



# 2022

China Council for International Cooperation on  
Environment and Development

**ANNUAL REPORT**

# **2022 Annual Report**

Established with the approval of the Chinese government in 1992, the China Council for International Cooperation on Environment and Development (CCICED) is a high-level international policy advisory body. Along with rapid economic and social progress, the CCICED has witnessed and taken part in China's historic shifts in its development philosophy and model. It has played a unique and significant role in the course of China's sustainable development.

The CCICED spans a term of five years for each phase. The CCICED Chairperson is taken by one of the leaders of China's State Council who is responsible for environment issues. The Ministry of Ecology and Environment (MEE) of China serves as the executing agency of the CCICED. CCICED Phase I (1992-1996) focused primarily on the exchange and introduction of international experience and successful policies, and raised environmental awareness for decision makers. Phase II (1997-2001) attached importance to environmental pollution in China and the study of the relationship between the environment and economic development. The second phase also facilitated the development of laws and regulations on environmental protection. Phase III (2002-2006) was committed to incorporating environmental protection into comprehensive decision making for the development of China and explored pathways to identify a reciprocal relationship between the environment and economic development. Phase IV (2007-2011) promoted the establishment of a new type of relationship between economic development and environmental protection in China, and explored new pathways in which environmental protection bolsters economic development. Centering on sustainable development and ecological civilization in China, Phase V (2012-2016) shifted its policy research focus to environmental and social development issues. Aiming to serve the development of China's ecological civilization and global sustainable development, Phase VI (2017-2021) advocated the building of a "beautiful China" and a green and prosperous world. Themed by "Green, Inclusiveness and High-Quality Development", the CCICED Phase VII (2022-2026) is committed to building itself an innovative international cooperation platform for environment and development that is globally inclusive, open and cooperative, and mutually beneficial, thus to make greater contributions to the realization of a beautiful China and a green and prosperous world.

Over the past three decades, with support and guidance from the Chinese government and the cooperation of foreign governments and international organizations, the CCICED provided policy recommendations to the Chinese government on key environmental and developmental issues by inviting high-level experts and scholars both at home and abroad to conduct in-depth research. The unique contributions made to the sustainable development of China by CCICED has been fully valued and well received by all Chinese and international partners. It has opened the door to advanced international experience on sustainable development and built a bridge between China and the international community for exchanges and mutual learning on environment and development. The CCICED provides an enabling platform for the international community to understand China and to support China's engagement with the world.

# 2022 Annual Report

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## Overview

In 2022, as unprecedented global changes and the once-in-a-century pandemic intertwined, the world enters a new period of turbulence and transformation. In an international context of mounting instability, risk and shocks, countries around the world are faced with the challenge of reconciling short-term security and stability with long-term green and low-carbon development.

The second part of the 15<sup>th</sup> Conference of the Parties to the Convention on Biological Diversity (COP15) adopted the "Kunming-Montreal Global Biodiversity Framework", which draws a new blueprint for global biodiversity governance until 2030 and beyond. The 27<sup>th</sup> Conference of the Parties to the United Nations Framework Convention on Climate Change (COP27) reached a historic agreement on establishing a "loss and damage" fund provided to the most vulnerable countries affected by climate change, adding more impetus to raising climate ambition and implementing climate action.

In the report of the 20<sup>th</sup> National Congress of the Communist Party of China, President Xi Jinping comprehensively and systematically summarized the major achievements and changes in the construction of ecological civilization in the new era, profoundly elaborated that the harmonious coexistence between man and nature is an important feature of the modernization with Chinese characteristics, and made major strategic plans to promote green development and the harmonious coexistence between human and nature. China has been moving toward the multiple objectives of carbon reduction, pollution reduction, ecological restoration, nature conservation, and growth under the general principle of "prioritizing stability while pursuing progress." At the same time, it contributes Chinese wisdom, Chinese solutions and Chinese power to global sustainable development.

In 2022, the China Council for International Cooperation on Environment and Development (hereinafter referred to as CCICED) enters its 30<sup>th</sup> anniversary of establishment and successfully initiated CCICED Phase VII (2022-2026). With a view to building an innovative platform for international cooperation on the environment and development that embraces global inclusiveness, openness, cooperation, mutual benefits and development, the CCICED closely followed hotspot issues both at home and abroad, provided advice and recommendations on major issues such as post-COVID 19 green recovery, integrated and orderly implementation of the carbon peaking and carbon neutrality goals, biodiversity conservation, marine environmental management and green BRI, and achieved positive progress in areas such as conducting policy research, promoting exchanges and mutual learning, strengthening operation and management and expanding partnerships. This approach was in line with the 2022 Work Plan as approved by the Executive Members under the annual theme of "Building an Inclusive, Green and Low-Carbon Economy."

As always, the work of the CCICED has been highly valued and supported by the Chinese government. The annual policy recommendation "Maintaining the Strategic Determination and Stabilizing Expectations towards a Low-Carbon Green Transition: Opening a New Green Chapter for High-Quality Development" was submitted to the State Council for reference in its decision making. The policy research outcomes of the CCICED were highly commended by many stakeholders.

The participation of Chinese and international council members, special advisors and experts played an active and crucial role in the



continuous advancement of the CCICED's work. More than 30 council members and special advisors participated in the discussion and revision of the "Annual Policy Recommendations." In addition, nearly 40 council members and special advisors participated in the CCICED's policy research in various forms, carrying out forward-looking research on hotspot issues as a contribution of wisdom, which has significantly improved the quality of the CCICED's policy research.

The MEE has further strengthened its leadership of the CCICED Secretariat and enhanced human resource and financial support to the Secretariat in an all-around manner. Chinese government agencies such as the Central Financial and Economic Affairs Commission General Office, the Ministry of Foreign Affairs, the National Development and Reform Commission, the Ministry of Industry and Information Technology, the Ministry of Finance, the Ministry of Natural Resources, the Ministry of Transport, the Ministry of Agriculture and Rural Affairs and the Ministry of Commerce all continue to attach significant importance to the work of the CCICED, offering proactive support in numerous ways.

The CCICED's Phase VII has continued to receive broad attention and active support from the international community. Countries including Canada, Norway, Germany, Sweden and the Netherlands, as well as organizations including the Energy Foundation, the Sequoia Climate Foundation, the Rockefeller Brothers Fund, the Children's Investment Fund Foundation, the Nature Conservancy, the Natural Resources Defense Council and the Environmental Defense Fund have provided solid financial support for the CCICED. Other supportive international and regional organizations include the United Nations Environment Programme, the United Nations Development Programme, the United Nations Industrial Development Organization, the Asian Development Bank, the International Institute for Sustainable Development, the World Resources Institute, the World Wildlife Fund, the World Economic Forum and ClientEarth. All these supportive organizations have contributed to the CCICED's work in various forms, such as by participating in research activities, organizing joint events, providing capacity-building activities and offering financial and intellectual support. In addition, many think tanks, universities and research institutes have provided support for the CCICED through expert consultation, supporting capacity-building activities and disseminating and sharing outputs at home and abroad. All these endeavours are important building blocks for the long-term development of the CCICED.



## CCICED 2022 Annual General Meeting & CCICED 30<sup>th</sup> Anniversary Celebration



On June 16, Mr. Han Zheng, then member of the Standing Committee of the Communist Party of China (CPC) Central Committee Political Bureau, then Vice Premier of the State Council and the CCICED Chairperson, attended and addressed the CCICED 2022 Annual General Meeting & CCICED 30<sup>th</sup> Anniversary Celebration.

“Since the 18<sup>th</sup> National Congress of the Communist Party of China, under the guidance of Xi Jinping’s thought on ecological civilization, China has steadfastly followed the path that prioritizes ecological conservation and green, low-carbon development, actively promoted economic restructuring, facilitated green and low-carbon transition of energy, significantly improved energy efficiency, promoted pollution prevention and control with unprecedented determination and strength, and continuously improved ecological and environmental quality.”

— HAN Zheng



On June 16, Mr. Han Zheng, then member of the Standing Committee of the Communist Party of China (CPC) Central Committee Political Bureau, then Vice Premier of the State Council and the CCICED Chairperson, attended the CCICED 2022 Annual General Meeting & CCICED 30<sup>th</sup> Anniversary Celebration, and listened to reports on policy recommendations.

“Hope that Members and experts will further strengthen exchanges and deepen cooperation on the platform of the CCICED, and contribute more wisdom and play a greater role in promoting China’s sustainable development and improving the global environmental governance system.”

