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Veröffentlichungsversion / Published Version
Zeitschriftenartikel / journal article

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Empfohlene Zitierung / Suggested Citation:

Onaka, F. (2013). Aspects of process theories and process-oriented methodologies in historical and comparative sociology: an introduction. *Historical Social Research*, 38(2), 161-171. <https://doi.org/10.12759/hsr.38.2013.2.161-171>

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Aspects of Process Theories and Process-Oriented Methodologies in Historical and Comparative Sociology: An Introduction

Fumiya Onaka*

Abstract: »Aspekte von Prozesstheorien und Prozessorientierter Methodik in der Historischen und Vergleichenden Soziologie: Eine Einleitung«. The "process" concept is particularly crucial especially for historical and comparative sociology. This paper explains the objective of this HSR Focus; after referring to the term "process-oriented" in related human and social sciences, it necessitates the examining "process-oriented" theories in historical and comparative sociology from the viewpoint of "process-generated data." Finally the paper indicates the duality of "process-oriented" theories as a tentative summary of results.

Keywords: process, theory, process-oriented, process-generated data, historical sociology, comparative sociology, duality, flow.

1. The Importance of the "Process" Concept

If sociology aspires to be an "angel of history" (Burawoy 2005) that stands before the dead and the living, wreckage and progress (Benjamin 1968), the "process" concept has enormous importance. It is illustrated also by a range of process theories including modernization, rationalization, differentiation, civilization, individualization, democratization, globalization, Europeanization, decolonization, and so on. These theories suggest that this concept is linked especially to historical and comparative sociology. It is imperative for sociologists of these areas to invent, maintain, refine, and reorganize their own "process-oriented methodology."

2. What Does "Process-Oriented" Mean?

First, we re-examine the term "process-oriented" by referring to similar efforts in related disciplines.

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The term “process-oriented” has recently been gaining importance, especially during the first decade of the century in various human and social science disciplines in addition to the traditional focus on “process” in political science, law, biology, psychology, and philosophy. Even in the natural sciences such as environmental studies (Sanchez 1995; Li et al. 2000; Dettki 2003), it has become popular to use this term.

Moreover, the meaning of the term “process-oriented” is very diverse.

In philosophy, Rescher (1996) used the term “process-oriented” in the “thing/process” contrast.¹ His emphasis on “process” derives from Whitehead (1929) who stated that “the actual world is a process” (ibid., 30) and quotes the sentence “*all things flow*” as an exact expression of the “process” concept (ibid., 295).

There is a sub-discipline named “process-oriented psychology,” which was first proposed by Arnold Mindell (1985), who emphasized the importance of the body and its growth. A large number of articles, partly influenced by this idea, have been written that use the term “process-oriented” (e.g., Dörnyei 2000; Tennen et al. 2000; Knight et al. 2001; Cummings et al. 2002). The usages in these articles are also diverse, but what is common to all is the incorporation of various factors including body and time, into models, research, or analyses of some psychological case or phenomena.

In pedagogy, this term is applied, for example, to writing education which emphasizes the process, rather than the outcome of writing. Here, the term is the antonym of “skill-oriented” (Delpit 1988), “knowledge oriented” (Atkinson 2003), “product-oriented” (Suzuki et al. 2009), or “effect-oriented” (Janssen et al. 2010). “Process-oriented” is regarded to be more progressive than “outcome-based” in these studies. On the other hand, “process-oriented” is criticized from the viewpoint of “post-process pedagogy” (Breuch 2002) where the term “process” means “prewriting, writing, and rewriting”.

