

**MEMORANDUM OF UNDERSTANDING ON SCIENTIFIC AND  
TECHNOLOGICAL COOPERATION BETWEEN THE DEPARTMENT OF  
SCIENCE AND TECHNOLOGY OF THE REPUBLIC OF THE  
PHILIPPINES AND THE MINISTRY OF SCIENCE AND ICT OF THE  
REPUBLIC OF KOREA**

The Department of Science and Technology of the Republic of the Philippines and the Ministry of Science and ICT of the Republic of Korea (hereinafter referred to as the "Participants"),

Referring to the Basic Agreement on Scientific and Technological Co-operation between the Government of the Republic of the Philippines and the Government of the Republic of Korea signed in Manila on 07 July 1981,

Desirous of developing cooperation between the two countries, particularly in the field of science and technology,

Conscious of the mutual benefit to the two countries arising from the development of their scientific and technological relations, and

Taking account of the fact that the implementation of such cooperation will contribute to the growing friendly relations between the two countries,

Have reached the following understanding:

**PARAGRAPH 1 Scope of Cooperation**

1. The Participants will encourage and support cooperation in the field of science and technology between the two countries on the basis of equality and mutual benefit, fair treatment, reciprocity and the timely exchange of information, according to the provisions of this Memorandum of Understanding (MOU) and the laws and regulations of each country.
2. This MOU is not intended to create any legal obligations under international law , and will be carried out within the framework of the respective laws and regulations of the two countries and subject to the availability of appropriated funds and personnel of the Sides.

**PARAGRAPH 2 Forms of Cooperation**

1. The scientific and technological cooperation under this MOU will take the following basic forms:
  - a. joint research and development, including the mutual exchange of research findings;
  - b. exchange of scientists, specialists and researchers to participate in the execution of joint projects;
  - c. exchange of technical documentation and information;
  - d. joint scientific conferences, courses, seminars and publications and the exhibition of the joint projects;
  - e. assistance in education and training in research

f. Any other forms of scientific and technical cooperation that may be jointly decided upon by the Participants.

2. This MOU does not exclude visits and exchanges of specialists in the field of science and technology outside the scientific and technological cooperative activities under this MOU.

### **PARAGRAPH 3 Areas of Cooperation**

1. The Participants will encourage the establishment of scientific and technological contacts between the appropriate organizations, agencies, universities and companies in both countries and, as mutual needs arise, the conclusion of separate arrangements. Such arrangements will be concluded in accordance with the laws and regulations of the two countries.

2. The Participants will carry out the cooperative activities mentioned in Paragraph 2 in the following areas:

a . advanced materials source;

b. biotechnology;

c. nanotechnology;

d. data analysis;

e. artificial intelligence;

f. nuclear technology;

g. astronomy;

h. space technology and geo-informatics;

i. metrology;

j. water resources management, including:

i. water-related disaster mitigation (e.g. floods/flash floods, drought/low-flow forecasting , storm surge and rain-induced landslides),

ii. advances in decision support systems in hydrology,

iii. telemetry/telecommunications technology,

iv . applications of remotely-sensed data, including radar , satellites and numerical weather prediction (NWP), to hydrology,

v. flood risk assessment and analysis;

k. climate change;

l. meteorology;

m. climatology;

n . regional climate modeling;

o. remote sensing;