—HAN Zheng

## Annual General Meeting Overview



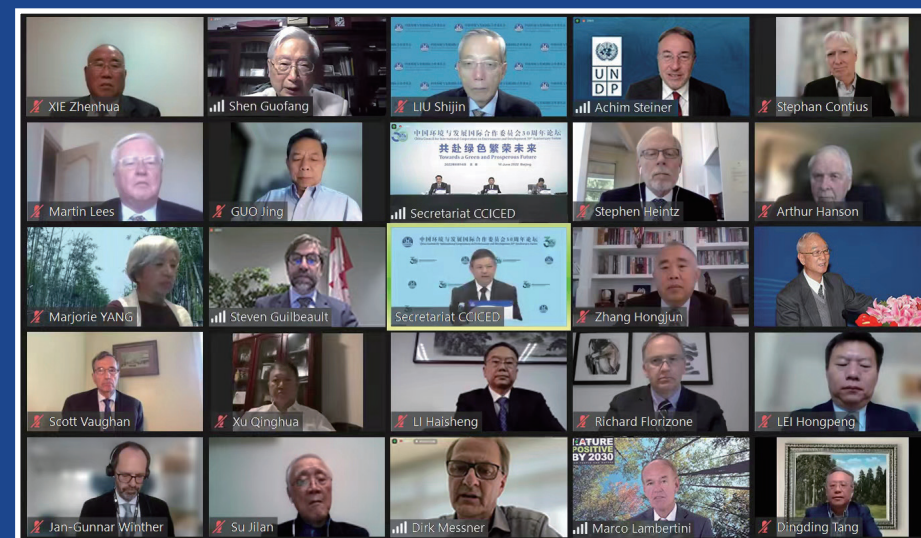
CCICED 2022 Annual General Meeting & CCICED 30<sup>th</sup> Anniversary Celebration was held in Beijing from June 13-16, 2022 in a hybrid format. The theme of the AGM was "Building an Inclusive, Green and Low Carbon Economy". Then Vice Premier Han Zheng delivered a keynote speech at the closing session and was briefed on the policy recommendations. Based on the policy research results of the CCICED, the meeting discussed and formulated the policy recommendations for the Chinese government. The meeting released the CCICED at 30 Report and promotional video, which reviewed the important history of CCICED and China's ecological protection from an international perspective, and shared with the international community the concept and progress of China's ecological civilization construction.

The meeting was addressed by CCICED Executive Vice Chairpersons, Mr. HUANG Runqiu, Minister of Ecology and Environment of China, and Mr. Steven Guilbeault, Minister of Environment and Climate Change Canada; CCICED Vice Chairpersons, Mr. XIE Zhenhua, China's Special Envoy for Climate Change, Mr. ZHOU Shengxian, former Minister of the Ministry of Environmental Protection of China, Mr. Achim Steiner, UNDP Administrator, Ms. Inger Andersen, Executive Director of UNEP, Ms. Kristin Halvorsen, Director, CICERO Center for International Climate Research; CCICED Secretary-General, Mr. ZHAO Yingmin, Vice Minister of Ecology and Environment of China; and CCICED Chief Advisors, Mr. LIU Shijin, Former vice president of the Development Research Center of the State Council, and Mr. Scott Vaughan, former President and CEO, International Institute for Sustainable Development.

More than 2500 representatives from 23 countries, 38 international organizations, as well as relevant departments of the Chinese government, universities, research institutions, businesses and social organizations attended the activities of the AGM. The live broadcasts received one million views online.



# Annual General Meeting Overview



## CCICED 30<sup>th</sup> Anniversary Forum

During the AGM, CCICED 30<sup>th</sup> Anniversary Forum with the theme of "Towards a Green and Prosperous Future" was held in a hybrid format. Mr. Huang Runqiu, Chinese Executive Vice Chairperson of CCICED and Minister of Ecology and Environment, attended the forum and delivered a speech; Mr. Steven Guilbeault, International Executive Vice Chairperson of CCICED and Minister of Environment and Climate Change Canada, attended the forum online and delivered a speech. The founders and key promoters of the CCICED, representatives from the previous Phases, Members and Special Advisors of the CCICED Phase VII, and representatives of research experts attended the forum and made speeches on the world sustainable development process, China's environment and development challenges and opportunities, and the 30-year history of the CCICED.

The CCICED at 30 Report and the promotional video were released during the meeting, taking CCICED's policy recommendations as the context, reviewing the progress of historical, transitional and overall changes in China's ecological protection, fully demonstrating China's historic achievements in firmly establishing the concept of ecological civilization, improving institutional mechanisms, and collaboratively promoting poverty alleviation, pollution reduction, carbon reduction, expanding green development, and pursuing economic growth, as well as showing the unique and important role played by the CCICED as a high-level policy advisory body.

## Major Achievements

**(1) Demonstrating China's determination to promote green development and contribute to international environmental governance.** In his speech, Vice Premier Han Zheng introduced China's strategic plan for promoting high-quality development during the 14<sup>th</sup> Five-Year Plan period, and gave a full response to the international community on low-carbon development, energy security, biodiversity conservation, and improving the governance system.

**(2) The CCICED Phase VII has been launched and continues to promote the practice of open, inclusive and multilateral international cooperation.** Over the past 30 years since its establishment, the CCICED has always maintained its international composition and operation, fully demonstrating China's spirit of openness, inclusiveness and actions on practicing multilateral cooperation. As in the past, the CCICED Phase VII has received financial and intellectual support from its long-term donors such as Canada, Norway, Germany, the Netherlands and Sweden.

**(3) The direct channel for CCICED policy recommendations to Chinese leadership played a prominent role, providing recommendations and suggestions for China's high-quality development.** CCICED Members and Special Advisors actively participated in various activities of the AGM, and discussed and formulated policy recommendations to the Chinese government based on the research results. The theme of the policy recommendations is "Maintaining the Strategic Determination and Stabilizing Expectations towards a Low-Carbon Green Transition: Opening a New Green Chapter for High-Quality Development", suggesting that China firmly maintain the strategic determination of ecological civilization, stabilize expectations for green and low-carbon transformation, scientifically and orderly coordinate the short-, medium- and long-term green development blueprint, and move from short-term security of economic growth and energy and food supply to long-term innovative and low-carbon growth, thus to opening a new and green chapter for high quality development.

**(4) To build consensus around the hot topics of environment and development and provide Chinese wisdom and solutions for global environmental governance.** Based on policy research results, seven open forums were held, on Synergizing Economic Growth, Energy Security and Climate Action for a Steady Growth, Green BRI, NbS, global marine governance, green supply chain, sustainable transition to digitization, comprehensive river basin governance. The open forums were attended by senior figures in the field of environment and development, actively contributing public goods to global sustainable development and a new era of prosperity and development.



## High-level Events



### ① CCICED COP15 Side Events

CCICED held a side event themed "China's Role in Biodiversity Conservation and Sustainable Development" on the margins of the High-level Segment of the second part of the fifteenth meeting of the Conference of the Parties (COP15) of the Convention on Biological Diversity (CBD), on December 16. Mr. Huang Runqiu, CCICED Executive Vice Chairperson, Minister of Ecology and Environment (MEE) of China and President of COP15; Mr. Steven Guilbeault, CCICED Executive Vice Chairperson and Minister of Environment and Climate Change Canada; Ms. Inger Andersen, Vice Chairperson of the CCICED, Under-Secretary-General of United Nations (UN) and Executive Director, UN Environment Program (UNEP); Ms. Elizabeth Maruma Mrema, CCICED Member and Executive Secretary of the Secretariat of the United Nations Convention on Biological Diversity, attended the meeting and delivered speeches. Mr. Zhao Yingmin, CCICED Secretary General and Vice Minister, MEE, China, and Mr. Stephen de Boer, Assistant Deputy Minister, International Affairs Branch (IAB), Environment and Climate Change Canada, delivered closing remarks to the meeting.

On December 14<sup>th</sup>, a seminar themed "Supporting the post-2020 Biodiversity Conservation" was hosted by CCICED in Montreal, Canada. Mr. Zhao Yingmin, Vice Minister of the Ministry of Ecology and Environment and Secretary General of CCICED, and Mr. Scott Vaughan, CCICED International Chief Advisor and former President and CEO of the International Institute for Sustainable Development presided over the meeting and delivered a speech. The events were strongly supported and widely attended by CCICED partners.

### ② Roundtable on "the Road Leading to the Success of CBD COP15: Building a Shared Future for All Life on Earth"

On September 26, the Roundtable on "the Road Leading to the Success of CBD COP15: Building a Shared Future for All Life on

Earth" was held virtually. Mr. Huang Runqiu, CCICED Chinese Executive Vice Chairperson, COP 15 President, Minister of Ecology and Environment of China chaired and addressed the meeting. Exchanges were carried on securing a successful COP15 to achieve an ambitious, practical and balanced GBF, mobilizing stakeholders to contribute to the implementation of the GBF, and reflections on Post-2020 Global Biodiversity Governance.

