



Sustainable Campus Management

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Sustainable Development: Great Challenge for China

- Rapid economic growth and urbanization
- Challenge:
 - Eliminate poverty and improve living standards
 - Sustainable development

Environmental Protection Tasks in Next Five Years

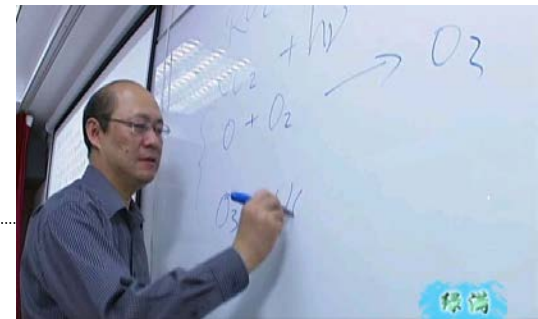
- Seeking for the way of balancing economic growth and sustainability
- Reinforcing environmental education and research
- Enhance the public's awareness of ecosystem protection
- More financial support to environmental science and technology





Education on sustainable development

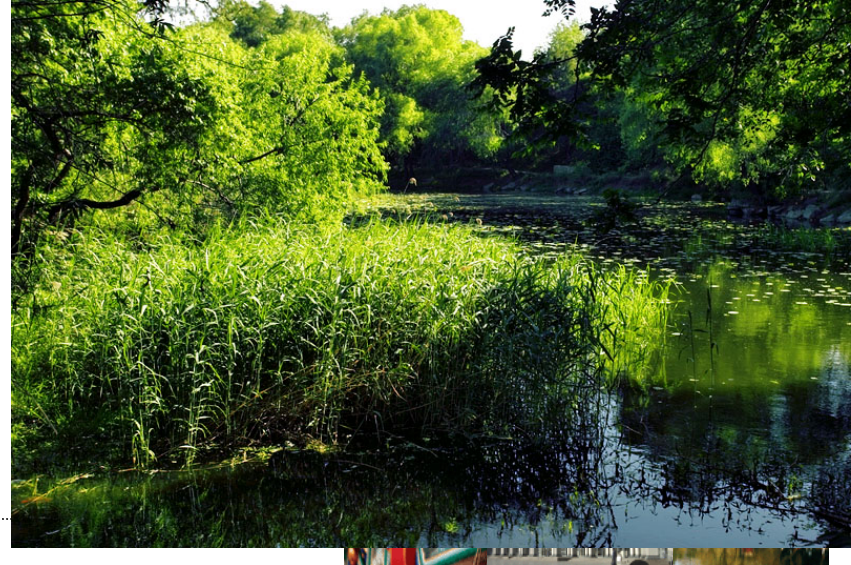
- Building ecological environmental curriculum, raising the environmental protection awareness, and training technical personnel in environmental protection
 - subjects, courses relating to the environmental education and sustainable development.
 - Social and Sustainable Development as the basic field for General Education Elective in PKU
- Executive training programs for government officials and business leaders





Sustainable Campus

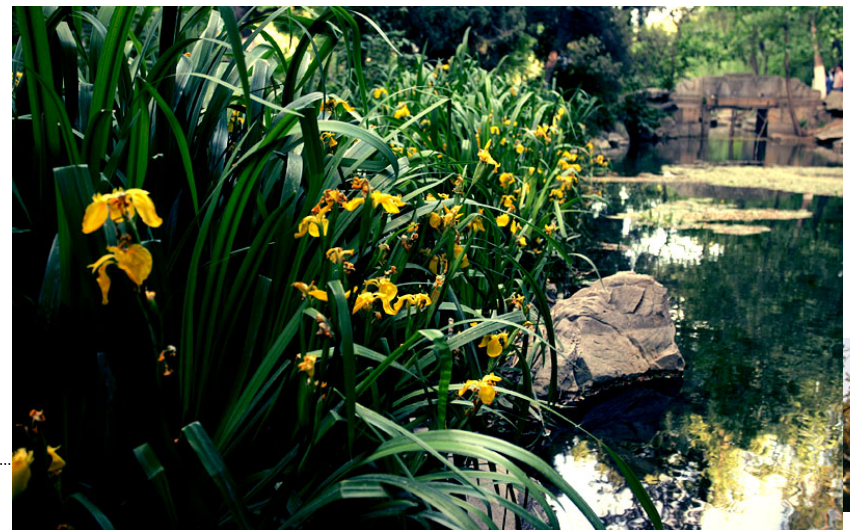
- Ecosystem of the campus
- Student organization studying and protecting the vegetation of PKU campus
- PKU is surrounded by high-tech companies and modern buildings
 - Green areas of main campus is about 70 hectares (~40%)
 - Preserve wild-vegetation and biodiversity





Enhancing sustainability education through university campus

- PKU campus is home to
 - 135 species of birds, and over 30 birds have breeding populations, including national protected species
 - 11 mammals
 - 385 higher plants
 - Over 20 fishes in the lake



As the good indicator species of ecology and environment, birds could judge the positive and negative changes of natural ecology in an area.



