Strategies and Actions of Biodiversity Conservation in China

ZHANG Fengchun

Policy/Institutional Expert of ECBP

FECO, MEP

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CHINA NATIONAL BIODIVERSITY STRATEGY AND ACTION PLAN was approved in principle on 15 September, 2010.
China Biodiversity Strategy and Action Plan

3 Strategic Goals
8 Strategic Tasks
10 Priority Domains
30 Priority Actions
35 Priority Regions
39 Priority Projects
3 Strategic Goals

Immediate goal:
by 2015, effectively halting the BD degrading trend of key areas

Mid-term goal:
by 2020, effectively halting the BD loss in China

Long-term goal:
by 2030, effectively conservation of BD in China
8 Strategic Tasks

1. Improving BD-related policies, laws and regulations
   - Policies for peripheries of nature reserves, and incentive policy for conservation and sustainable use
   - Studies on legislation of ABS, TK, biosafety and alien invasive species

2. Mainstreaming BD into plannings of governments at national and local levels
   - Integration of BD in plans, development of PBSAPs
   - Evaluation and monitoring system for implementation of plans
8 Strategic Tasks

3. Strengthening capacity building for BD conservation
   - Inventory, red books
   - Research, monitoring, inspection and quarantine

4. Strengthening BD in situ conservation and encouraging ex situ conservation
   - Management of nature reserves
   - Germplasm banks and protection of genetic resources
8 Strategic Tasks

5. Boosting sustainable utilization of biological resources
   - Biotechnology
     - Use of biotechnology in agriculture, forestry, medicine and environmental protection

6. Strengthening studies on ABS and related regimes
   - Int’l cooperation, demonstration and studies and management regimes
   - Establishment of ABS mechanisms in China
8 Strategic Tasks

7. Enhancing the capacity in handling new challenges and new threats
   - Studies on invasive mechanisms of alien species and monitoring and warning systems
   - Evaluation of risks of GMS and indicator systems

8. Raising awareness and strengthening int’l cooperation
   - Dissemination and education
   - Strengthening implementation of CBD
10 Priority Domains

1. Policy and legislative framework;
2. Mainstreaming and sustainable use;
3. Inventory, evaluation and monitoring;
4. In situ conservation;
5. Ex situ conservation;
6. ABS;
7. Alien invasive species and biosafety;
8. Responses to climate change;
9. Researches and personnel training;
10. Public participation and partnership
30 Priority Actions

Policy and legislative framework

1. Improvements of policies for BD conservation and sustainable use

2. Improvements of laws and regulations on BD conservation and sustainable use

3. Improvements of BD-related institutions and coordination mechanisms
30 Priority Actions

Mainstreaming and sustainable use

4. Mainstreaming BD into regional plans and master plans

5. Sustainable use of BD resources

6. Reduction of pollution effects on BD
30 Priority Actions

Inventory, evaluation and monitoring

7. Baseline inventory of germplasm and ecosystems

8. Inventory of genetic resources and BD-related traditional knowledge

9. Establishment of national monitoring and warning systems

10. Informationization of genetic resources and coordination

11. Comprehensive evaluation of national BD resources
30 Priority Actions

In situ conservation

12. Systematic planning of nature reserves and their management

13. Conservation of selected priority areas

14. Improvements of establishment and management of nature reserves in China

15. Conservation of BD beyond nature reserves
30 Priority Actions

Ex situ conservation

17. Enhancement of function of ex situ conservation system

18. Establishment of improvements of protection systems for genetic resources

19. Reintroduction of caged populations and rehabilitation of wild populations
30 Priority Actions

20. Researches on sustainable utilization of genetic resources and related innovation

21. Establishment of regimes and mechanisms for ABS

22. Establishment of system for entry-exit inspection and quarantine
30 Priority Actions

Alien invasive species and biosafety

23. Enhancement of capacity for early warning, emergency responses and monitoring of alien invasive species

24. Establishment of system for safety evaluation, detection and monitoring of GMO
30 Priority Actions

Responses to climate change

25. Development of national strategy and action plan for BD responding to CC

26. Assessment of effects of biofuels plantation on BD
30 Priority Actions

Researches and personnel training

27. Researches on BD-related issues

28. Personnel training in the field of biodiversity
30 Priority Actions

Public participation and partnership

29. Establishment of public participatory mechanisms

30. Establishment of BD-related partnership
35 Priority Regions
35 Priority Regions

Inland terrestrials and water bodies

1. Mountain-plain Regions of northeast

Area: Heilongjiang, Jilin, Liaoning and Eastern Inner Mongolia

Targets: Big *Felidae* cats, birds and fish...
35 Priority Regions

Inland terrestrials and water bodies

2. Deserts of Inner Mongolia-Xinjiang Plateau

**Areas:** Xinjiang, Inner Mongolia, Ningxia, Gansu, Shaanxi, Shanxi and Hebei

**Targets:** Desert ungulates, steppe and plateau birds and plant species...
3. Loess Plateau of North China Plain

**Areas:** Beijing, Tianjin, Shandong, Hebei, Henan, Shanxi, Jiangsu, Anhui, Shaanxi, Ningxia, Qinghai and Gansu

**Targets:** Steppe ecosystems, temperate forest ecosystems birds inhabiting inland waters...
35 Priority Regions

Inland terrestrials and water bodies

4. High-cold regions of Qinghai-Xizang Plateau

**Areas:** Xizang, Qinghai, Xinjiang, Gansu, Sichuan

**Targets:** Virgin vegetation, plateau ecosystem, river heads, ungulates, birds, fish…

![Black-necked crane](image)

![Wild yak](image)

![Tibetan antelope](image)
35 Priority Regions
Inland terrestrials and water bodies

5. Mountain-gorge region of Southwest

Areas: Xizang, Sichuan, Yunnan

Targets: Mountain-gorge ecosystem, giant panda, golden monkey, Indochinese tiger, other animals, plants…
35 Priority Regions

Inland terrestrials and water bodies

6. Hill regions of Central and South China

**Areas:** Guizhou, Sichuan, Chongqing, Yunnan, Shaanxi, Gansu, Henan, Hunan, Hubei

**Targets:** Subtropical forests, Karst vegetation, panda, *Nipponia nippon, Alsophila spinulosa*, endemic fishes at upper Changjiang...
35 Priority Regions

Inland terrestrials and water bodies

7. Hill-Plain Regions of East and Central China

**Areas:** Jiangxi, Zhejiang, Shanghai, Henan, Anhui, Jiangsu, Hubei, Hunan, Fujian, Guangdong, Guangxi

**Targets:** Wetlands, *Acipenser Sinensis*, birds, South China tiger…
35 Priority Regions

Inland terrestrials and water bodies

8. Low-Mountain-Hill Regions of South China

**Areas:** Fujian, Guangdong, Guangxi, Yunnan, Hainan, Taiwan

**Targets:** Tropical forests, mangrove, monkeys and elephant ...

![Mangrove](image)

![Tropical forest](image)

![Elephas maximus](image)

![Black gibbon](image)

![Map of South China](image)
35 Priority Regions

Ocean and Costal Regions

1. **Huang Sea-Bohai Sea**: estuaries, wetlands, salt fields...

2. **East Sea-Taiwan Strait**: Wetlands, estuaries...

3. **South China Sea**: habitats of *Tachpleus tridentatus*, *Branchiostoma lanceolatum*, mangrove and corals...

[Map of China with priority regions indicated]
Thank You