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JOURNAL OF SOCIAL COMPLEXITY

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RESEARCH UNIVERSITY ON COMPLEXITY
IN INDONESIA



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FOREWORD

Good Morning, Indonesia!

Honestly, it is a kind of extra-struggling for us in Bandung Fe Institute to have the ability and braveness on preceding the journal of social complexity. The Board of Science in Bandung Fe Institute has been stated that the journal will publish 4 times a year periodically. However, the period seems to be too long concerning the vast researches in Bandung Fe Institute. There have been four department built in the BFI, i.e.: Department of Computational Sociology, Department of Dynamical System Modeling, Department of Cognitive Science, and the Department of Science and Education. The four divisions have been the core of the research group and doing a lot of researches regarding their thematically divisions. Apparently, it is shown in this issue of the journal.

The main questions become the focal debates in social science since its birthday is, how the heterogeneous micro-world (individuals) behaviors generate the macroscopically regularities (and similarity) that tried to be approached by the sociologists. While the psychologists have tried to build many theories concerning individuals and by this kind of theories try to explain many things in society, the sociologists face any dilemma on many kinds of emergentism emerges in the social phenomena. The social is complex, by means that the regularity of social system is constructed by the quite simple heterogeneous rules in the interactions among individuals. Henceforth, it is impossible to generating such social theory that can explain many emergences arise in the sociological analysis by the traditional methods (and heuristically epistemology). The first paper, however, try to make a kind of the philosophical framework on this theme.

The next paper will describe the actual development of practical theory of the interaction between the macro-social phenomenon i.e. crime, and the macro-economical one, i.e.: unemployment that beautifully give us a kind of nice terminology on the crime-attractor in the practical paradigm of the unemployment. The third paper will discuss any possibility on constructing the agent-based social studies in the paradigms of contemporary psychological theories. This was done by using some perspectives in artificial neural network modeling system. The last paper shall not to be neglected is the surgery on the fuzziness of the social system we faced by using the fuzziology. The paper, nonetheless, gives some promises on the next development of the social complexity theories. The board of science also gives a review on a very fascinating work of Stephen Wolfram, entitled *The New Kind Of Science*. Differing with the usual review on the book by some physicists, the book will be reviewed by using the contemporary social theories.

It is interesting to see the dawn of social complexity in Indonesia, as the social problem emerged in many social aspects. However, the board of science must acknowledge the need for the donation and financial support for the continuation of the future researches described in the end of this issue. We also thank to friends supporting the publications of the first issue, Sri Pujianti, Andrianto ('Lemet'). We also thank Prof. Saswinadi Sasmodjo (ITB), Prof. M.T.Zen (ITB), and Dodi Rustandi for the moral support until to day. We cannot imagine our existence without them. The last pages of this issue will quote some honored people that appreciate the work we do here around the world.

Indonesia needs the social complexity for the sake of alternative voices of the social rehabilitation we have to day. However, it strongly depends upon the way we appreciate the development of the complexity science in general; the dawn of social complexity sciences. Have a good time reading!

In Crescunt Animi, Virescit Volnere Virtus!
Spirits Increase, Vigor Grows Through Wounds!

Ante-April 2003

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