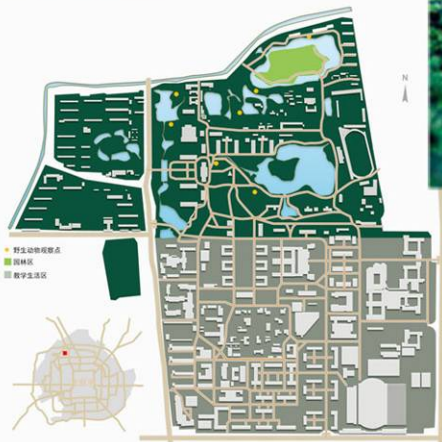
Mandarin duck



weasel



mallard



林内保存着较大面的原始季雨林、山雨林、山地常绿林和山顶矮林。代表了海南季雨林基本的森林类型林地类型。海南油杉、翠柏、南亚松等是特有的树种。林区内保存着较大面积的原始林区内保存着较大面积的原始季雨林





用影像保護自然

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owl

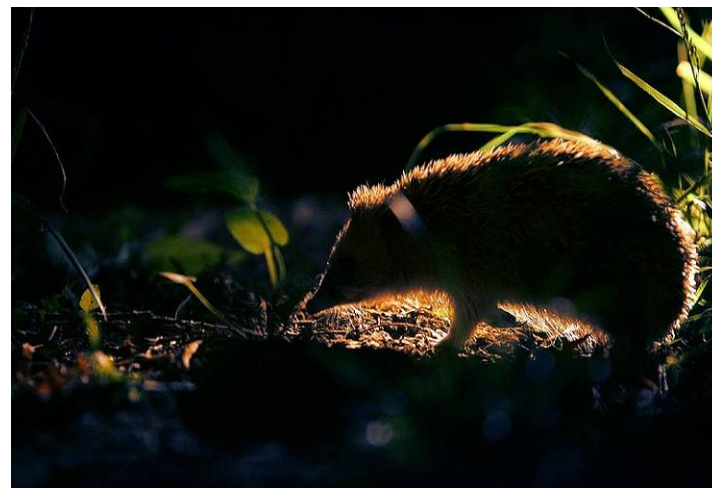
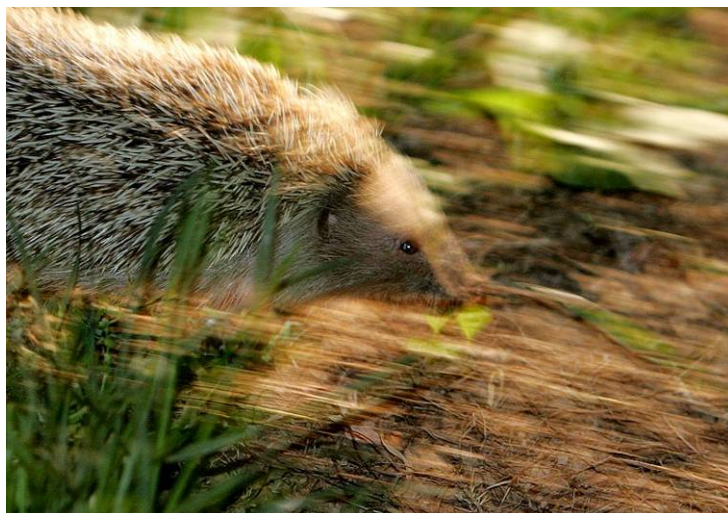
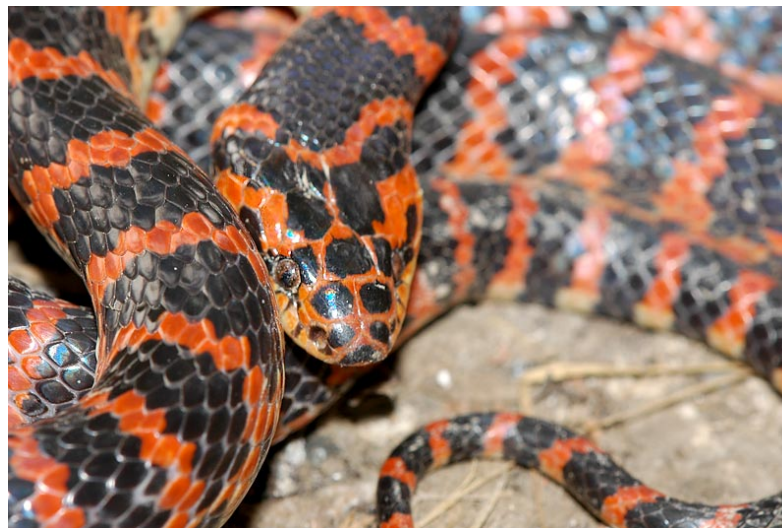


