



CERN

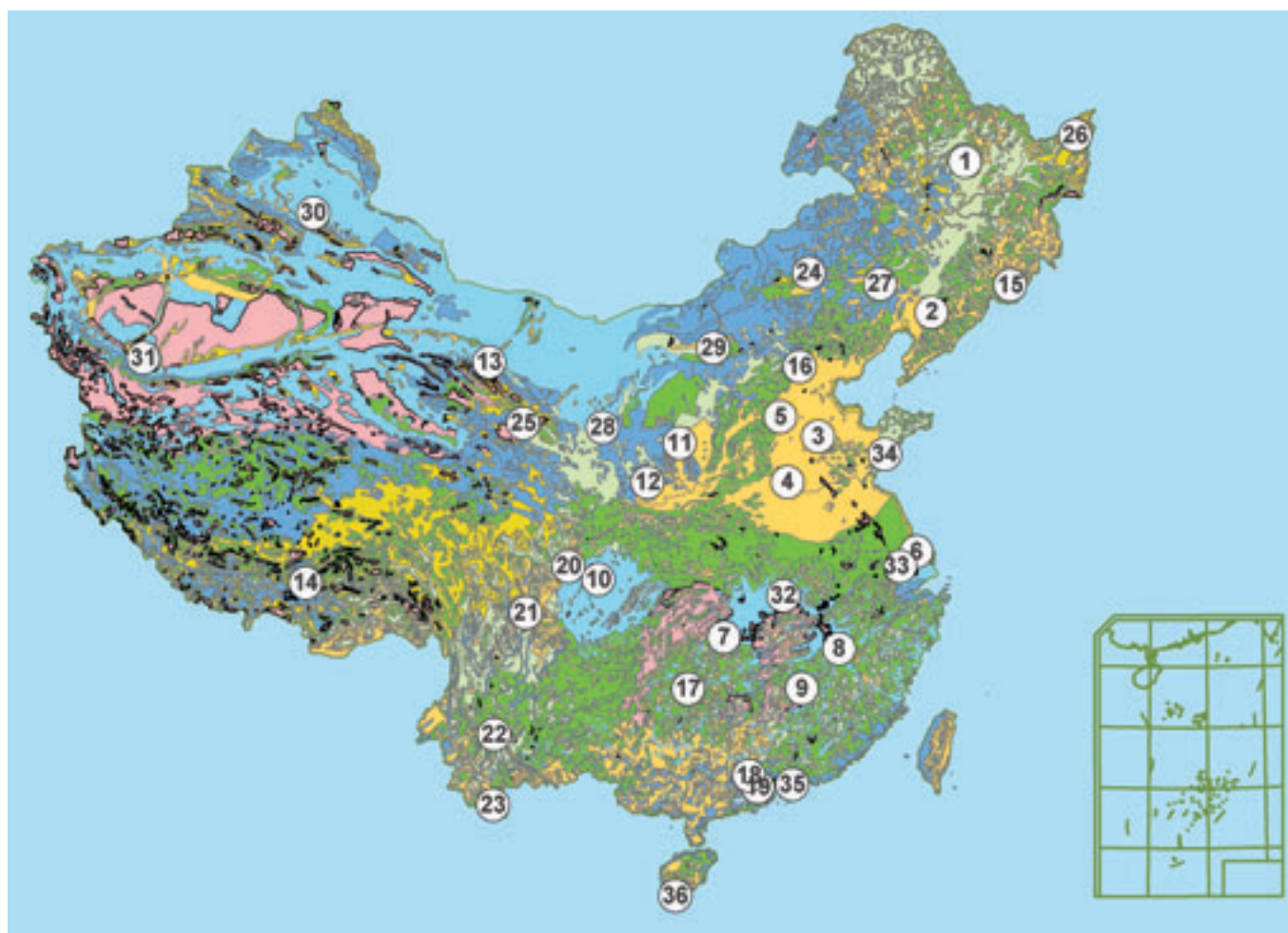
Chinese Ecosystem Research Network

A base for ecological monitoring, research and demonstration



Chinese Ecosystem Research Network (CERN)

Supported by the Chinese Academy of Sciences (CAS), Chinese Ecosystem Research Network (CERN) was established in 1988. In addition to five disciplinary centers and a Synthesis Research Center, it also consists of 36 ecological research stations representing diverse ecosystems, including 14 stations for agriculture, 9 for forest, 2 for grassland, 5 for desert, 1 for marsh, 2 for lake and 3 for marine ecosystems. More than 1000 scientists and graduate students from 20 institutes in the fields of ecology, natural resources and environment under the Chinese Academy of Sciences have been involved in the activities of CERN.



Distributions map of ecosystem research stations of CERN

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Cover, Korean Pine and deciduous trees mixed forest near Changbai Mt. Station ZHAO Shidong

Vision

Through network observation and experiments, with remote sensing, GIS and mathematical modeling, achieving long-term and comprehensive ecological monitoring and research in China, in order to improve ecosystem management, ensure the rational utilization of natural resources and sustainable socio-economic development, and advance ecological study.