In business sciences, the term “process-oriented” has become particularly popular. It is related to a model (for example, of knowledge management, operations management, e-commerce, and so on) which takes the form of a chain of action categories, such as “access/record/store/distribute” (Remus et al., 2003), “plan/do/act/check” (Clegg 2006) “measure/deliver/understand” (Adomavicius et al. 2005), “plan/source/make/deliver/return” (Lambert 2005), or a chain of factors such as “antecedants/behavior/consequences” (LaVan 2007). In these studies, a “process-oriented” concept confronts concepts such as “market-oriented” (Maier et al. 2002), “resource-oriented” (ibid.) “customer-oriented” (Lambert 2005; Adomavicius et al. 2005), or “goal-oriented” (Ado-

¹ For example: “The word is too ubiquitous and versatile to be dispensed with even the setting of a process-oriented position with its emphasis on ‘thing/process’ contrast, particularly so since the word admits a variety of insubstantial applications where things in any literal sense of particulars are not necessarily at issue” (Rescher 1996, xvii).

mavicius et al. 2005). That is, the objective of a “process-oriented” concept is to describe a flowchart of actions or factors focusing factors internal to companies. What animates this description is the need to depict effective algorithms which can enable computer processing (e.g. Aalst 1998; Woolridge et al. 2000).

In healthcare sciences, the term “process-oriented” is used to describe a flowchart of healthcare processes. Here it is contrasted with “structure-oriented” or “functional” hospitals, which focus on specialized organization structure (e.g. Hwang et al. 2011, Vos et al. 2011).

In political sciences, it is common to use the term to describe political phenomena such as democracy. The notion of process emphasizes a viewpoint of gradual or rapid change and confronts that of stability; e.g. “a hierarchical causal structure” (Gasiorowski 1995), “system” (Thelen 1999; Tilly 2001), or “product” (Carothers 2009).

In sociology of the 1950s, the term “process-oriented” was “defined in terms of the pattern variables pattern variables of Affectivity, Collectivity Orientation, Particularism, Ascription, and Diffuseness” (Olmsted 1954, 742) and was the opposite of “task-oriented” which was “defined in terms of Affective Neutrality, Collectivity Orientation, Universalism, Achievement” (ibid.). This contrast was also expressed as “*gemeinschaftlich*” and “*gesellschaftlich*”.

After reviewing these various usages, it can be pointed out that the term “process-oriented” has a common feature in all of them, namely, *a chain of actions or factors including time and body*, rather than a fixed existence (“product,” “system,” “structure,” “thing”) or outside factor (“task,” “customer,” “market,” “resource”). As its use in business sciences suggests, this chain of actions or factors enables us to *draw a flowchart of algorithm for computer processing*. As the definitions from philosophy and psychology show, the term derives from *deep knowledge*.

This chain of actions or factors including time and body can be called “theory” in other contexts. For that reason, the efforts to elaborate “theories” are extremely crucial for “process-oriented methodology.” These efforts are also required of historical and comparative sociology in order to adapt to current information and knowledge society.

3. Process-Oriented Methodology

Nina Baur and Stefanie Ernst have recently been proclaiming “process-oriented methodology” based on the works of Norbert Elias (Ernst 2010; Baur et al. 2011). Ernst (2010) suggests “process-oriented methods” are relevant in researching labor and organization. She proposes both “process analysis” on the basis of Elias and “mixed method” research based on the Chicago School. Baur et al. (2011) have proposed four stages of this methodology;

(1) explicating the researcher's theoretical and personal perspectivity; (2) re-constructing the figuration's rules and social structure using standardized data; (3) analyzing the individual's placement within, perception of and ability to change the figuration, using open-ended data; and (4) exploring the figuration's sociogenesis, using process-generated data (ibid., 117).

However, Vom Lehn (2011) pointed out that the theoretical basis for "process-oriented methodology" is not yet clear enough.

Previous research has found that there are close relationships between the nature of data and theories in process-oriented methodology and that process-generated data are more important for these process-oriented theories than the research-elicited data on which most sociologists have traditionally relied (Baur 2009). This argument raises question regarding the nature or characteristics of theories that are appropriate for process-generated data. The process-oriented approach has been related to various theories, but it has been unclear which theories fit this type of data. Therefore, we must examine the merits and demerits of these theories from the viewpoint of process-generated data.

In this HSR Focus, we will discuss this relation between "process-oriented data" and theories, focusing on historical and comparative sociology.

4. Theories Examined

This Focus arises from ISA Forum RC33/WG02 joint session: "Process-oriented Methodology and Theories in Historical and Comparative Sociology" at Buenos Aires in 2012.