The roundtable was attended by Ms. Inger Andersen, CCICED Vice Chairperson, Under-Secretary-General of the United Nations and Executive Director of UNEP, Mr. Haoliang Xu, UN Assistant Secretary-General, UNDP Assistant Administrator, Ms. Elizabeth Maruma Mrema, Executive Secretary of the Convention on Biological Diversity, Mr. Rodolfo Lacy, Director for Climate Action and Environment for Latin America, Special Envoy on Climate Matters to the United Nations, OECD, Mr. Steven Guilbeault, Minister of Environment and Climate Change Canada, and other 12 ministerial-level officials from European Union, France, Gabon, New Zealand, Norway, Germany, Japan, United Kingdom, Brazil, Colombia, and Czech Republic, as well as CCICED Members and high-level representatives. They delivered speech online or via pre-recorded videos.

### ③ CCICED Workshop on Building an Balanced, Inclusive and Green Path to Global Development

On July 12, CCICED Workshop on Building an Balanced, Inclusive and Green Path to Global Development was held in New York, U.S. Mr. Huang Runqiu, CCICED Chinese Executive Vice Chairperson, Minister of Ecology and Environment of China chaired and addressed the meeting. The meeting discussed topics on promoting the implementation of 2030 SDGs through enhanced international cooperation, and important tools and mechanisms to promote green, low-carbon and inclusive development. Representatives from the National Committee on United States-China Relations, Rockefeller Brothers Fund, Energy Foundation China, Environmental Defense Fund, Bloomberg Philanthropies and Henry Luce Foundation attended the workshop and participated in discussions.

## High-level Events



### ④ CCICED Phase VII Briefing Event

CCICED Phase VII Briefing Event was held on January 19<sup>th</sup> in Beijing. Mr. Zhao Yingmin, Vice Minister of Ministry of Ecology and Environment (MEE) and Secretary General of CCICED attended the meeting and delivered a speech. Mr. Liu Shijin, Chinese Chief Advisor of the CCICED and Former vice president of the Development Research Center of the State Council, Mr. Scott Vaughan, International Chief Advisor of the CCICED and former President of the International Institute of Sustainable Development (IISD), as well as representatives from the CCICED's partners attended the meeting. Participants fully recognized the positive role played by CCICED, and said they would support and actively participate in CCICED Phase VII. They expected to strengthen policy research on the platform of CCICED and put forward high-quality policy recommendations, to promote comprehensive green and low-carbon transition of China's economic and social development, thus contributing wisdom and strength to the global sustainable development.

### ⑤ CCICED Youth Salon on Green

On September 29, the first session of the CCICED Youth Salon on Green was held in Beijing. Mr. Liu Shijin, CCICED Chinese Chief Advisor, and Mr. Li Yonghong, CCICED Assistant Secretary-General and Deputy Director-General of the Foreign Environmental Cooperation Center of the Ministry of Ecology and Environment, delivered opening speeches respectively. With the theme of "How to Reverse Global Biodiversity Loss - Perspectives on Major Issues of COP15 Part II", the Salon invited professionals in the field of biodiversity to discuss the major issues that need to be focused on to reverse the trend of global biodiversity loss. The young scholars spoke on the importance of mainstreaming biodiversity, the urgency of reaching a global biodiversity framework during the of COP15 Part II, and how young people can actively participate in biodiversity conservation.

## Policy Research

Within the framework of the four Task Forces established by the CCICED, namely Global Environmental Governance and Ecological Civilization; Green Urbanization and Environmental Improvement; Innovation, Sustainable Production and Consumption; and Green Energy, Investment and Trade, Special Policy Studies are established in different fields in close conjunction with hot topics, which has greatly enhanced the foresight and influence of CCICED policy research, and received commendation and recognition from both Chinese and international CCICED members, special advisors and partners. Focusing on the three major domains of global sustainable development, Beautiful China construction and green low-carbon economy, CCICED carried out 6 special policy studies in 2021-2022, and 4 scoping studies on hot issues at home and abroad, to put forward relevant policy recommendations.

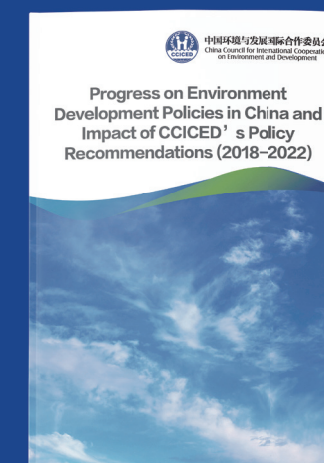
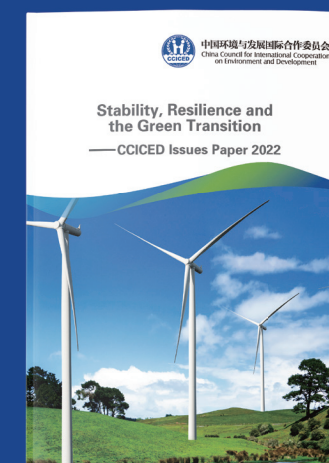
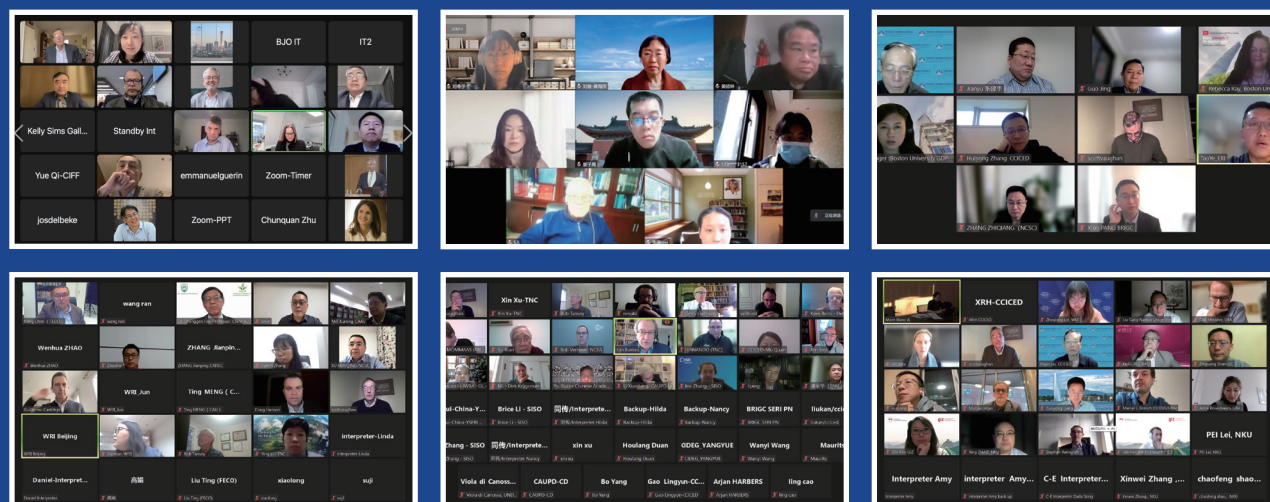
### I. Focusing on International Issues on Environment and Development, and Promoting Global Sustainable Development

**(a) SPS on Carbon Peaking and Carbon Neutrality Policy, Measures, and Implementation Pathways.** To promote China's response to climate change, advance economic and climate cooperation under bilateral and multilateral initiatives, and contribute to the global response to climate change, the study summarizes the key outcomes and impacts of the 26<sup>th</sup> Conference of the Parties (COP 26) to the United Nations Framework Convention on Climate Change, and looks toward COP 27 and its follow-up negotiations and cooperation. It analyzes the pathways and policy guarantee of a low-carbon energy transition under the new situation, explores the challenges and pathways of China's coal reduction in the near and medium terms, and organizes the dialogue between Chinese and foreign climate experts. In this way, priority areas for China's climate cooperation with major economies are identified, and recommendations are provided for the adjustment and improvement of China's pathways and policies to address climate change in the near and medium terms.

**(b) SPS on Ecosystem-Based Integrated Ocean Governance Under the Vision of Carbon Neutrality.** To enhance the sustainable management of the ocean and achieve the goal of carbon neutrality as scheduled, the study focuses on marine carbon removal, nature-based solutions (NbS), and offshore carbon capture, utilization, and storage (CCUS) technology innovation, so as to reduce the carbon footprint generated by marine activities. It also develops marine renewable energy pathways, analyzes development status, policy gaps, and priority actions, and proposes policy recommendations for marine ecosystem management and integrated marine governance to help achieve the carbon neutrality goal.