Mission

● Monitoring

To engage in monitoring on the water, soil, atmosphere and biological elements of major ecosystems, the important ecological processes such as the energy and matter flow, and land use and land cover changes in the surrounding areas of the stations, by the standardized methods.

● Research

To conduct researches on the structure, function and dynamics of the major ecosystems in China, as well as the approaches and methods for sustainable ecosystem management.

● Demonstration

To provide managerial models of sustainable ecosystem management for the surrounding areas of the stations.

Through the efforts in past years, CERN has been placed as a base for ecological monitoring, research and demonstration in China. It has also become an integral part of the international long-term ecological research and monitoring networks by establishing close relationship with other key partners in the world.

Core research areas

- ◆ Horizontal, vertical and trophic structures of ecosystems
- ◆ Cycling of carbon, nitrogen, water and other key elements of life-supporting system
- ◆ Energy flow of ecosystems
- ◆ Ecosystem productivity
- ◆ Dynamics of ecosystems
- ◆ Restoration and rehabilitation of degraded ecosystems
- ◆ Impacts of human activities on ecosystems
- ◆ Sustainable management of ecosystems
- ◆ Biodiversity conservation and sustainable use
- ◆ Interactions between climate change and ecosystems



Experimental plots of agricultural ecosystem in Luancheng Station (5), HU Chunsheng

Synthesis Research Center

Location: Chaoyang District of Beijing, China

Tasks: transmission, storage, analysis and management of observation data; data management methods; study on the cycling of key life-supporting elements of ecosystems; integrated study on the natural resources, environmental and ecological issues at national scale; global change study.

Affiliated institute: Institute of Geographic Sciences and Natural Resources Research, CAS

Director: YU Guirui

Mailing address: 11 Datun Road, Chaoyang District, Beijing 100101, China

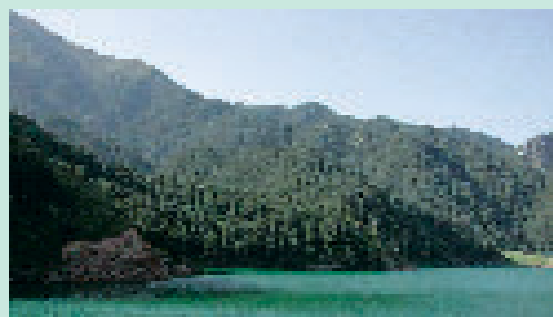
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E-mail: yuguirui@cern.ac.cn



Experimental plots in Yucheng Station(3), OUYANG Zhu



Sub-alpine coniferous forest near Linze Station(13), ZHAO Wenzhi



Flux observation tower in Qianyanzhou Station(9), LIU Qijing

Sub-Centers

● Sub-Center for Water

Location: Chaoyang District of Beijing, China

Tasks: quality control, storage and analysis of water data; standardization of water observation methods; study on water cycle and balance of ecosystems

Affiliated institute: Institute of Geographic Sciences and Natural Resources Research, CAS

Director: SUN Xiaomin

Mailing address: 11 Datun Road, Chaoyang District, Beijing 100101, China

Tel.: + 86 10 64889762

Fax: + 86 10 64858099

E-mail: sunxm@igsnr.ac.cn

● Sub-Center for Soil

Location: Nanjing City of Jiangsu Province, China

Tasks: quality control, storage and analysis of soil data; standardization of soil observation methods; study on the cycling of key life-supporting elements in soil.

Affiliated institute: Institute of Soil Science, CAS

Director: SUN Bo

Mailing address: 71 East Beijing Road, Nanjing City, Jiangsu Province 210008, China

Tel.: + 86 25 3615019

Fax: + 86 25 6881000

E-mail: bsun@issas.ac.cn



Comprehensive experimental site in Sanjiang Station (26), SONG Changchun



Observation site in Sub-Center for Atmosphere, WANG Yuesi



Meadow near Ailaoshan Station(22), LIU Yuhong



Experimental plots in Changbai Mt. Station(15), HAN Shijie



Meteorological observation site in Haibei Station(25), ZHAO Shidong

● Sub-Center for Atmosphere

Location: Chaoyang District of Beijing, China

Tasks: quality control, storage and analysis of meteorological data; standardization of meteorological observation methods; study on the interactions between atmospheric environment and ecosystems.

Affiliated institute: Institute of Atmospheric Physics, CAS

Director: WANG Yuesi

Mailing address: Qijia Huozi, Chaoyang District, Beijing 100029, China

Tel.: + 86 10 82080530

Fax: + 86 10 82028726

E-mail: wys@dq.cern.ac.cn

● Sub-Center for Biology

Location: Haidian District of Beijing, China

Tasks: quality control, storage and analysis of biological data; standardization of biological observation methods; study on biodiversity.