This HSR Focus presents selected contributions of this joint session, which particularly cover the diverse areas in current historical and comparative sociology. That is the macro-level historical sociology of Luciana de Souza Leão, the meso/micro-level historical sociology of Jae Eon Yu, Eduardo Vizer and Helenice Carvalho, the macro-level historical and comparative sociology of Shigeru Tanaka, and the meso/micro-level comparative sociology of Fumiya Onaka

The theories to be examined are as follows:

Table 1: Theories Treated

No.	Authors	Theories
1	Luciana de Souza Leão	Path-Dependency Theory
2	Jae Eon Yu	Assemblage/Minoritarian Theory
3	Eduardo Vizer et al.	Communication Process Theory
4	Shigeru Tanaka	Nationalization/Symbolic Media Theory
5	Fumiya Onaka	Socio-Cultural Network Theory

Relying on Bendix (2007), Tilly (1984), Skocpol (1984), Mahoney (2000), Thelen (2003) and other comparative-historical sociologists and several economists, Leão introduces and examines the limits and possibilities of the path dependency theory for understanding the history of the Brazilian political economy from 1930 to 2000. The author shows that it has sufficient validity because it helps to explain some of the difficulties encountered in implementing comprehensive state reforms in the 1990s.

After reviewing Elias (1992, 1997), Giddens (1979, 1984), Foucault (1977, 1981), Luhmann (1989, 1995), DeLanda (2006) and other sociologists and philosophers, Yu introduces the assemblage theory of Deleuze and Guattari (1987) and Deleuze (1990, 1994) as a tool for analyzing processes of organizational transformation and social changes especially focusing on the minorities. From this theory, he develops “time-related research” by generating events data in the form of “process-generated data” and applies it to a case-study of the Smile Microcredit Bank of South Korea.

Based on Bourdieu (1996), Foucault (1970), Berger and Luckmann (1986), and other communication theorists, Vizer and Carvalho propose an original three-dimension model of communication processes, with referential, interreferential, and auto-referential dimensions. They also create an action research device, called “socioanalysis,” for constructing diagnoses and intervention in specific areas in communities and organizations. In this method, researchers invite community members and organizations to participate in constructing a collective diagnosis of problems and intervention options through conversations in which there is continual re-evaluation of the following: a) facts arising from the social action and communication processes in the group, b) implicit or explicit concepts and interpretations in the researchers’ minds and practices, and, c) the methodology of intervention and interaction applied by the researchers.

Tanaka proposes his nationalization theory based on Stiglitz (2002) and Schattsneider (1975), which redefines the term “nationalization” according to the concept of globalization. He also suggests the symbolic media theory that integrates the “symbolic media” of Parsons (1949, 1951) as well as Luhmann (1969, 1976, 1981, 1984, 1995, 1997) and the “violence” of Clastre (2010). He considers “the nation-state” as one of such media and describes its nature through the history of Europe and the U.S.

Finally, I examined my own “socio-cultural network” theory based on a “thick comparison” study of three Thai villages by reviewing “process” and “network” concepts in the main works of classical sociologists, such as Auguste Comte (1830, 1854), Herbert Spencer (1851, 1873), Émile Durkheim (1912, 1919, 1922, 1960), Georg Simmel (1900, 1908, 1989), Max Weber (1921, 1922a, 1922b), Norbert Elias (1978, 1987, 1992, 1997), and Talcott Parsons (1949, 1951), and particularly its special relations with Simmel, Weber, and Elias.

5. Discussion

These process-oriented theories in historical and comparative sociology relate, directly or indirectly, to process-generated data, although some types of theories exhibit special affinity for it. In Table 1, the path-dependency theory and the nationalization/reductive media theory are discussed primarily by process-generated data. The assemblage/minoritarian theory and the communication-process theory relate to the combined use of research-elicited data and process-generated data in action research. The socio-cultural network theory relates to process-generated data though it originally derives from data elicited in field research.

Therefore, the most important point is that process-oriented data are used by historical as well as comparative theories, macro-level as well as meso/micro level theories, and objectivist as well as subjectivist theories. These dualities might metaphorically represent the two wings of the “angel of history,” which catch the “storm” (Benjamin 1968), a dynamic flow of air.

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