

Introduction to the Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences (<http://www.rcees.ac.cn>)

Overview

Research Center for Eco-Environmental Sciences (RCEES), Chinese Academy of Sciences (CAS), formerly Institute of Environmental Chemistry, Chinese Academy of Sciences, was founded in 1975. In 1986, it was amalgamated with Research Center of Ecology, CAS, and was renamed as Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences. Since 1996, RCEES was under the jurisdiction of both Chinese Academy of Sciences and State Environmental Protection Administration.

RCEES is an institute engaging in both fundamental and applied researches of environmental chemistry, environmental engineering, and systems ecology. Aiming to realize the interpenetration of environmental chemistry, environmental engineering, ecology, geoscience and other disciplines, by taking the advantage of the multidisciplinary research to solve the major environmental and ecological problems at the local, regional, national as well as global levels.

Ever since its founding, RCEES has conducted a large number of research projects granted by the central government, CAS, and local governments as well as many international collaborative projects, obtaining both nationally and internationally recognized achievements. RCEES has also acted as a training center in environmental sciences and ecology in China. RCEES has significantly contributed to the establishment and development of eco-environmental sciences and technology, especially the environmental chemistry and systems ecology in China, and to environmental pollution control and eco-environmental protection and sustainable development in China and become a nationally leading and internationally recognized research institute in the field of eco-environmental sciences and technology.

There are 273 staffs in RCEES, including 3 academicians, 40 research professors. There are 7 research laboratories and one center for information and publication, in which there are two state key laboratories (State Key Laboratory of Environmental Chemistry and Ecotoxicology, State Key Laboratory of Environmental Aquatic Quality) and one CAS key laboratory (Key Laboratory of Systems Ecology). Research Center for National Status, CAS is also at RCEES.

RCEES offers three-year M. Sc. programs in Environmental Sciences, Ecology, Environmental Engineering, Organic Chemistry and Analytical Chemistry; three-year Ph.D programs in Environmental Sciences, Environmental Engineering, and Ecology, as well as two-year postdoctoral programs in Environmental Sciences. Currently there are 298 doctoral students, 124 master students and 13 postdoctoral fellows. RCEES has established academic exchanges and cooperation with international scientists in many countries, and has organized important international conferences or symposia in the field of environmental sciences and ecology in China. There are many visiting scientists, scholars or students are bilaterally exchanged every year.

Main research fields

- Aquatic environmental quality
- Environmental chemistry and ecotoxicology
- Systems ecology and ecological engineering
- Atmospheric chemistry and atmospheric pollution control
- Water pollution control technology
- Soil environmental science
- Environmental biotechnology
- Membrane technology
- Environmental impact assessment

Message from the Institute Leaders (Prof. QU Jiu-hui ([jqh@rcees.ac.cn](mailto:jhq@rcees.ac.cn)); Mr. HU Ren-qiao(hurq@rcees.ac.cn); Prof. JIANG Gui-bin(gbjiang@rcees.ac.cn); Prof. OUYANG Zhi-yun(zyouyang@rcees.ac.cn))

We have the pleasure to express our sincere welcome to scientific institutions, universities, enterprises all over the world to participate in rewarding collaborations with RCEES. We also sincerely hope outstanding and talented scientists from China and abroad to work in RCEES.