Affiliated institute: Institute of Botany, CAS

Director: WU Dongxiu

Mailing address: 20 Nanxin Village, Haidian District, Beijing 100093, China

Tel.: + 86 10 82594422

Fax: + 86 10 82594422

E-mail: wudx@ns.ibcas.ac.cn

● Sub-Center for Aquatic Ecosystems

Location: Wuhan City of Hubei Province, China

Tasks: quality control, storage and analysis of the data on aquatic ecosystems; standardization of observation methods; studies on aquatic ecosystems at regional or national scales.

Affiliated institute: Institute of Hydrobiology, CAS

Director: CAI Qinghua

Mailing address: 7 South Donghu Road, Wuhan City, Hubei Province 430072, China

Tel.: + 86 27 87647865

Fax: + 86 27 87875132

E-mail: qhcai@ihb.ac.cn

Research Stations for Agricultural Ecosystems

1. Hailun Agricultural Ecological Station

Site location: 47° 26' N and 126° 38' E, located in Hailun City of Heilongjiang Province, China

Research topics: structure and function of farmland ecosystem in Songnen Plain and demonstration of sustainable agriculture.

Affiliated institute: Northeast Institute of Geography and Agricultural Ecology, CAS

Director: HAN Xiaozeng

Mailing address: 138 Haping Road, Harbin City, Heilongjiang Province 150040, China

Tel.: + 86 451 86602940

Fax: + 86 451 86603736

E-mail: xdhsxzh@mail.hrb.hl.cninfo.net

2. Shenyang Experimental Station of Ecology

Site location: 41° 31' N and 123° 24' E, located in Shenyang City of Liaoning Province, China

Research topics: structure and function of farmland ecosystem in the lower reaches of Liaohe River; restoration of polluted soil and sustainable development of regional agriculture.

Affiliated institute: Institute of Applied Ecology, CAS

Director: LIANG Wenju

Mailing address: 72 Wenhua Road, Shenhe District, Shenyang City, Liaoning Province 110016, China

Tel.: + 86 24 83970452

Fax: + 86 24 83970300

E-mail: liangwj@iae.ac.cn

3. Yucheng Integrated Agricultural Experimental Station

Site location: 36° 40' N and 116° 22' E, located in Yucheng City of Shandong Province, China

Research topics: structure and function of farmland ecosystem at Huanghuaihai Plain; demonstration of sustainable agriculture; water cycling and balance; crops modeling; and applied remote sensing.

Affiliated institute: Institute of Geographic Sciences and Natural Resources Research, CAS

Director: OUYANG Zhu

Mailing address: 11 Datun Road, Chaoyang District, Beijing 100101, China

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E-mail: ouyz@igsrr.ac.cn



Nutrient test site of black soil near Hailun Station(1), HAN Xiaozeng



Experimental plots in Shenyang Station(2), LIANG Wenju



Observation site in Yucheng Station(3), ZHAO Shidong

4. Fengqiu Agricultural Ecological Station

Site location: 35° 00' N and 114° 24' E, located in Fengqiu County, Henan Province, China

Research topics: structure and function of farmland ecosystem at Huanghuaihai Plain and demonstration of sustainable agriculture.

Affiliated institute: the Institute of Soil Science, CAS

Director: ZHANG Jiabao

Mailing address: 71 East Beijing Road, Nanjing City, Jiangsu Province 210008, China

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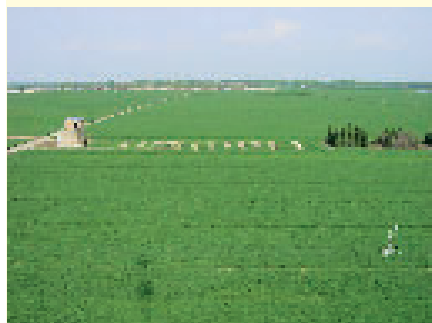
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Meteorological observation site in Luancheng Station(5), HU Chunsheng



Nutrient stress test plots in Luancheng Station (5), HU Chunsheng



Nutrient balance test plots in Luancheng Station (5), HU Chunsheng

5. Luancheng Agricultural Ecological Station

Site location: 37° 53' N and 114° 41' E located in Shijiazhuang City of Hebei Province, China

Research topics: structure and function of farmland ecosystem at the foothill plain of Taihang Mountain; water cycling and balance and demonstration of sustainable agriculture.

Affiliated institutes: Institute of Genetics and Developmental Biology and, Institute of Geographical Sciences and Natural Resources Research, CAS

Director: HU Chunsheng

Mailing address: 286 Huaizhong Road, Shijiazhuang City, Hebei Province 050021, China

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Fax: + 86 311 5814360

E-mail: cshu@heinfo.net



Experimental plots in Fengqiu Station(4), ZHAO Shidong



Ecological environment monitoring system in Fengqiu Station(4), ZHANG Jiabao

6. Changshu Agro-Ecological Experiment Station

Site location: 31° 32' 56" N and 120° 41' 53" E, located in Changshu City of Jiangsu Province, China

Research topics: structure and function of farmland ecosystem in Yangtze River Delta and demonstration of sustainable agriculture.