# Policy Research



**(c) SPS on the Key Pathways on a Green and Low-Carbon Belt and Road Initiative (BRI).** To boost green and low-carbon BRI construction and promote the implementation of Sustainable Development Goals (SDGs), the study is grounded on the key needs of industrial upgrading, energy technology development, and capital supply and thus proposes three key pathways to promote green and low-carbon BRI construction: promoting technological cooperation in the clean energy industry, channelling financial support, and strengthening international cooperation. Policy recommendations are put forward correspondingly to optimize the implementation effects of the three key pathways.

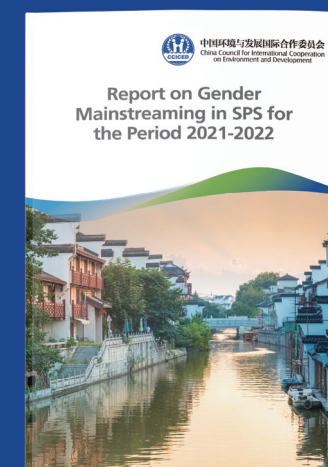
**(d) SPS on Sustainable Food Supply Chain.** To ensure food security, enhance the resilience of food systems, and achieve carbon peak and carbon neutrality goals, this study analyzes the emissions reduction potential of production mode transformation, water and soil resource protection, energy conservation, emissions reduction and pollution control, and agricultural ecosystem restoration around the four aspects of production, protection, reduction, and restoration, and designs comprehensive solutions for food supply chain transformation. Policy recommendations are provided for China's sustainable food supply chain development from five aspects, including national food system transformation strategy, agricultural support policy reform, the role of the private sector, healthy diet and consumption, and the promotion of global green value chains.

## II. Focusing on China's Major Strategies and Decisions to Build a Beautiful China

**(a) SPS on the Development of Low-Carbon and Resilient Cities and Adaptation to Climate Change.** To serve China's major regional strategy, this study examines the low-carbon resilience of important urban agglomerations in the context of climate change and its effects on the health of watersheds. Through the comparative study of the Yangtze River and the Rhine River, the vulnerability, exposure, and other potential risks to the Yangtze River basin under the impact of climate change are identified by using the United Nations Risk Exposure Index disaster risk model, and the protection and utilization of the Yangtze River basin shorelines are analyzed. The SPS has also designed a strategic framework of security resilience under climate adaptation and puts forward relevant policy recommendations from four aspects, namely ecological protection, spatial optimization, facility construction, and emergency management, so as to improve the climate resilience and adaptation capacity of the watershed.

**(b) Scoping Research on Risk Prevention of China's Green Transition Under the Carbon Neutrality Goal.** To effectively address the risks of China's green transition process under the carbon neutrality target and prevent risks in a timely way, this research focuses on the key issues in key security fields, such as carbon neutrality and energy security, carbon neutrality and green industrial supply chains, as well as major sectors including supply chain security and food security. It identifies five major risks facing China's green transition: risks without transition, the incorrect direction of transition, wrong identification and judgment of risks, improper transition measures, and inadequate mechanisms and policies. The corresponding risk prevention strategy system is put forward to provide a reference for the exploration and practice of green transition in China.

## Policy Research



### III. Focusing on the Implementation Pathways and Measures of Transformation to Boost Inclusive, Green, and Low-Carbon Economic Development

**(a) SPS on the Value Assessment of NbS.** To realize the mainstreaming of the nature agenda and promote the overall green transition of economic and social development, this study establishes an NbS case study library by establishing an NbS design and implementation framework that is consistent with China's existing environmental protection and sustainable development concepts. Based on the principles of natural capital and national economic accounting, an evaluation framework is being formed to measure the achievements and social contributions of NbS outcomes comprehensively and consistently so that some policy suggestions are proposed to advance the mainstreaming of NbS in China.

**(b) Scoping Research on Sustainable Finance Innovation.** To support carbon neutrality and nature-positive goals, the study reviews the dynamics of green finance innovation at home and abroad, and explores three potential pathways to integrate climate and nature finance, namely NbS financing, innovative financial instruments such as green classification criteria, and risk disclosure and subsidy reform, as well as pathways to support sovereign debt sustainability.

**(c) Scoping Research on Sustainable Trade and Investment.** Focusing on promoting high-quality development and low-carbon green transformation in China, the research analyzes pathways in which sustainable investment and trade models and tools can play a positive role in green industrial policy, sustainable plastics management, zero deforestation, and carbon pricing, and proposes relevant recommendations.

**(d) Scoping Research on Digitally Driven Sustainable Development.** To boost the construction of a green, low-carbon, and circular economy and society, this research focuses on three areas: the greening of digital departments, green digital transformation links, and innovative digital solutions for low-carbon development. It also analyzes the pathways and methods of digital technology to promote sustainable development and ecological civilization construction, and provides suggestions for sustainable digital transformation.

### IV. Implementing CCICED Guidelines on Gender Equality, promote gender mainstreaming

The CCICED Guidelines on Gender Equality were further implemented to promote gender mainstreaming in all aspects and whole process of research. Experts on gender equality were invited to conduct specific training, gender perspectives were incorporated into the SPS work and the *CCICED Report on the Special Policy Studies of Gender Mainstreaming* was prepared. The report summarized CCICED's gender-related research findings and shared them widely with donors and partners. CCICED also promoted gender mainstreaming in all aspects and whole process of research, including: incorporating gender perspectives in Special Policy Studies; emphasizing the role of female experts and increasing proportion of women participating in policy research. Over the year, 52 female experts participated in SPS, accounting for 27% of the total. Nine coordinators are female, accounting for 80% of the total. At the same time, all research teams were asked to set up a gender focal point, invite gender research experts to conduct consultation, prepare customized guidelines and action plans for integrating gender equality into each research work, and make suggestions and recommendations on how the research results can further promote gender mainstreaming.



# Publicity and Communication



## Ensuring cooperation and dialogue, and actively and steadily establishing CCICED Phase VII

Under the impact of COVID-19, the CCICED Secretariat maintained active communication with Members, Special Advisors and partners, reported to the community of the work progress in a timely manner through emails, letters and online and on-site meetings, listened to the opinions and suggestions of all parties on CCICED Phase VII, and successfully established CCICED Phase VII.

With the support of partners, the CCICED overcame the impacts of the COVID-19 pandemic and, through video conference platforms, organized thematic seminars around hotspot issues, including digitalization, trade, green finance, structural transformation risks, etc. Through these video conferences, the latest international experience and practices were incorporated into the CCICED's research outcomes, and the latest policy developments on environment and development in China as well as CCICED research progress were shared with partners. Additionally, regular joint working meetings were organized between chief advisors and the Secretariat, as well as with donors and partners, to share the progress of the CCICED's work and exchange views on important matters in a timely manner. These innovations received positive responses from council members, special advisors and partners.

In response to the suggestions from the members, the Secretariat organized on-site events in Montreal, Canada during the second part of the COP15 as soon as the epidemic situation has taken a turn for the better. These side events fully mobilized the resources of the CCICED, and provided support to reaching a historic and landmark GBF for the second part of the COP15. The unique role of the two-way communication platform of the CCICED has been fully utilized.

## Effectively Utilizing Multiple Publicity Channels to Enhance the CCICED's Influence

CCICED continued to cooperate with China Daily and the International Institute for Sustainable Development, utilized professional media resources, strengthened new media campaigns, and enhanced communication effectiveness. In 2022, the CCICED's official WeChat account posted a total of 161 messages with more than 73,660 page views, with 5,204 times of message forwarding/sharing. CCICED overseas social media accounts had 357 posts in total, with a total of 196,000 fans, and the total number of page reads exceeded 12.07 million times, and nearly 290,000 people participated in the interaction. Over the year, 52 issues of the English-language CCICED Newsletter were prepared and distributed in a bid to promptly share research outcomes and work updates with council members, special advisors and partners.

CCICED also published the flagship bilingual CCICED 2021 Annual Policy Report "Green Recovery with Resilience and High Quality Development", and designed and launched communication products including the CCICED's Annual Report, brochures, SPS reports, which received wide acclaim.



