## 3. Main Achievements and Rewards

#### (1) Main achievements

Government Performance Assessment System on Heavy Metal Pollution Prevention

 $Forecasting\ Model\ System\ for\ Children\ Blood\ Lead\ Level$ 

Atmospheric Dispersion Model System

Liangzihu Conservation Regulations (experts' Proposal)

Lake Protection Regulation in Hubei Province (Experts' Proposal)

2009 Research Report and Policy Recommendations on Water Resources Protection in Hubei Province

2010 Research Report and Policy Recommendations on Mechanism of Water Resource Protection System in Hubei Province

2013 Research Report and Policy Recommendations on Groundwater Protection System in Hubei Province

2014 Research Report on the Mechanism of Eco-lake Protection System *Hubei Water Resources Sustainable Development Report*, 2010, 2012, 2013, 2014, Peking University Press.

### (2) Achievements transformation

Series of major projects' findings have been transformed into legislative, executive, judicial practice

"Bill on the Establishment of 'Environmental Damage Compensation Act" was officially listed as National People's Congress legislative bills

Partial contents of "The amendment Bill of 'Criminal Law' on the Improvement of Environmental Criminal System" had been written into the newly revised "Criminal Law Amendment (8)"

"Proposal for the Establishment of Environmental Protection Tribunals" was adopted by the Supreme Court

"Recommendations on Strengthening Environmental Judicial Protection" was adopted by Supreme People's Court and the Ministry of Environmental Protection

"Proposal for Establishing Environmental Standards System Center in Health Protection" was adopted by THE Ministry of Environmental Protection and the Ministry of Health

"Recommendations on Further Strengthening Judicial Protection of Environmental Resources" was adopted by the Supreme Court

From 2010 to 2014, the research achievements of the Center have provided professional support for the proposal of the CPPCC National Committee of the Central Committee of the Chinese Peasants and Workers Democratic Party.

More than 10 outstanding research achievements have won the provincial leaders positive instructions

#### (3) Awards

Obtaining Governing Award for Hubei Provincial Environmental Protection in 2013



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Hubei Center of Cooperative Innovation for Ecological Civilization

# 1. Introduction

# 2. Main Research Work



Professor Lv Zhongmei, the director of Hubei Center of Cooperative Innovation for **Ecological Civilization** 

Hubei Center of Cooperative Innovation for Ecological Civilization of Hubei University of Economics (referred as HBUE below) is implementing the spirit of the "University Innovation Capability Promotion Plan (UICPP)" approved jointly by the Ministry of Education and the Ministry of Finance. The center is initiated in May, 2015, led by the Law School of Hubei University of Economics with other related government departments, research institutions and enterprises, such as the Environmental Protection Department of Hubei Province,, College of Resources and Environment of Hubei University, Optical Valley Carbon Emissions Trading Center of United Assets and Equity Exchange, etc..

With the new innovative and collaborative thinking and mode of coordinating the government policy, scientific research, production, learning and employing of the latest technology, the center is committed to achieving more in a way of collaborative innovation research, aiming at gathering world's leading academic teams, exploring the mode and mechanism of collaborative innovation, providing important achievements in collaboration and innovation, as well as decision-making and consultancy support for the ecological civilization of Hubei Province and other places in China.

Based on the goal of "serving Hubei ecological civilization construction" and the idea of "government policy, scientific research, production, learning and employing of the latest technology", the Center combines with its own characteristics and foundations and devotes to the establishment of Hubei Ecological Civilization Information Service Platform and the construction of Hubei Strategy & Policy Research Center of Ecological Civilization, Hubei Ecological Environment Law Service Center, Hubei Ecological Environment Assessment Centre and Hubei Social Practice Base of Environmental Protection and therefore plays the local think-tank role in Hubei ecological civilization-building strategy and policy. It participates in the discussion of the state affairs on policies, laws and regulations and legislation for the construction of Eco-Hubei Province and even Eco-China. It also takes the responsibility of environmental protection and advocate teachers and students to practice the philosophy of environmental protection and promote green production, green consumption and low-carbon life.

With 3-5 years of efforts, the center aims at becoming a crossdisciplinary and inter-departmental innovative and collaborative institution, thus playing an important role in formulating and implementing strategic policies of ecological civilization in Hubei and even in the whole country.

(1)Providing an innovative and collaborative institution for government policy, scientific research, production, learning and employing of the latest technology

Information Platform: Ecological Civilization Information Service Center Cooperation Platform: Mayor of the Central African Republic Training Program on Technical of Ecological Environment

(2) Establishing interdisciplinary collaborative innovation team, members of which are from government departments, research institutes and related enterprises

#### **Government Departments**

Environmental Protection Department of Hubei Province Lakes Bureau of Hubei Water Resource Department **Ecological Protection Department of Hubei Province** 

#### Scientific Research Units

Wuhan Tianrui Zhiyuan Energy Management Co.Ltd College of Resources and Environment of Hubei University Research Center of Hubei Water Affair Environmental Justice Practical Training **Ecological Environmental Technical Training** 

#### Related Enterprises

Wuhan Tianrui Zhiyuan Energy Management Co.Ltd Optical Valley Carbon Emissions Trading Center of United Assets and Equity Exchange

Maoyuan Ecological Agriculture Co. Ltd (in Yidu City of Hubei Province) Wuhan E-WIDE Information Technology Co.Ltd

(3) Undertaking major comprehensive research projects

"Research on Relief Mechanism for Environmental Infringement in Environment-friendly Society"

(Major National Social Science Fund Project)

"Research on Legal Regulation of Human Health Hazards of Environmental Lead & Cadmium"

(Environmental Public Welfare Special Project of National Key Scientific and Technological Project)

"Making Efforts to Conduct Hubei Water Studies and Researches" (Key Projects of People's Government of Hubei Province on Procurement of Intellectual Achievements)

"Risk Control of Heavy Metal Pollution on Human Health in the United States"

(US Natural Resources Defense Council project)

Hubei Major Research Topic Fund Project

Research on Hubei Water Resource Protection

Research on the Mechanism of Hubei Water Resource Protection System

Research on Integrated Control of Hubei Aquaculture Pollution

Research on Safe Drinking Water in Rural Area of Hubei Province

Research on Hubei Groundwater Protection

Research on the Mechanism of Eco-lake Protection System

Legislative Argumentation on "Yangtze Law"

(Authorized Project of Yangtze River Water Resources Commission of Ministry of Water Resource)

"Sustainable City" Eco-Environment Technology Construction Training Program of Africa (The Ministry of Science and Technology Project)

Watershed Governance between

(4)Introducing interdisciplinary research methods



(5)Organizing training program on ecological civilization construction

### Environmental judicial practical training



Held High-class Seminar on the national Environmental Judicial Practice in Wuhan



Held High-class Seminar on the national Environmental Judicial Practice in Beijing

#### Eco-environmental technology training



Chenje, the Director Of Africa at UNEP, came to visit



**Hubei Environmental Protection** Propaganda

### (6)International Communication and Cooperation



The International Symposium on China and Japan



Academic leaders participated in Guiyang International Forum On Ecological Civilization in 2014 annual meeting