Part B. Visualizations and patterns

This part is a partial response to the needs of many for new ways of thinking about the complexity of international organization networks – and the networks of problems with which they deal, and the networks of strategies advocated in that process.

There is a major challenge to enable people to obtain greater insight into complex networks of relationships amongst international organizations, world problems, strategies in response to them, human development and human values. The challenge is to compensate for the natural tendency to rely on focused information on urgent issues by enabling people to work with contextual information and configurations of related issues and responses to them.

In previous editions of this volume representations of non-quantitative relationships and patterns between organizations, problems and strategies were offered in the form of network (spring) maps. These may be still accessed from the web at http://www.uia.be/visuals/javagallery.htm.

This edition brings together a selection of historical items – most dating from 1970 and 1971 – documenting early work on visualization. The last figure in this section is a selection of current work; for further examples, three dimensional and colour presentations, users are directed to the above mentioned website.

For further explanatory information on displaying complexes of problems, strategies, values and organizations, see Appendix 3: Visualization and patterns

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Part B. Visualizations and patterns

Section 10. Historical review

10.1. Visualization of Organization (1970)

10.2. Visualization of the International Organization Network: the UIA as an international data bank (1970)

10.3. Information Systems and Inter-Organizational Space (1971)

10.4. Inter-organizational Data and Data Bank (1971)

10.5. Next Step in Inter-organizational Relationships (1971)

10.6. Computer-aided Visualization of Psycho-social Structures: Peace as an evolving balance of conceptual and organizational relationships (1971)

10.7. Mapping World Problems: a technique illustrated by relations between IGOs and INGOs, particularly for the case of the United Nations system (1972)

10.8. Compensatory Dynamics: the ecological relationship between the dove and the hawk (1986)

10.9. Visualization: current work (2005)

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