# Operation and Management



## Strong leadership by Chief Advisors

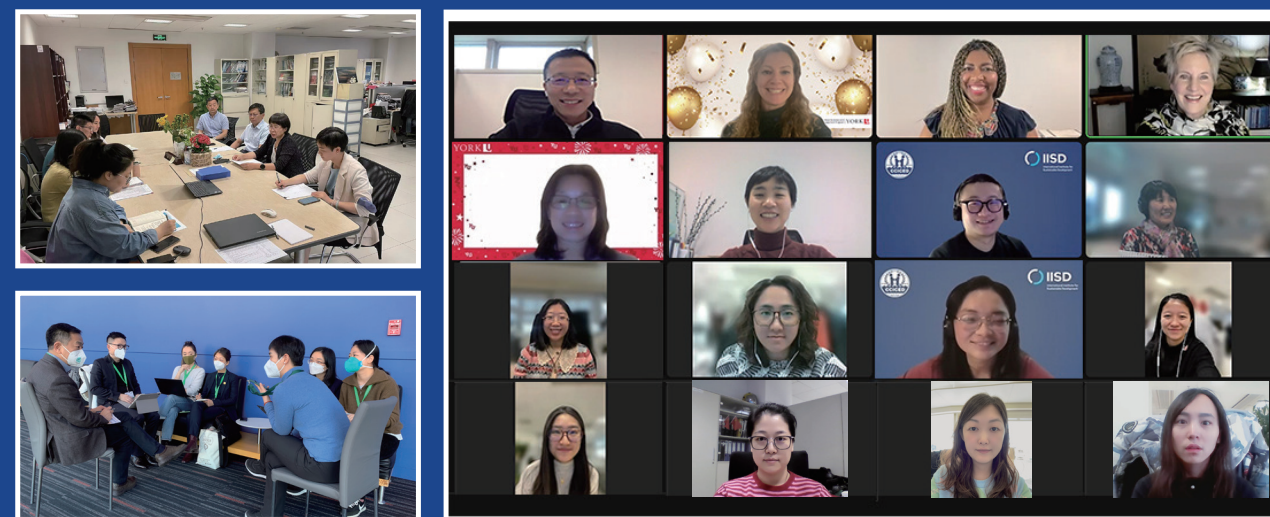
Over the past year, the CCICED chief advisors, in close collaboration with their supporting teams, provided full support to ensure high-quality policy research at the CCICED.

Their work mainly included providing consultative advice for the Secretary-General regarding SPSs and carrying out wide consultation with council members and special advisors on the CCICED 2022 policy recommendations entitled Maintaining the Strategic Determination and Stabilizing Expectations towards a Low-Carbon Green Transition: Opening a New Green Chapter for High-Quality Development, which was released as planned. Moreover, they compiled and drafted the 2022 issues paper Stability, Resilience and the Green Transition and participated in joint working meetings between chief advisors and the Secretariat to ensure effective implementation of policy research work.

## Ensuring the Secretariat's Smooth Operation

Under the strong leadership of the Executive Members, with the active participation of Chinese and international council members and special advisors and with dedicated support from Chinese and international partners, the Secretariat managed to ensure the successful completion of all planned activities and delivered the results as anticipated.

The Secretariat maintained and strengthened communication with Chinese and international Members and Special Advisors; completed the invitation of the CCICED Phase VII Members and Special Advisors in a steady and orderly manner, including 83 Members and 38 Special Advisors; organized meetings with donors and partners to share with them research progress and activities arrangements, and expanded partnership. By the end of 2022, CCICED Phase VII has received commitments from more than 10 international partners, including: Canada, Germany, Norway, the Netherlands, Sweden and other government agencies, as well as international NGOs such as the Children's Investment Fund Foundation, the Energy Foundation, the Rockefeller Brothers Foundation, the Sequoia



Climate Foundation, the Environmental Defense Fund, etc. The scale of donations has exceeded that of the CCICED Phase VI.

The Secretariat overcame the impact of the COVID-19, innovated work methods and approaches in a timely manner, continued to hold the AGM in a hybrid format, and organized major events such as the COP15 side events, thus to continuously improve the organizational performance and capacity of the CCICED. The Secretariat coordinated and managed the policy research activities, organized seminars, identified research topics for the CCICED in 2022-2023, supported the decision-making of Chinese and International Chief Advisors, laying a solid foundation for the development of research plans.

The Secretariat's internal communication mechanism was strengthened. The Chief Advisor and Secretariat Joint Working Meetings were held quarterly, and the working meeting mechanism with the Secretariat International Supporting Office was established.

The Secretariat's capacity-building was further enhanced. The Secretariat strove to improve its overall management capacity and work skills through study and training sessions. At the same time, efforts were made to satisfy the requirements of the CCICED Guidelines on Gender Equality and further promote gender mainstreaming in its operation and research.

## Giving Further Play to the Important Role of the Secretariat International Support Office

The Secretariat International Support Office (SISO) actively contributed to the CCICED's policy research by organizing several thematic seminars with international experts in key research fields. It set up an overseas website for overseas audiences to browse and access more easily. The website fully displayed the CCICED's work updates and policy research progress, thus promoting the CCICED overseas and garnering more publicity. In addition, the SISO compiled and published English-language CCICED newsletters to inform council members, special advisors and partners of the CCICED's research outcomes and work progress in a timely way. Also, it assisted in satisfying the requirements of the CCICED Guidelines on Gender Equality and promoted gender mainstreaming in the CCICED's operation and research.

## Fund Management

*The total financial commitment from the Chinese government and international partners for the operation and activities of the CCICED Phase VII was about USD \$30 million.*

The funds for the CCICED Phase VII were divided into one core fund and other funds designated for specified use. The core fund can be used flexibly for various CCICED activities, including CCICED annual general meetings, policy research, roundtable meetings, works of chief advisors and Secretariat operations, as well as for emergency responses to changes in work focus and specific content. The core fund accounts for approximately 80 percent of the total. The funds for specified use are provided by donors for specific activities, normally to support specific task forces, policy research or demonstrative projects, to ensure sufficient financial support for major research work. These funds account for approximately 20 percent of the total.

Most funds are managed by the CCICED Secretariat and the SISO. The SISO is responsible for the management of Canadian and Norwegian endowments. Funds administered by the SISO represent approximately 30 percent of the total. Under certain circumstances, the donors may manage their endowments through their own institutions.

In 2022, the CCICED Secretariat and the SISO continued to implement the Fund-Management Guidelines for Relevant Expenditures of Task Forces. The guidelines are based on the rules and restricted provisions established by the Chinese government and the CCICED's major donors. The guidelines identify expenditure standards and reimbursement procedures.

As of the end of 2022, the expenditure of the CCICED Phase VII totaled USD \$3.9196 million, including USD \$1,257,219 for policy research, USD \$651,968 for activities and events, USD \$281,73 for chief advisors, USD \$1,377,037 for the Secretariat and publicity and USD \$351,713 for the SISO and training.

## 2022–2023 Work Plan

### Policy Research

Following the principles of being interdisciplinary, comprehensive, and forward-looking, and considering the policy needs and hotspot issues in China and around the globe, the Council plans to launch eight Special Policy Studies (SPSs) organized under the four task forces, and the annual theme of "Green Empowerment and High-Quality Development". Moreover, in light of China's domestic and international situations, the Council proposes to organize a number of short-term, highly-focused research activities that will include policy recommendations. The eight SPSs will examine the following topics.

#### Task Force 1: Innovation in Global Environmental Governance

SPS 1: Pathways for Achieving Carbon Neutrality and China's Role in Global Climate Governance

SPS 2: Pathways and Policies of Blue Economy in Supporting Carbon-Neutrality Target

#### Task Force 2: National Green Governance System

SPS 3: Collaborative Mechanism for Pollution Reduction, Carbon Reduction, Green Expansion and Growth

SPS 4: High-Quality Development of River Basins and Adaptation to Climate Change

#### Task Force 3: Sustainable Production and Consumption

SPS 5: Promoting digitization and Green Technologies for Sustainable Development

SPS 6: Trade and Sustainable Supply Chains

#### Task Force 4: Low-Carbon and Inclusive Transition

SPS 7: Innovative Mechanism of Sustainable Investment in Environment and Climate

SPS 8: Sustainable Development Innovation Mechanism Boosted by the Belt and Road Initiative

### Key Events

CCICED 2023 Annual General Meeting(AGM): The AGM is tentatively scheduled for the third quarter of 2023. Open forums will be organized around the annual theme, and emerging issues on the environment, development, and policy research outputs will be reviewed. The annual Policy Recommendations will also be formulated at the AGM.

CCICED Roundtable Meeting: CCICED will organize a roundtable meeting to share research outputs, learn from sectors and departments, and exchange experiences and best practices on green development to serve China's high-quality development.

Side Events or Activities: CCICED will organize side events and activities in line with UNFCCC's Conference of the Parties and other major events to share CCICED research outputs with the international community and to advance global environmental governance.



## 2022–2023 Work Plan

**Policy Seminars or Forums:** In line with research outputs from the SPSs and domestic and international hot-button issues, CCICED will organize policy seminars and forums with Chinese and international partners to encourage exchanges among research teams and to propose more strategic and forward-looking policy recommendations.

