and income generation





• Rural poverty population decreased at an annual rate of 6.8%.





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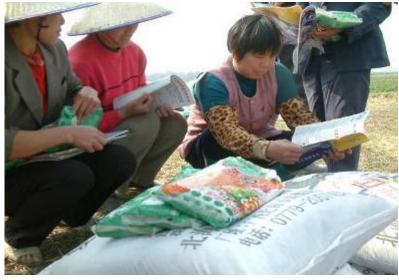
Capacity building











2011-10-17 30

Awareness raising







2011-10-17 31

V. Technical transfer

LADA project Supported Asian workshop on land assessment



Stakeholders meeting and field investigation in Wengniute County

Seminar under China Africa Forum



June 17, 2011
 opening seminar for
 African countries on
 combating
 desertification

• Field trip in Hebei

- 13countries,33Gover nmental officers
- 3weeks lectures and field trip
- Policy and technical seminar

 Training workshop hosted by China Forestry Academy under UNEASPEC project on NEA DDS mitigation for Mongolian



- 1week training
- Lectures + field trip
- Policy and technical courses

Opening ceremony
 Attended by CCICCD and
 Mongolian committee to
 combat desertification



Experiencing Mongolian culture ecotourism





- Losing session
- Award of certificate

•Bilateral training similar natural condition Focus on common issues, Base for piloting project



