

ANNEX V  
TO THE PROTOCOL ON COOPERATION IN THE FIELD OF FOSSIL ENERGY  
TECHNOLOGY DEVELOPMENT AND UTILIZATION  
BETWEEN  
THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA  
AND  
THE MINISTRY OF SCIENCE AND TECHNOLOGY  
OF THE PEOPLE'S REPUBLIC OF CHINA  
  
FOR COOPERATION IN THE AREA OF  
CLIMATE SCIENCE

The Department of Energy (DOE) of the United States of America, and the Ministry of Science and Technology (MOST) of the People's Republic of China. The Chinese Academy of Sciences (CAS) of the people's republic of China, The China Meteorological Administration (CMA) of the people's republic of China, hereinafter referred to as the "Parties":

Noting the Agreement between the Government of the United States of America and the Government of the People's Republic of China on Cooperation in Science and Technology signed January 31, 1979, as amended and extended, hereinafter referred to as the "Umbrella Agreement";

Noting that under the Umbrella Agreement the USDOE and the Ministry of Science and Technology (MOST) signed a Protocol for Cooperation in the Field of Fossil Energy Technology Development and Utilization on April 20, 2000, hereinafter referred to as the "Protocol";

Noting that Article 2 of the Protocol identifies a number of areas for potential cooperation in the field of fossil energy technology development and utilization, and noting that Article 7 of the Protocol provides that the USDOE and the MOST may invite other organizations to participate in cooperative activities under the Protocol,

Desiring to establish cooperation between agencies in the United States and in the People's Republic of China (PRC) for global and regional climate change;

Have agreed as follows:

ARTICLE I  
OBJECTIVES

1. This Annex is subject to the terms and conditions of the Umbrella Agreement and the Protocol. **In the event of any conflict between the terms and conditions of the Umbrella Agreement or the Protocol and this Annex, the Umbrella Agreement and the Protocol shall govern.**

2. The objectives of this Annex are: to prepare climate data; to improve climate models; and to conduct analyses that increase understanding of regional climate changes and provide input to climate change policy discussion.

## ARTICLE 2 AREAS OF COOPERATION

Cooperation under this Annex may include, but is not limited to, the following areas:

1. Analysis of general circulation models used to understand and project global and regional climate;
2. Climate data preparation and analysis,
3. Atmospheric trace constituent measurements; and
4. Effect and impact of climate change on human and natural systems

Other areas may be added by written agreement of the Parties.

## ARTICLE 3 PARTICIPATING ORGANIZATIONS

1. The principal organizations in the United States responsible for conducting the cooperative activities under this Annex shall be the DOE, Office of Science, Office of Biological and Environmental Research.
2. The principal organizations the PRC responsible for conducting the cooperative activities under this Annex in the People's Republic of China shall be the CAS and the CMA.
3. By written agreement of DOE, CAS and CMA, other government agencies and organizations may be invited to participate in this Annex and sign the cooperative agreement which shall be attached to this Annex as an amendment. **The date of signature** shall be the effective date of eligibility for participating in cooperative activities under the Annex.

## ARTICLE 4 FORMS OF COOPERATION

Cooperative activities undertaken pursuant to this Annex may include any of those forms listed in Article 3 of the Protocol. DOE and MOST shall agree, in advance, in writing, to any new areas of cooperation not identified in the Protocol

## ARTICLE 5 MANAGEMENT

Each Party to the Annex shall designate an Annex Coordinator to oversee all activities under it.

In addition to overseeing all activities, the Annex Coordinators shall be responsible for proposing to the Permanent Coordinating Group under the Protocol, future program opportunities with a view to maximizing the mutual benefits of cooperation. An Annex Coordination Meeting shall be held at a mutually agreed site, preferably annually. Individual Tasks under the Annex shall have a Task Coordinator from each of the signatory organizations participating in the Tasks, to manage specific cooperative activities initiated under it, and to establish and maintain working contacts at the staff level

## ARTICLE 6 COSTS AND TECHNICAL SCOPE

Except when otherwise specifically agreed by the Parties in writing in each joint Task, all costs, including travel and lodging expenses, resulting from cooperation under this Annex shall be borne by the Party that incurs them. The implementation of this Annex by way of joint Tasks is subject to the availability of appropriated funds and personnel, and subject to applicable laws and regulations of the countries of the Parties. Joint Tasks shall, as appropriate, cover such things as exchange of proprietary information, management, total costs, cost sharing, and schedule, and any undertakings, obligations or conditions necessary to the proposed Task.

## ARTICLE 7 ENTRY INTO FORCE, AMENDMENT, AND TERMINATION

1. This Annex shall enter into force upon signature by all Parties and remain in force for five (5) years or until termination of the Protocol, whichever occurs first. This Annex may be amended or extended by written agreement of the Parties, so long as the Protocol remains in force.
2. At the discretion of each Party, its participation in this Annex may be terminated upon six (6) months advance notice in writing to the other Parties.

SIGNED in duplicate in the English and Chinese languages, both texts being equally authentic

PERMANENT COORDINATING GROUP CO-CHAIRMEN

FOR THE DEPARTMENT OF ENERGY OF  
THE UNITED STATES OF AMERICA:

DATE:

12/7/00

FOR THE MINISTRY OF SCIENCE AND  
TECHNOLOGY OF THE PEOPLE'S  
REPUBLIC OF CHINA:

DATE:

2000.12.7.

ANNEX 5 COORDINATORS:

FOR THE DEPARTMENT OF ENERGY OF  
THE UNITED STATES OF AMERICA:

DATE:

12/7/00

FOR THE CHINESE ACADEMY OF  
SCIENCE OF THE PEOPLE'S REPUBLIC  
OF CHINA:

Pangqin Chen

DATE:

Dec. 5, 2000

FOR THE CHINA METEOROLOGICAL  
ADMINISTRATION OF THE PEOPLE'S  
REPUBLIC OF CHINA:

Zhou Shu Guang

DATE:

12/5/2000