### Other arrangements

**Provide High-Quality Service to Council Members and Special Advisors:** CCICED will inform Council Members and Special Advisors of the Council's work through regular publications, including the CCICED Newsletter and the CCICED Annual Report. CCICED will assist Council Members and Special Advisors in engaging in policy research work; participating in major conferences and events; and promptly summarizing, refining, and issuing reports on Council Members' inputs. It will also assist Council Members and Special Advisors in submitting member reports or recommendations on hot issues and major problems on the topics of environment and development for high-level decision making.

**Enhancing Partnerships:** Regular joint working meetings between Chief Advisors and the Secretariat will be organized, as well as meetings with partners and donors, to inform them of the progress of CCICED's work and gather inputs from stakeholders. CCICED aims to expand and develop partnerships by strengthening communication and cooperation, including carrying out joint events to leverage complementary advantages and share research outcomes. In accordance with the principles of diversity, inclusiveness, and shared benefits, CCICED focuses on gender equality in all processes of research and actively explores youth participation.

**Strengthening Capacity Building for the Secretariat, Increasing Support for the Chief Advisors:** CCICED plans to comprehensively strengthen the capacity of the Secretariat by coordinating and collaborating with the Secretariat International Support Office through regular working meetings. The Council will also improve the capacity of the Secretariat on policy research and management through training and staff exchanges to provide well-rounded support to the Chief Advisors.

**Promptly Publishing Research Outputs to Strengthen Policy Impacts:** CCICED plans to strengthen communication, cooperation, and discussion with all partners through major events, including the CCICED AGM and roundtable meetings. CCICED will continue to compile and publish the CCICED Annual Policy Report (in English and Chinese) and a series of books on the outcomes of selected SPSs. CCICED will channel its research outputs to support high-level decision making and enhance CCICED impacts in a timely manner.

**Innovating Communication Methods to Enhance Recognition:** CCICED aims to deepen cooperation with institutions such as China Daily and International Institute for Sustainable Development to manage platforms such as the CCICED's website, the WeChat official account, Facebook, Twitter, and other media platforms to publish CCICED's research outputs and work progress in multiple formats and perspectives in a timely manner to expand coverage and publicity.

## Appendix I

### 2022 Policy Recommendations (Summary)

The CCICED 2022 Annual General Meeting was held from June 13 to 16 in a hybrid format. Themed on "Building an Inclusive, Green and Low-Carbon Economy," the meeting focused on China's and international hotspot issues of green, sustainable development. The meeting also resulted in the drafting of the CCICED's 2022 policy recommendations to the Chinese government.

Based on the policy research outcomes and discussions from the AGM, Council Members recommend that China should unremittingly hold firm in its strategic determination towards Ecological Civilization, by prioritizing and stabilizing expectations for a green, low-carbon transition, and move from securing short-term economic, energy, food and other security to unleashing win-win short and long-term green economic stimulus, innovation, low-carbon growth in which science links short, interim and long-term green development targets and timetables. In this way, China will open a new green chapter for high-quality development.

Stabilize growth through green transition and ensure short-term security and stability. A win-win situation for energy security and climate mitigation can be achieved through the development of renewable energy and the decarbonisation of key economic sectors and urban centers with increased demand-side energy savings, energy and other resource efficiency circular economy action. Detailed investment and green technology roadmaps should be developed, updated and monitored that align sector-specific policies with carbon peaking and carbon neutrality goals. China should adopt three interlinked national strategies for a sustainable food system, Nature Based Solutions and climate adaptation. Low-carbon, climate resilient and clean development should be integrated into the large-scale spatial planning in large river basins and other areas to promote coordinated regional development.

Drive growth through green transition and unleash the momentum of high-quality and innovative growth in the medium and long terms. China should integrate digitalization with sustainable development and promote green technology innovation and green digital governance, and advance the acceleration of green technology deployment in all relevant sectors through direct or blended public-private investment, standards, incentives, green taxes. Engage the public in linking digital platforms with low-carbon, green lifestyles.

Strengthen growth through green transition, improving institutions and mechanisms for governance, deepening green and low-carbon dialogues and cooperation, and laying the foundation for inclusive, green, and healthy global development. Policy coherence should be enhanced. A multi-objective collaborative mechanism to maximize synergies among carbon emissions reduction, pollution prevention, ecological restoration, nature conservation, circular economy, climate adaptation and economic prosperity should be established. Develop short, medium- and long-term risk prevention and mitigation plans for industrial and other sectors, regions and communities affected by the low-carbon transition. Maintain engagements in multilateral and bilateral cooperation and concrete exchanges through the Green Belt and Road Initiative, multilateral and regional trade cooperation platforms to achieve the Sustainable Development Goals.

Specific recommendations are as follows:

Remain Committed to a Green and Low-Carbon Transition and Ensuring Security and Stability in Key Areas

Economic Security: Implement green and low-carbon economic stimulus measures to maintain macroeconomic stability

Energy Security: Accelerate investment in renewable energy; Stabilize the stock, strictly control the increment and guide the orderly phase-down of coal power

Food Security: Develop a national strategy for a sustainable agri-food system transition to ensure food security and contribute to carbon peaking and carbon neutrality

Climate Security: Integrate climate risk assessment and adaptation strategies into large scale spatial planning and the design of urban and rural areas to enhance their climate resilience. Further innovate financial instruments to enhance risk resilience

Accelerate Green Technological Innovation to Foster New Economic Growth Impetus

Align digitalization with sustainability transformations to enable and accelerate low-carbon technological innovations

Facilitate the scaling-up of low-carbon and zero-carbon innovative technologies

Strengthen a Comprehensive, Green and LowCarbon System to Bolster Long-Term Endeavors in High-Quality Development

Establish a multi-objective collaborative mechanism for carbon reduction, pollution reduction, ecological restoration, nature conservation, and growth

Improve market-driven and government-led innovation mechanisms for sustainable investment and financing

Enhancing Integrated Ecosystem Based Management and Optimizing Low Carbon and Resilient Spatial Patterns

Strengthen integrated climate-resilient management for low-carbon and resilient river basins

Ocean Security: Advancing a sustainable, low-carbon oceans economy

Deepen International Environmental Cooperation to Maintain an Open, Inclusive and Mutually Beneficial International Environmental Governance Process

Strengthen international climate and biodiversity dialogues and exchanges and contributing to global environmental governance

Build pathways towards a green and low-carbon Belt and Road Initiative (BRI)

Appendix II  
2022 Highlights

January

January 12	Chinese and International Experts Joint Working Meeting for SPS on the Key Pathways on a Green and Low-Carbon BRI (video conference)
January 13	Inception Meeting for SPS on the Value Assessment of NbS (video conference)
January 13	Working Meeting for SPS on Ecosystem-Based Integrated Ocean Governance Under the Vision of Carbon Neutrality (video conference)
January 19	CCICED Phase VII Briefing Event Held in Beijing
January 21	Inception Meeting for SPS on Carbon Peaking and Carbon Neutrality Policy, Measures, and Implementation Pathways (video conference)
January 25	Inception Meeting for SPS on the Development of Low-Carbon and Resilient Cities and Adaptation to Climate Change (video conference)
January 27	Inception Meeting for SPS on Sustainable Food Supply Chain (video conference)
January 28	Inception Meeting for SPS on Carbon Peaking and Carbon Neutrality Policy, Measures, and Implementation Pathways (video conference)

February

February 28	Workshop for Scoping Research on Sustainable Trade and Investment (video conference)
February 24	Workshop on Digitalization to Advance Sustainability (video conference)

March

March 10	Chinese and International Experts Joint Working Meeting for SPS on Ecosystem-Based Integrated Ocean Governance Under the Vision of Carbon Neutrality (video conference)
March 11	Chinese and International Experts Joint Working Meeting for SPS on Value Assessment of Nature-based Solutions (NbS) (video conference)
March 24	Chinese and International Experts Joint Working Meeting for Scoping Research on Sustainable Finance Innovation (video conference)
March 25	Workshop for CCICED Phase VII Policy Research
March 31	Chinese and International Experts Joint Working Meeting for SPS on Sustainable Trade and Investment (video conference)

April

April 1	Chinese and International Experts Joint Working Meeting for SPS on Sustainable Food Supply Chain (video conference)
April 1	Chinese and International Experts Joint Working Meeting for SPS on Low-carbon and Resilient Urban Development and Adaptation to Climate Change (video conference)
April 11	Chinese and International Experts Joint Working Meeting for SPS on Global Ocean Governance - Ecosystem Based Integrated Oceans Management Under the Vision of Carbon Neutrality (video conference)
April 6	The Chief Advisor and Secretariat Joint Working Meeting Q1 (video conference)
April 13	Chinese and International Experts Joint Working Meeting for SPS on Key Pathways on a Green and Low-Carbon BRI (video conference)
April 19	Chinese and International Experts Joint Working Meeting for SPS on Sustainable Trade and Investment (video conference)