Affiliated institute: the Institute of Soil Science, CAS

Director: WANG Dejian

Mailing address: 71 East Beijing Road, Nanjing, Jiangsu Province 210008, China

Tel.: + 86 25 3600452

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E-mail: djwang@issas.ac.cn



Greenhouse agriculture demonstration in Changshu Station (6), WANG Dejian

7. Taoyuan Agricultural Ecological Station

Site location: 28° 55' N and 111° 27' E, located in Taoyuan County, Hunan Province

Research topics: structure and function of farmland ecosystem in red soil hilly land in the subtropical area and demonstration of sustainable agriculture.

Affiliated institute: Institute of Subtropical Agriculture, CAS

Director : WANG Kairong

Mailing address: Furong District, Changsha City, Hunan Province 410125, China

Tel.: + 86 731 4615244

Fax: + 86 731 4612685

E-mail:krwang@isa.ac.cn

8. Yingtan Red soil Ecological Station

Site location: 28° 15' N and 116° 55' E, located in Yingtan City of Jiangxi Province, China

Research topics: structure, function and dynamics of red soil ecosystems and demonstration of sustainable agriculture.

Affiliated institute: the Institute of Soil Science, CAS

Director: HE Yuanqiu

Mailing address: 71 East Beijing Road, Nanjing City, Jiangsu Province 210008, China

Tel.: + 86 25 6881068

Fax: + 86 25 6881000

E-mail:yqhe@issas.ac.cn

9. Qianyanzhou Agricultural Experimental Station of Red Soil and Hilly Land

Site location: 26° 44' 51" N and 115° 04' 00" E, located in Taihe County of Jiangxi Province, China

Research topics: management of agro-forestry ecosystem in red soil and hilly land areas; ecological restoration and carbon cycling.

Affiliated institute: Institute of Geographical Sciences and Natural Resources Research, CAS

Director : LIU Qijing

Mailing address: 11 Datun Road, Chaoyang District, Beijing 100101, China

Tel.: +86 10 64856517

Fax: + 86 10 64854230

E-mail: liuqj@igsnr.ac.cn

10. Yanting Agricultural Ecological Station on Purple Soil

Site location: 31° 16' N and 105° 27' E, located in Yanting County of Sichuan Province, China

Research topics: structure and function of farmland ecosystems in hilly land of Sichuan Basin and demonstration of sustainable agriculture.

Affiliated institute: Institute of Mountain Hazards and Environment, CAS

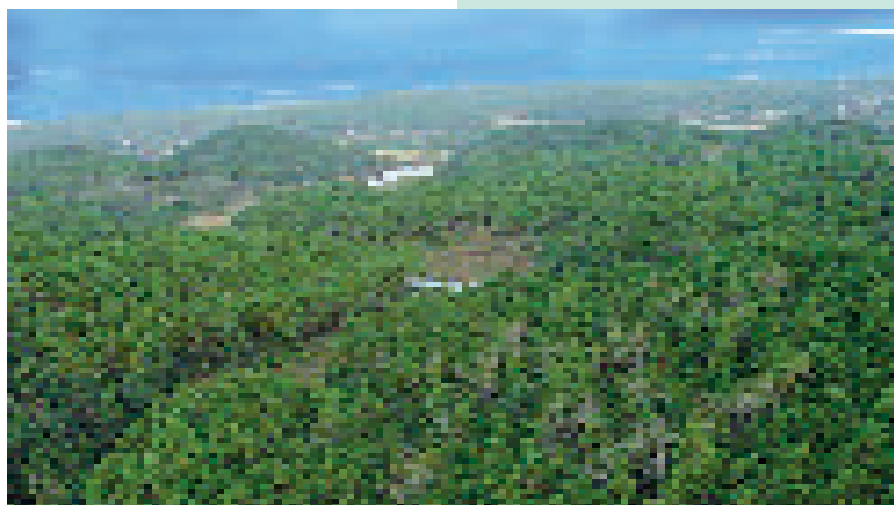
Director: ZHU Bo

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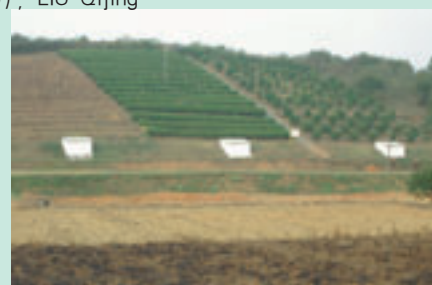
E-mail:bzhu@imde.ac.cn



Man-made forest near Qianyanzhou Station(9), LIU Qijing



Landscape of purple soil area near Yanting Station(10), ZHU Bo



Experimental site in Taoyuan Station(7), WANG Kairong



Meteorological observation site in Yanting Station (10), ZHU Bo

11. Ansai Integrated Experiment Station on Water and Soil Conservation

Site location: 36° 51' 30" N and 109° 19' 23" E, located in Yan'an City of Shaanxi Province, China