sparrow



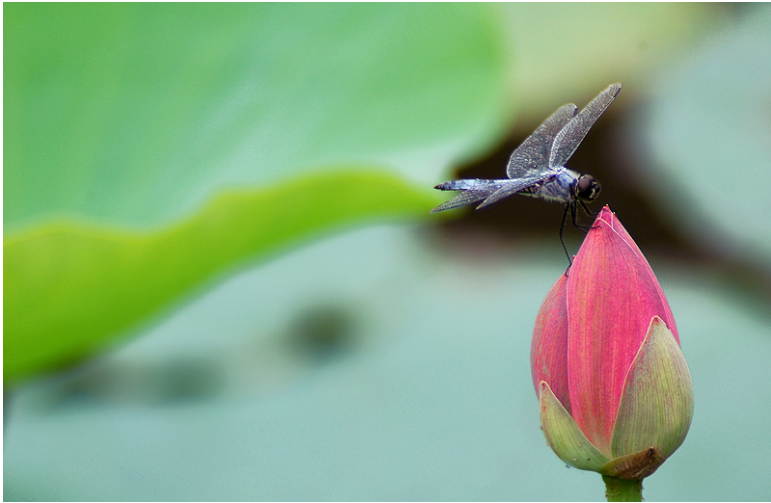


chipmunk



hedgehog





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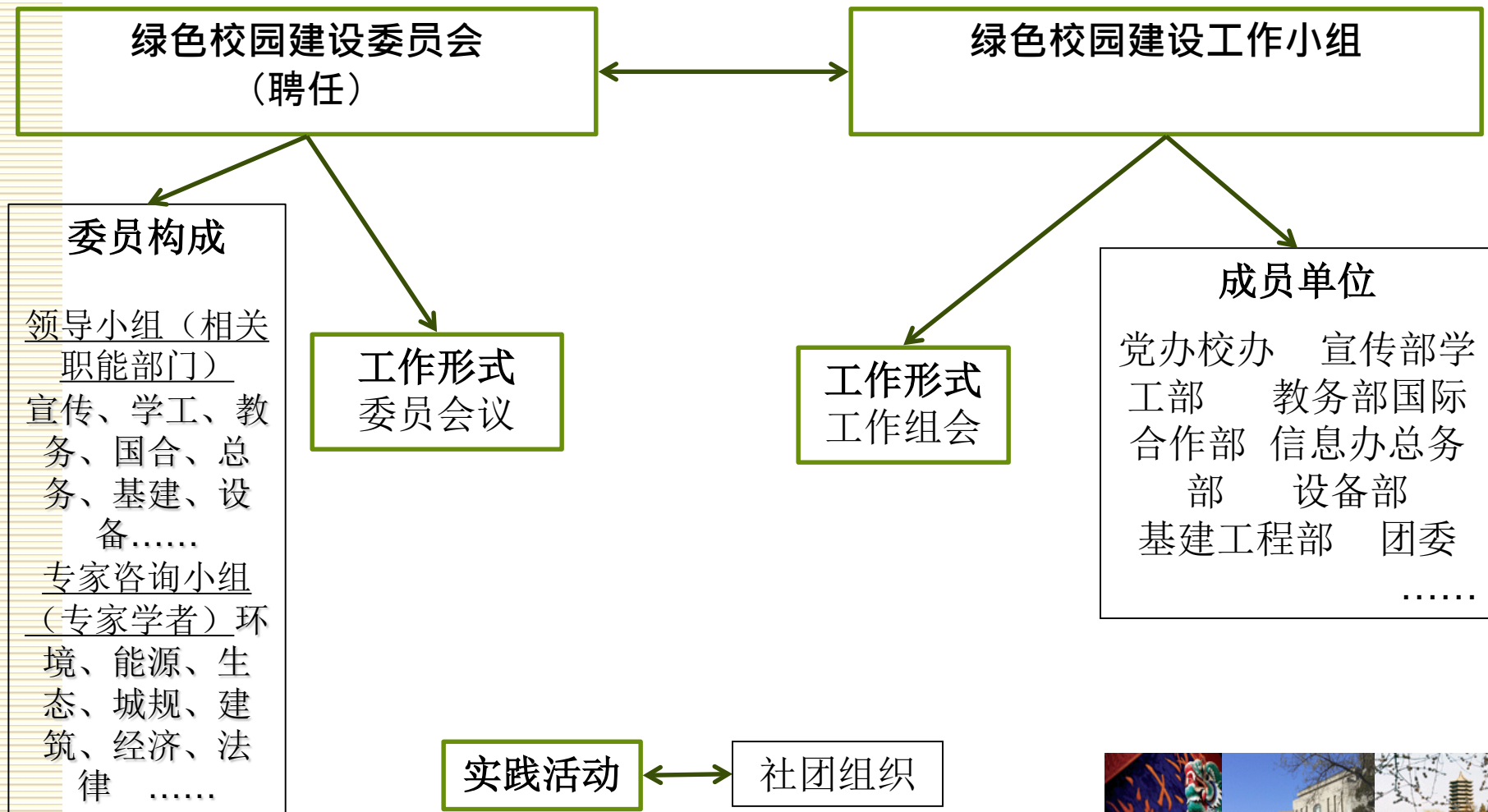
Aims of Green Campus Construction in PKU