May

May 6	Chinese and International Experts Joint Working Meeting for SPS on Low-carbon and Resilient Urban Development and Adaptation to Climate Change (video conference)
May 12	Chinese and International Experts Joint Working Meeting for SPS on Value Assessment of Nature-based Solutions (NbS) (video conference)
May 16	Chinese and International Experts Joint Working Meeting for SPS on Global Ocean Governance - Ecosystem Based Integrated Oceans Management Under the Vision of Carbon Neutrality (video conference)
May 18 – 20	Chinese and International Experts Joint Working Meeting for SPS on Carbon Emissions Peaking and Carbon Neutrality Policy Measures and Implementation Pathways; Lessons from the Geopolitical Crisis: Renewables for Energy Security (video conference)
May 19	Chinese and International Experts Joint Working Meeting for SPS on Key Pathways on a Green and Low-Carbon BRI(video conference)

June

June 13 –16	CCICED 2022 Annual General Meeting & CCICED 30 <sup>th</sup> Anniversary Celebration
June 16	Mr. Han Zheng, Vice Premier of the State Council and the CCICED Chairperson, attended and addressed the CCICED 2022 Annual General Meeting & CCICED 30 <sup>th</sup> Anniversary Celebration

July

July 12	Workshop on Building a Balanced, Inclusive and Green Path to Global Development
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August

August 10	Working Meeting for SPS on Global Ocean Governance - Ecosystem Based Integrated Oceans Management Under the Vision of Carbon Neutrality (video conference)
August 17	The Chief Advisor and Secretariat Joint Working Meeting Q2 (close-door meeting, video conference)
August 26	Chinese and International Experts Joint Working Meeting for SPS on High-Quality Development of River Basins and Adaptation to Climate Change (video conference)

September

September 9	Chinese and International Experts Joint Working Meeting for SPS on Global Ocean Governance - Ecosystem Based Integrated Oceans Management Under the Vision of Carbon Neutrality (video conference)
September 23	Chinese and International Experts Joint Working Meeting for SPS on Innovative Mechanism of Sustainable Investment in Environment and Climate (video conference)
September 26	Roundtable on the Road Leading to the Success of CBD COP15: Building a Shared Future for All Life on Earth (video conference)
September 28	Chinese and International Experts Joint Working Meeting for SPS on High-Quality Development of River Basins and Adaptation to Climate Change (video conference)
September 29	CCICED Youth Salon on Green held in Beijing

October

October 11	Working Meeting for SPS on Promoting Digitalization and Green Technologies for Sustainable Development (video conference)
October 12	Chinese and International Experts Joint Working Meeting for SPS on Trade and Sustainable Supply Chains (video conference)
October 26	Inception Meeting for SPS on Pathways and Policies of Blue Economy in Supporting Carbon-Neutrality Target (video conference)

November

November 28	Inception Meeting for SPS on Pathways for Achieving Carbon Neutrality and China's Role in Global Climate Governance (video conference)
November 28	Chinese and International Co-leaders Joint Working Meeting for SPS on Promoting Digitalization and Green Technologies for Sustainable Development (video conference)
November 29	The Chief Advisor and Secretariat Joint Working Meeting Q3 (video conference)

December

December 8	Working Meeting for SPS on Promoting Digitalization and Green Technologies for Sustainable Development (video conference)
December 13	Inception Meeting for SPS on Sustainable Development Innovation Mechanism Boosted by the BRI (video conference)
December 14	Seminar on "Supporting the post-2020 Biodiversity Conservation" held in Montreal, Canada
December 15	Workshop on Blue Economy and Plastic Pollution Treatment for SPS on Pathways and Policies of Blue Economy in Supporting Carbon-Neutrality Target (video conference)
December 16	Workshop on Fishery for SPS on Pathways and Policies of Blue Economy in Supporting Carbon-Neutrality Target (video conference)
December 16	COP 15 Side Event on "China's Role in Biodiversity Conservation and Sustainable Development" held in Montreal, Canada

Appendix III  
CCICED Phase VII Members (as of December 2022)



Mr. HAN Zheng	<b>Chairperson</b>
Mr. HUANG Runqiu	<b>Executive Vice Chairperson</b> Minister, Ministry of Ecology and Environment
Mr. XIE Zhenhua	<b>Vice Chairperson</b> China's Special Envoy on Climate Change
Mr. ZHOU Shengxian	<b>Vice Chairperson</b> Former Minister of Environmental Protection
Mr. ZHAO Yingmin	<b>Secretary General</b> Vice Minister, Ministry of Ecology and Environment
Mr. LIU Shijin	<b>Chinese Chief Advisor</b> Former Vice President, Development Research Center of the State Council
Mr. DOU Shuhua	Vice-chairperson, The Environmental Protection and Resources Conservation Committee
Mr. LIAO Min	Deputy Director of Central Financial and Economic Affairs Commission General Office; Vice Minister, Ministry of Finance
Mr. XIAO Yanshun	Member of the Leading Party Members Group, State Council Research Office
Mr. MA Zhaoxu	Vice Minister, Ministry of Foreign Affairs
Mr. HU Zucai	Vice Chairman, National Development and Reform Commission
Mr. XIN Guobin	Vice Minister, Ministry of Industry and Information Technology
Mr. ZHU Zhongming	Vice Minister, Ministry of Finance
Mr. WANG Hong	Vice Minister, Ministry of Natural Resources; Director of State Oceanic Administration
Mr. DAI Dongchang	Vice Minister, Ministry of Transport
Mr. ZHANG Taolin	Vice Minister, Ministry of Agriculture and Rural Affairs
Mr. WANG Shouwen	China International Trade Representative (minister's level), and Vice Minister of Commerce, Ministry of Commerce
Mr. QIU Baoxing	Counsellor, the State Council
Mr. ZHANG Yaping	Vice President and Academician, the Chinese Academy of Sciences
Mr. CAI Fang	Former Vice President, Chinese Academy of Social Sciences
Mr. ZHANG Yuyan	Director, Researcher of the Institute of World Economics and Politics of Chinese Academy of Social Science (IWEPP, CASS)



Mr. YU Yong	Deputy Administrator, China Meteorological Administration
Mr. DENG Xiuxin	Vice President and Academician, the Chinese Academy of Engineering
Ms. LUO Hui	Director General of Department of International Affairs (Hong Kong, Macao and Taiwan Exchange Office)
Mr. XUE Lan	Dean of Schwarzman College in Tsinghua University; Co-Chair of the Leadership Council of the UN Sustainable Development Solution Network (UNSDSN); Professor at School of Public Policy and Management at Tsinghua University
Mr. HE Kebin	Member of Chinese Academy of Engineering; Professor of the School of Environment and Dean of the Institute for Carbon Neutrality at Tsinghua University
Mr. ZHANG Yuanhang	Professor, College of Environment Sciences and Engineering, Pecking University; Academician, the Chinese Academy of Engineering
Mr. DAI Minhan	Professor, Xiamen University; Academician of Chinese Academy of Sciences
Mr. FANG Jingyun	Professor, College of Urban and Environmental Sciences, Pecking University; Academician of Chinese Academy of Sciences
Mr. WANG Jinnan	President of Chinese Academy of Environmental Planning; Academician of Chinese Academy of Engineering
Mr. ZHANG Xiaoye	Research Fellow of Chinese Academy of Meteorological Sciences; Academician of Chinese Academy of Engineering
Mr. WANG Yi	Vice Chair, National Expert Committee on Climate Change; Professor of School of Public Administration, University of Chinese Academy of Sciences; Member, Standing Committee of the National People's Congress of China
Mr. SHU Yinbiao	Academician of Chinese Academy of Engineering, President of Chinese Society for Electrical Engineering, the 36 <sup>th</sup> President of International Electrotechnical Commission
Mr. QIAN Zhimin	Chairman of the Board, State Power Investment Corporation Limited
Mr. WANG Tianyi	Former Executive Director and the Chief Executive Officer, China Everbright Environment Group Limited
Ms. Marjorie YANG	Chairman, Esquel Group
Mr. XIN Bao'an	Executive Chairman, State Grid Corporation of China
Mr. LEI Mingshan	Executive Chairman, China Three Gorges Corporation