Research topics: process, mechanism and control of water loss and soil erosion in Loess Plateau; study on the flows of matter, energy and information in agricultural ecosystems

Affiliated institute: Institute of Water and Soil Conservation, CAS

Director: LIU Guobin

Mailing address: 26 Xi'nong Road, Yangling Demonstration Area, Shaanxi Province 712100, China

Tel.: + 86 29 7012907

Fax: + 86 29 7012210

E-mail: gbliu@ms.iswc.ac.cn



Experimental site for measuring soil and water erosion in Ansai Station(11), ZHAO Shidong



Comprehensive experimental site in Changwu Station(12), LIU Wenzhao

12. Changwu Agro-Ecological Experiment Station in Loess Plateau

Site location: 35° 12' N and 107° 40' E, located in Changwu County of Shaanxi Province, China

Research topics: structure, function and sustainable development of agricultural ecosystems in the ravine areas of Loess Plateau.

Affiliated institute: Institute of Water and Soil Conservation, CAS

Director: LIU Wenzhao

Mailing address: 26 Xi'nong Road, Yangling Demonstration Area, Shaanxi Province 712100, China

Tel.: + 86 29 7012307

Fax: + 86 29 7012210

E-mail: wzliu@ms.iswc.ac.cn



Oasis agriculture near Linze Station(13), ZHAO Wenzhi

13. Linze Inland River Basin Comprehensive Research Station

Site location: 39° 4' N and 99° 35' E, located in Linze County of Gansu Province, China

Research topics: process, pattern and interactions of the land surface layer system in Heihe River Basin; restoration and rehabilitation of degraded ecosystems.

Affiliated institute: Cold and Arid Regions Environmental and Engineering Research Institute, CAS

Director: ZHAO Wenzhi

Mailing address: 260 West Donggang Road, Lanzhou, Gansu Province 730000, China

Tel.: + 86 931 4967137

Fax: +86 931 8273894

E-mail: zhaowzh@ns.lzb.ac.cn



Flux observation site in Lhasa Station (14), SHI Peili

14. Lhasa Qing-Zang (Tibet) Plateau Ecosystem Research Station

Site location: 29° 40' 40" N and 91° 20' 37" E, located in Xizang(Tibet), China

Research topics: structure and function of agricultural and livestock ecosystems in Qing-Zang Plateau and global change.

Affiliated institute: Institute of Geographic Sciences and Natural Resources Research, CAS

Director: ZHANG Xianzhou

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E-mail: zhangxz@igsnr.ac.cn

Research Stations for Forest Ecosystems



Above, Chinese Fir plantation in Huitong Station(17), ZHAO Shidong

Left, observation site in Beijing Station(16), SANG Weiguo

Far left, meteorological observation site in Changbai Mt. Station (15), HAN Shijie

15. Changbai Mt. Forest Ecosystem Research Station

Site location: 42° 24' N and 128° 28' E, located in Antu County, Jilin Province, China

Research topics: structure, function, dynamics and management of temperate forest ecosystem; biodiversity; global change and carbon cycling.

Affiliated institute: Institute of Applied Ecology, CAS

Director: HAN Shijie

Mailing address: 72 Wenhua Road, Shenhe District, Shenyang City, Liaoning Province 110016, China

Tel.: + 86 24 83970304

Fax : + 86 24 83970300

E-mail: hansj@iae.ac.cn

16. Beijing Forest Ecological Station

Site location: 40° 00' N and 115° 26' E, located in Mentougou District, Beijing, China

Research topics: structure, function and dynamics of forestry ecosystems in warm temperate zone ; biodiversity and global change.

Affiliated institute: Institute of Botany, CAS

Director: SANG Weiguo

Mailing address: 20 Nanxin Village, Beijing 100093, China

Tel.: + 86 10 82599519

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E-mail: swg@ns.ibcas.ac.cn

17. Huitong Research Station of Forest Ecosystem

Site location: 26° 47' 23" N and 109° 35' 26" E, located in Huitong County, Hunan Province, China

Research topics: structure, function, dynamics and sustainable management of subtropical plantations, and restoration ecology. **Affiliated institute:** Institute of Applied Ecology, CAS

Director: WANG Silong

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Tel.: + 86 24 23916283

Fax: + 86 24 83970300

E-mail: slwang21@hotmail.com

18. Dinghu Mountain Research Station of Forest Ecosystem

Site location: 23° 10' N and 112° 32' E, located in Zhaoqing City of Guangdong Province, China

Research topics: structure, function and dynamics of southern subtropical evergreen forest ecosystems; biodiversity and carbon cycling.