- Using Limited Land scientifically
- Continuity of Historical Context, Conservation of Cultural Heritage
- Low-carbon Campus
energy saving, water saving, reclaimed water,
environmental protection, biological diversity, etc.





Organization of Green Campus Construction in PKU





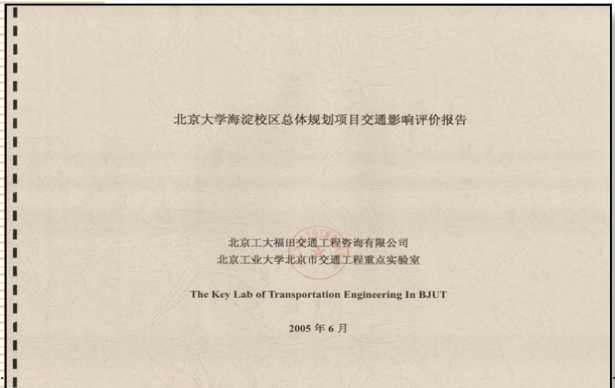
Campus Planning



- 2001, Master Plan of PKU



- 2005, Cultural Relics Conservation Plan of PKU



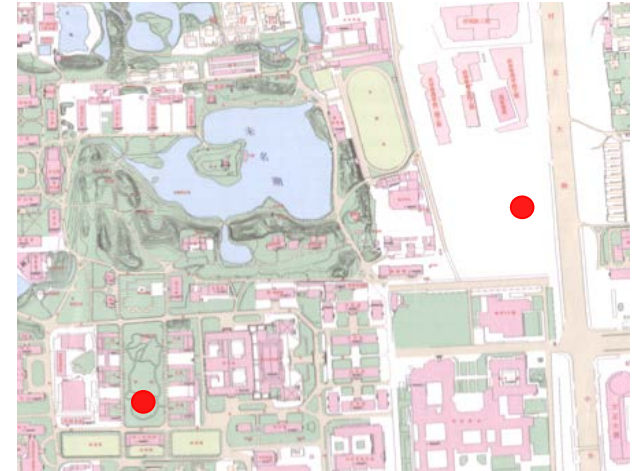
- 2005, Site Impact Traffic Evaluation on Master Plan of PKU





Develop Green Energy of New Type

- Extracting a geothermal well in Jing Yuan Park in 2001
- Used for the students' bathhouse, domestic and bath water in the international students' apartments





Green Architecture



- Building for College of Urban and Environmental Science



- Building for College of Environmental Science and Engineering





Strengthening the construction of campus culture relating to environmental protection



- 1991, Society of Environment and Development, the earliest in China's universities.

- at least 6 Clubs working on environment
- more than 120 activities per year

Improving the sustainable campus development indeed.





Student Initiatives



since last year, under the support and guidance of the department of the school, three students developed a campus bicycle sharing project, **ofo**. Thousands of old bikes were converted into rows of new yellow bike.





**Peking University is looking forward to cooperating
with our international partners in Sustainable
Campus Management for the benefit of all .**

Thanks!