International Members

Mr. Steven Guilbeault	<b>Executive Vice Chairperson</b> Minister, Environment and Climate Change Canada
Mr. Achim Steiner	<b>Vice Chairperson</b> Administrator, The United Nations Development Programme
Ms. Inger Andersen	<b>Vice Chairperson</b> Executive Director, The United Nations Environment Programme
Ms. Kristin Halvorsen	<b>Vice Chairperson</b> Director, CICERO Center for International Climate Research; Former Minister of Finance of Norway; Former Deputy Prime Minister of Norway
Mr. Scott Vaughan	<b>International Chief Advisor of CCICED</b> Former President and CEO, International Institute for Sustainable Development
Mr. Danny Alexander	Vice President, Policy and Strategy, The Asian Infrastructure Investment Bank
Mr. Peter Bakker	President and CEO, World Business Council for Sustainable Development
Mr. Manish Bapna	President and CEO, Natural Resources Defense Council
Mr. Børge Brende	President, World Economic Forum
Mr. Francesco La Camera	Director-General, International Renewable Energy Agency
Mr. Srun Darith	Secretary of State, Ministry of Environment, Cambodia
Mr. Aniruddha (Ani) Dasgupta	President and CEO of World Resources Institute
Mr. John J. DeGioia	President, Georgetown University
Mr. Jan Hendrik Dronkers	Secretary-General, Ministry of Infrastructure and Water Management, the Netherlands
Mr. Richard Florizone	President and CEO, International Institute for Sustainable Development
Ms. Kate Hampton	CEO, Children's Investment Fund Foundation
Mr. Arthur Hanson	Senior Advisor and Former President of International Institute for Sustainable Development
Mr. Hal Harvey	CEO, Energy Innovation
Mr. Stephen Heintz	President and CEO, the Rockefeller Brothers Fund
Ms. Naoko Ishii	Professor, Executive Vice President and Director of the Center for Global Commons, University of Tokyo; Former CEO and Chair, Global Environment Facility
Mr. Rodolfo Lacy	Director for Climate Action and Environment for Latin America, Special Envoy on Climate Matters to the United Nations, Organization for Economic Co-operation and Development



Mr. Marco Lambertini	International Special Envoy, World Wide Fund for Nature
Mr. Stanley Loh	Permanent Secretary, Ministry of Sustainability and the Environment, Singapore
Mr. Michael McElroy	Gilbert Butler Professor of Environmental Studies, Harvard University
Mr. Dirk Messner	President, German Federal Environment Agency
Mr. Hideki Minamikawa	President, Japan Environmental Sanitation Center
Ms. Elizabeth Maruma Mrema	Executive Secretary of the Convention on Biological Diversity
Ms. Jennifer Morris	Chief Executive Officer, The Nature Conservancy
Mr. Gerd Müller	Director General of the United Nations Industrial Development Organization
Mr. Bruno Oberle	Director General, the International Union for Conservation of Nature
Mr. Frank Rijsberman	Director General, Global Green Growth Institute
Mr. Carlos Manuel Rodriguez	CEO and Chairperson of the Global Environment Facility; Former Environment and Energy Minister, Costa Rica
Ms. Gwen Ruta	Executive Vice President, Environmental Defense Fund
Mr. Ahmed M. Saeed	Vice President (Operations 2), Asian Development Bank
Mr. Erik Solheim	Senior Advisor, World Resources Institute; Convener of the Advisory Committee, The BRI International Green Development Coalition
Mr. Andrew Steer	President and CEO, Bezos Earth Fund
Ms. Eva Svedling	Former State Secretary, Ministry of Environment, Sweden
Mr. Sukanto Tanoto	Founder and Chairman, Royal Golden Eagle
Mr. James Thornton	Founding CEO, ClientEarth
Ms. Nomfundo Tshabalala	Director-General of the Department of Forestry, Fisheries, and the Environment, Republic of South Africa
Ms. Laurence Tubiana	CEO, European Climate Foundation
Ms. Christie Ulman	President, Sequoia Climate Foundation
Mr. Juergen Voegelé	Vice President for Sustainable Development, the World Bank
Mr. Jan-Gunnar Winther	Specialist Director, Norwegian Polar Institute
Mr. Zhang Hongjun	Board Chair, Energy Foundation China; Partner, Holland and Knight LLP

CCICED Phase VII Special Advisors (as of December 2022)

Chinese Special Advisors	
Mr. ZHANG Yong	Director-General, Bureau of General Affairs, the Office of the Central Financial and Economic Affairs Committee
Ms. CHEN Wenling	Chief Economist, China Center for International Economic Exchanges
Mr. ZHANG Yansheng	Chief Researcher of China Center for International Economic Exchanges

Mr. LI Haisheng	President of China Research Academy of Environmental Sciences
Mr. GUO Jing	President of BRI Green Development Institute (BRIGDI)
Mr. ZHOU Heng	Director General, Department of International Cooperation, China Meteorological Administration
Mr. YE Yanfei	Senior Inspectorate Advisor, Policy Research Bureau of the China Banking and Insurance Regulatory Commission
Mr. HU Baolin	Honorary Dean of Research Institute of China Green Development of Tianjin University
Ms. ZHANG Chenghui	Member of Committee of Academics,TJD Research Institute
Mr. ZHAI Panmao	Intergovernmental Panel on Climate Change (IPCC) Working Group I Co-chair; Chief Scientist and Principle Investigator of Chinese Academy of Meteorological Sciences
Mr. ZHANG Yongsheng	Director-General and Research Fellow, Research Institute for Eco-civilization, Chinese Academy of Social Sciences
Mr. MA Jun	Chairman, Green Finance Committee of China Society for Finance and Banking
Mr. LI Xiaojiang	Professor and former President, China Academy of Urban Planning and Design
Mr. YU Ping	Former President of China Council for the Promotion of International Trade
Mr. ZHAI Qi	Executive Secretary General, China Business Council for Sustainable Development
Mr. TANG Jie	Professor of Harbin Institute of Technology (Shenzhen), Director of Development Strategy Committee, Director of the Chinese University of Hong Kong (Shenzhen), and former vice mayor of Shenzhen
Mr. XU Lin	Chairman of China-US Green Fund, Committee Member of Demonstration Area in the Yangtze River Delta on Ecologically Friendly Development, Former Director General of the Department of Fiscal and Financial Affairs and the Department of Development Planning of NDRC
Mr. LI Zhenguo	Founder and President of LONGi
Mr. WANG Yusuo	Founder and Chairman of the Board of ENN Group

International Special Advisors	
Mr. Iskandar Abdullaev	Deputy Director, Central Asia Regional Economic Cooperation Institute; Former Executive Director, The Regional Environmental Center for Central Asia
Mr. Knut Halvor Alfsen	Former Head Research Director, Center for International Climate and Environmental Research Oslo
Mr. Howard Bamsey	Chair, Global Water Partnership; Former Executive Director of GCF
Mr. Dimitri de Boer	Regional Director of Programmes for Asia & Chief Representative of China, ClientEarth
Mr. Guillermo Castilleja	Senior Advisor, Global Alliance for the Future of Food

Ms. Galit Cohen	Former Director General, Ministry of Environmental Protection of the State of Israel
Mr. Stephan Contius	Special Advisor on SDGs at the Foundations Platform F20, former Commissioner for the 2030 Agenda for Sustainable Development and Director at the Federal Environment Ministry, Germany
Mr. Mark Halle	Former European Representative and Director for Trade and Investment, International Institute for Sustainable Development
Ms. Jeanne-Marie Huddleston	Director General of Bilateral Affairs and Trade, the International Affairs Branch of Environment and Climate Change Canada
Ms. Bernice Lee	Research Director, Futures, Chatham House-Royal Institute of International Affairs
Mr. LEI Hongpeng	Regional Director, East and Southeast Asia / Chief Representative, China, Children's Investment Fund Foundation
Mr. LIU Jian	Director of the Science Division, United Nations Environment Programme
Mr. LO Sze Ping	Program Director, China and Southeast Asia, Sequoia Climate Foundation
Mr. Zafar Makhmudov	Executive Director, the Regional Environmental Centre for Central Asia
Mr. Hans Mommaas	Director-General, PBL Netherlands Environmental Assessment Agency
Ms. Neo Gim Huay	Managing Director, Centre for Nature and Climate, the World Economic Forum
Ms. Oyun Sanjaasuren	Director, External Affairs, Green Climate Fund
Mr. Ismo Tiainen	Director-general, Administration and International Affair, Ministry of the Environment, the Republic of Finland
Mr. ZOU Ji	CEO & President of Energy Foundation China



Ms. ZHOU Guomei	Deputy Secretary General Director General, Department of International Cooperation, Ministry of Ecology and Environment
Mr. ZHANG Yujun	Deputy Secretary General Director General of Foreign Environmental Cooperation Center, Ministry of Ecology and Environment
Mr. LI Yonghong	Assistant Secretary General Deputy Director General of Foreign Environmental Cooperation Center, Ministry of Ecology and Environment



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