Introduction of School of the Environment, Nanjing University

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Introduction of NJU

- Nanjing University (NJU), one of China’s key comprehensive universities under the direct supervision of the Ministry of Education, dates from 1902 when it was known as Sanjiang Normal School.

- First group of universities in 985, 211 project

- NJU provides multi-disciplinary programs
  - Humanities: literature, philosophy, history
  - Social sciences: Social, law, journalism and communication
  - Natural sciences: physics, chemistry, geology, geography, biology, atmospheric sci., environmental sci., astronomy and space,
  - Life sciences: medicine, biochemistry
  - Modern engineering and technology: electronic sci. and eng., computer
  - Management: business and economics, policy management
Introduction of NJU

NJU now consists of three beautiful campuses, Gulou, Pukou, and Xianlin.
**Introduction of SOE**

- **School of the Environment** of NJU is one of the best schools in China in Environmental Science and Engineering.
- Move in Xianlin Campus in 2010 summer.
People

- **Total people:** 114
- **Faculty:** 89
  - 1 academician of Chinese Academy of Engineering
  - 2 National 1000 Experts Plan candidates
  - 2 Yangtze Fund Scholar
  - 1 National Famous Teacher
  - 6 New Century Excellent Talents in University (NCET)
- **Staff:** 24
- **Postdoctoral fellows:** about 10
Disciplines

- Environmental Science
  - Environmental chemistry
  - Environmental biology
  - Environmental management and planning

- Environmental engineering
  - Wastewater treatment
  - Solidewaste treatment

National Key Discipline

Provincial Key Discipline
Education

- **Offering degree**
  - continuous education program
  - bachelor
  - master
  - Ph.D degrees
  - postdoctoral training

- **Graduate students**: over 450
- **Undergraduate students**: over 400
National Research Platforms

- State Key Laboratory of Pollution Control and Resources Reuse (SKL)
- National Engineering Research Center for Organic Pollution Control and Reuse (NERC)
- State Experimental Teaching Demonstration Center for Environmental Science and Engineering
<table>
<thead>
<tr>
<th>Research Group</th>
<th>PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Surface Science and Pollution Control</td>
<td>ZHU Dongqian</td>
</tr>
<tr>
<td>Soil Environment Process and Biological Effects</td>
<td>GU Cheng</td>
</tr>
<tr>
<td>Environmental Analytical Chemistry</td>
<td>SUN Chen</td>
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<tr>
<td>QSAR and Risk Assessment of Chemicals</td>
<td>GAO Shixiang</td>
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<tr>
<td>Ecotoxicology and Environmental Health</td>
<td>ZHANG Xiaowei</td>
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<td>Limnology Ecology and Environmental Microbiology</td>
<td>YANG Liuyan</td>
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<tr>
<td>Environmental Health Biotechnology</td>
<td>CHEN Shupei</td>
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<tr>
<td>Environmental Processes of Pollutants and Global Change</td>
<td>JI Rong</td>
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<tr>
<td>Environmentology and Scientific Weltanschauung</td>
<td>ZUO Yuhui</td>
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<tr>
<td>Environmental System Analysis and Risk Management</td>
<td>BI Jun</td>
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<td>Complex Environmental Processes and Regulation</td>
<td>QIAN Xin</td>
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<tr>
<td>Environmental Effects of Urbanization</td>
<td>ZHU Xiaodong</td>
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<tr>
<td>Organic Toxic Pollution Control and Resource Reuse</td>
<td>LI Aiming</td>
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<tr>
<td>Environmental Engineering Materials and Pollution Control</td>
<td>PAN Bingcai</td>
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<tr>
<td>Wastewater Treatment Biotechnology and Aquatic Environment Remediation</td>
<td>REN Hongqian</td>
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<tr>
<td>Waste Solids Management and Eco-materials</td>
<td>ZAI Jianpin</td>
</tr>
<tr>
<td>Wasteair Pollution Control and Circular Economy</td>
<td>CHEN Zhezhi</td>
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Research

SCI publication

Research funding (million RMB)

Authorized patents
Organic pollutants control
Development of Environmental policy
Awards

- 4 national level prize for excellent research
- 11 Provincial and ministerial level
Corporation activities

- Faculty visiting
- Students visiting
- Joint Research
- Joint Course
- International Workshop
- Summer School
## Corporations with US

<table>
<thead>
<tr>
<th>No</th>
<th>Corporation Institutes</th>
<th>Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>University of Florida, Rice University, John-Hopkins University, Michigan State U., University of Georgia</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>2</td>
<td>Stanford University, Harvard University, Rutgers University, Emory University, UC Davis</td>
<td>Environmental Management</td>
</tr>
</tbody>
</table>
Corporation activities

- 2010: Sino-Finnish Environmental Research Center (SFERC)
- 2012: Sino-US Environmental Research Center (SUERC)
Future corporation with Occidental College

- **What we can do for faculties from Occidental College:**
  - Provide office and accommodation on campus
  - Help to contact faculties with same interested field
  - Apply joint project
  - Open joint course

- **What we can do for students from Occidental College:**
  - Accommodation on campus
  - Host students in research lab
  - Arrange field trip and visiting
  - Summer school
WELCOME TO VISIT NJU!
THANKS!