Affiliated institute: South China Institute of Botany, CAS

Director: ZHOU Guoyi

Mailing address: Leyiju, Tianhe District, Guangzhou City, Guangdong Province 510650, China

Tel.: + 86 20 37252615

Fax: + 86 20 37252615

E-mail: gyzhou@scib.ac.cn

19. Heshan Mountain Integrated Experimental Station of Hilly Land

Site location: 22° 41' N and 112° 54' E, located in Heshan City of Guangdong Province, China

Research topics: structure, function and dynamics, as well as the restoration and rehabilitation of degraded forest ecosystem in sub-tropical and tropical zones.

Affiliated institute: South China Institute of Botany, CAS

Director: PENG Shaolin

Mailing address: Leyiju, Tianhe District, Guangzhou City, Guangdong Province 510650, China

Tel.: +86 20 37252862

Fax: + 86 20 37252831

E-mail: slpeng@scib.ac.cn

20. Maoxian Mountain Ecosystem Research Station

Site location: 31° 4' 07" N and 103° 53' 58" E, located in Maoxian County of Sichuan Province, China

Research topics: restoration and rehabilitation of degraded mountain ecosystem at the eastern part of Qing-Zang(Tibet) Plateau; biodiversity conservation and global change.

Affiliated institute: Chengdu Institute of Biology, CAS

Director: LIU Qing

Mailing address: No. 9, Section 4, Renmin Nanlu, Chengdu City, Sichuan Province 610041, China

Tel.: + 86 28 85220920

Fax: + 86 28 85222753

E-mail: liuqing@cib.ac.cn



Above, meteorological observation site in Heshan Station(19), ZHAO Shidong

Right, sap flow measurement of the trees in Heshan Station(19), PENG Shaolin

Far right, experimental facilities in Maoxian Station(20), LIU Qing



21. Gongga Mountain Observation and Experimental Station of Alpine Ecosystem

Site location: 29° 33' N and 102° 00' E, located in Luding County of Sichuan Province, China

Research topics: structure, function and dynamics of mountain forest ecosystem in the eastern edge of Qing-Zang(Tibet) Plateau; interaction between glacier and forest, and global change.

Affiliated institute: Institute of Mountain Hazards and Environment, CAS

Director: CHENG Genwei

Mailing address: No.9, Section 4, Renmin Nanlu, Chengdu City, Sichuan Province 610041, China

Tel.: +86 28 85238493

Fax: + 86 28 85222258

E-mail: gwcheng@imde.ac.cn

22. Ailao Mountain Research Station of Subtropical Forest Ecosystem

Site location: 24° 32' N and 101° 01' E, located in Jingdong County of Yunnan Province, China

Research topics: structure, function and dynamics of forestry ecosystem in subtropical mountains in Yunnan-Guizhou Plateau, and biodiversity.

Affiliated institute: Xishuangbanna Tropical Botanical Garden, CAS

Director: LIU Yuhong

Mailing address: Mengcang Township, Mengla County, Yunnan Province 666303, China

Tel.: + 86 879 6386140

Fax: + 86 879 6386140

E-mail: lyh@xtbg.ac.cn

23. Xishuangbanna Research Station of Tropical Forest Ecosystem

Site location: 21° 54' N and 101° 16' E, located in Mengla County of Yunnan Province, China

Research topics: structure, function and dynamics of tropical rainforest ecosystem; biodiversity and carbon cycling.

Affiliated institute: Xishuangbanna Tropical Botanical Garden, CAS

Director: TANG Jianwei

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Fax: + 86 691 8715070

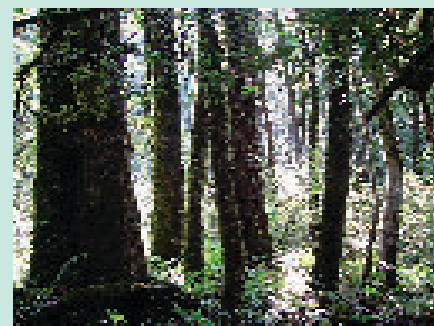
E-mail: tangjw@xtbg.org.cn



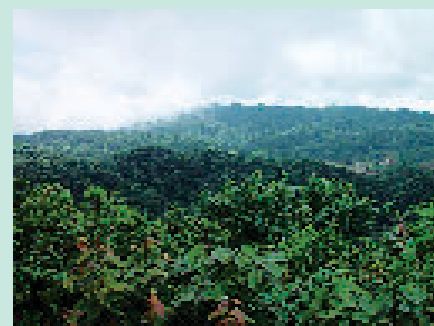
Observation tower for meteorological and carbon flux measurements near Xishuangbanna Station(23), ZHAO Shidong



Landscape of Gongga Mountain (21), CHENG Genwei



Forest structure near Ailao Mountain Station, (22), LIU Yuhong



Overview of Ailao Mountain (22), LIU Yuhong

Research Stations for Grassland Ecosystems

24.Inner Mongolia Research Station of Grassland Ecosystem

Site location: 43° 38' N and 116° 42' E, located in Xilinggol, Inner Mongolia, China
Research topics: structure, function and dynamics, as well as the managerial demonstration of sustainable temperate grassland ecosystem; biodiversity and global change.

