

At the Opening of the 16<sup>th</sup> JISR-IIASA Workshop, CSM'2002

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July 15, 2002

Mr. Chairman, ladies and gentlemen;

It is a great pleasure for me to have an opportunity to deliver my message to all of the participants of the CSM'02 workshop by the kind arrangements of Dr. Makowski and Prof. Inoue.

First of all, I would like to congratulate Prof. Leen Hordijk that he took office as the new director of IIASA.

This meeting has a special meaning for me, because System and Decision Science Program of IIASA and our Japan Institute of Systems Research started a collaborative research on Development of Interactive Modeling and Decision Support systems on April 1, 1987.

Since then we have continued a strong collaboration and to-day is the 16th time to get together to discuss about our collaborative research.

Needless to say, the recent revolutionary development of computers and communication devices is bringing about a remarkable change in system methodology and its applications to real-life problems.

In spite of the development of information technology, intuition of human being is becoming important more and more, because man-made systems will be usable for solving the real-life problems only by the harmonization of human judgment and those systems.

We are now developing a soft systems approach which harmonizes the human judgment and the ability of computer. The name of this approach is the Shinayakana Systems Approach proposed by us.

We established the Modeling Method of Man's Participation for Complex System (3MPCS) as an important tool of the Shinayakana Systems Approach.

This method is now being applied to practical industrial systems successfully.

We are also much interested in the application of the Shinayakana Systems Approach to the global environmental problems, which are typical examples of complex systems. We believe that this approach will be a most useful methodology for the global environmental assessment and management.

I am very happy to mention that the joint research program on Global Environmental Modeling is ongoing between IIASA and the National Institute for Environmental Studies of Japan (NIES) since January 1994 under the JISR-IIASA Joint Research Agreement.

I greatly appreciate Director Professor Hordijk and Dr. Makowski for their continuous collaboration with us.

Finally I do hope that this meeting will be fruitful and useful for the individual participants and also system methodology itself.

Thank you very much for your attention.