Affiliated institute: Institute of Botany, CAS

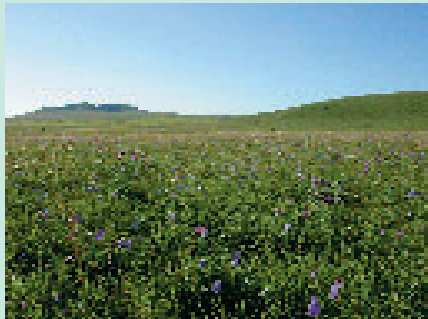
Director: BAI Yongfei

Mailing address: 20 Nanxin Village, Beijing 100093, China

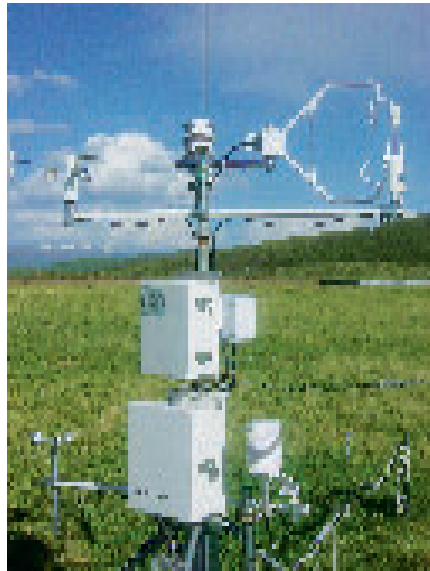
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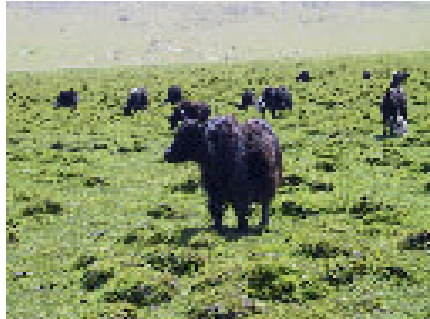
E-mail: yfbai@ns.ibcas.ac.cn



Biological monitoring site near Inner Mongolia Station (24), BAI Yongfei



Observation site in Haibei Station (25), ZHAO Xinquan



Meadow near Haibei Station (25), ZHAO Xinquan

25.Haibei Research Station of Alpine Meadow Ecosystem

Site location: 37° 37' N and 10° 19' E, located in Menyuan County of Qinghai Province, China

Research topics: structure, function and dynamics of meadow ecosystem at Qing-Zang(Tibet) Plateau; biodiversity and global change.

Affiliated institute: Northwest Plateau Institute of Biology, the CAS

Director: ZHAO Xinquan

Mailing address: 59 Xiguang Street, Xining City, Qinghai Province 810001, China

Tel.: + 86 971 6143618

Fax: + 86 971 6143282

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Landscape near Haibei Station (25), ZHAO Xinquan

Research Station for Marsh Ecosystem



Marsh near Sanjiang Station (26), ZHAO Shidong

26.Sanjiang Plain Marsh Ecological Experiment Station

Site location: 47° 35' N and 133° 31' E, located in Jiamusi City of Heilongjiang Province.

Research topics: structure, function, dynamics and management of temperate marsh ecosystem; impacts of agricultural development on marsh ecosystem and biogeo-chemical cycling of carbon and nitrogen.

Affiliated institute: Northeast Institute of Geography and Agricultural Ecology, CAS

Director: SONG Changchun

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Tel.: + 86 431 5542204

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E-mail: songcc@mail.neigae.ac.cn

Research Stations for Desert Ecosystems

27.Naiman Desertification Research Station

Site location: 43 ° 55 ' N and 120° 42' E, located in Naiman County of Inner Mongolia, China

Research topics: desertification process and regulation of farming and grazing ecotone in semi-arid zones and impact of human activities on desertification.

Affiliated institute: Cold and Arid Regions Environmental and Engineering Research Institute, CAS

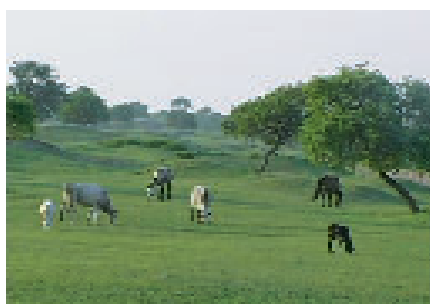
Director: ZHAO Xueyong

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Grassland near Naiman Station (27), ZHAO Xueyong



Greenhouse cultivation experiment in Shapotou Station(28), LI Xinrong



Landscape near Shapotou Station(28), LI Xinrong

28.Shapotou Desert Research and Experiment Station

Site location: 37° 27' N and 104° 57' E, located in Zhongwei County, Ningxia, China

Research topics: physical and biological process of desertification in arid desert; desertification control and restoration ecology.

Affiliated institute: Cold and Arid Regions Environmental and Engineering Research Institute, CAS

Director: LI Xinrong

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Fax: + 86 931 4967518

E-mail: lxinrong@ns.lzb.ac.cn



Desertified land near Naiman Station(27), ZHAO Shidong

29.Ordos Sandland Ecological Research Station

Site location: 39° 29' N and 110° 11' E, located in Ordos City of Inner Mongolia, China

Research topics: structure, function and dynamics of sandy grassland ecosystems in semi-arid regions; biodiversity conservation and ecological adaptability of plants.

Affiliated institute: Institute of Botany, CAS

Director: DONG Ming

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Fax: + 86 10 82594676

E-mail: dongming@ns.ibcas.ac.cn



Desert vegetation near Ordos Station(29), DONG Ming

30.Fukang Desert Ecological Research Station

Site location: 44°17' N and 87° 55' E, located in Fukang City of Xinjiang, China

Research topics: structure, function and dynamics of oasis ecosystem in the desert; desert ecology and demonstration of sustainable agriculture.

Affiliated institute: Xinjiang Institute of Ecology and Geography, CAS

Director: LI Yan

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Tel.: + 86 991 7885417

Fax: + 86 991 7885320

E-mail: liyan@ms.xjb.ac.cn

31.Cele Desert Research Station

Site location: 37° 00' N and 80° 43' E, located in Cele County, Xinjiang, China

Research topics: structure, function and dynamics of desert ecosystem; desertification control technologies and demonstration of sustainable oasis agricultural ecosystems.

Affiliated institute: Xinjiang Institute of Ecology and Geography, CAS

Director: ZHAO Yuanjie

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Transitional zone of Oasis and desert near Cele Station(31), ZHAO Yuanjie



Landscape of the transition zone from glacier to desert near Fukang Station, ZHAO Shidong

Research Stations for Lake Ecosystems

32. Donghu

Experimental Station for Lake Ecosystem

Site location: 30° 33' N and 114° 23' E, located in Wuhan City of Hubei Province, China

Research topics: structure, function, dynamics and management of freshwater ecosystem, and biodiversity.

Affiliated institute: Institute of Hydrobiology, CAS

Director: XIE Ping

Mailing address: 7 South Donghu Road, Wuhan City, Hubei Province 430072, China

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E-mail: xieping@ihb.ac.cn



Overview of Donghu Station(32), ZHAO Shidong

33. Taihu Laboratory for Lake Ecosystem

Research

Site location: 31° 24' N and 120° 13' E, located in Wuxi City of Jiangsu Province, China

Research topics: structure, function and succession pattern of lake ecosystem and interactions between physical, chemical and biological processes of lake ecosystems and human activities.

Affiliated institute: Nanjing Institute of Geography and Limnology, CAS

Director: HU Weiping

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Experimental site in Taihu Station(33), ZHAO Shidong

Research Stations for Marine Ecosystems

34. Jiaozhou Bay Research Station of Marine Ecosystem

Site location: 35° 43' N and 119° 56' E, located in Qingdao City of Shandong Province, China

Research topics: structure and function of marine ecosystems; the interactions between environmental change and human activities; and sustainable and healthy development of coastal environment.

Affiliated institute: Institute of Oceanology, CAS

Director: SUN Song

Mailing address: 7 Nanhai Road, Qingdao City, Shandong Province 266071, China

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35. Marine Biological Research Station at Daya Bay

Site location: 22° 31' 27" N and 114° 31' 12" E, located in Shenzhen City of Guangdong Province, China

Research topics: dynamic process and use of biological resource of sub-tropical marine ecosystems and study on the sustainable use of biological resources in subtropical coast.

Affiliated institute: South China Sea Institute of Oceanology, CAS

Director: WANG Youshao

Mailing address: 164 Xigang Xilu, Guangzhou City, Guangdong Province 510301, China

Tel.: + 86 20 89023102

Fax: + 86 20 89023102

E-mail: yswang@scsio.ac.cn

36. Sanya Tropical Marine Biological Research Station

Site location: 18° 13' N and 109° 28' E, located in Sanya City of Hainan Province, China

Research topics: structure, function and dynamics of tropical marine ecosystem, conservation and sustainable use of marine biological resources.

Affiliated institute: South China Sea Institute of Oceanology, CAS

Director: ZHANG Si

Mailing address: 164 Xigang Xilu, Guangzhou City, Guangdong Province 510301, China

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Overview of Daya Bay (35), ZHAO Shidong

lack cover, tree line with birch and rhododendron near Changbai Mt. Station, ZHAO
shidong



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For more information about CERN,
please visit the website at
<http://www.cern.ac.cn>.

To learn more about Chinese Terrestrial Ecosystem
Flux Observational Research Network (ChinaFLUX) ,
please visit the website at
<http://www.chinaflux.org>.