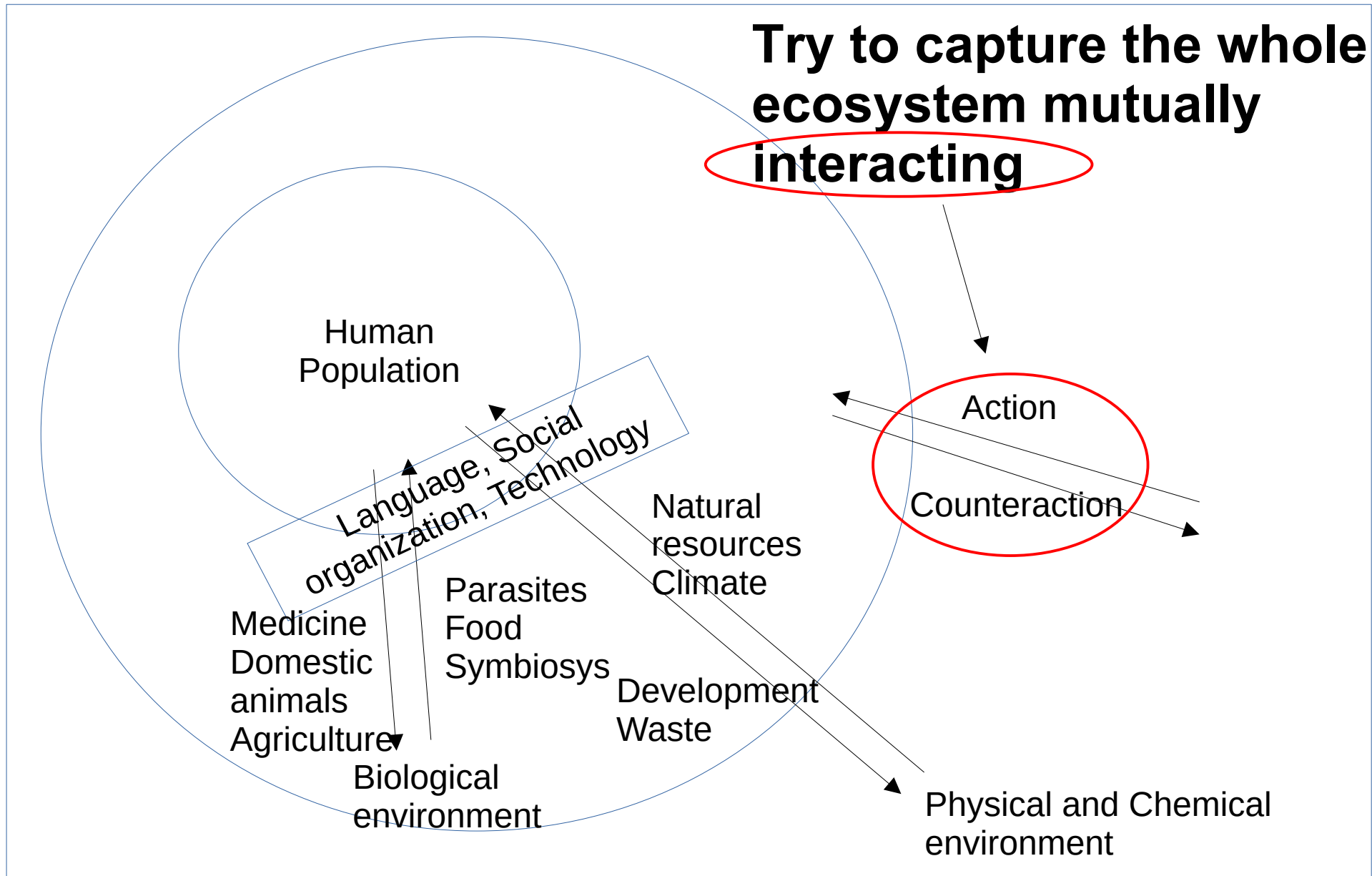


Framework of Human Ecology Study



Methodology

Experiments

- * Clarifying micro-level interactions between human and environment

Fieldwork

- * Directly obtaining real-world data in regional ecosystem by observation, interview and measurement

Multidisciplinary approach

Computer modeling

- * Integrating the findings from field and lab to understand conclusive and dynamic regional humanized ecosystem

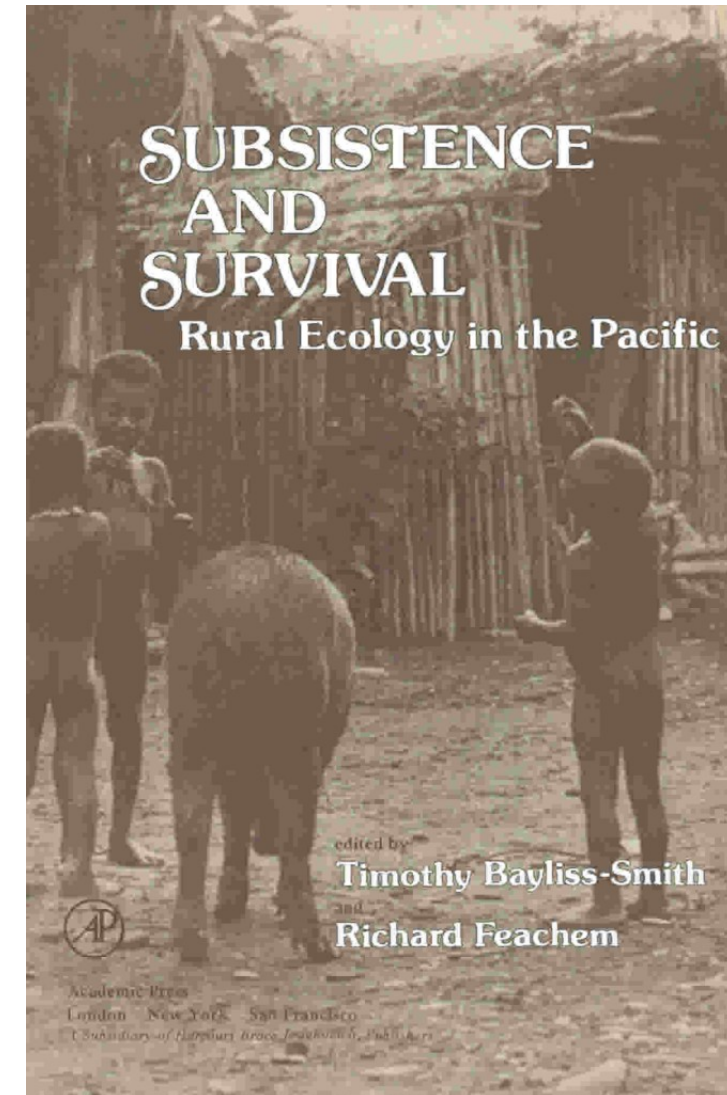
Demography
Anthropology
Sociology
Economics

Mathematics
Computer science
Simulation

Biochemistry
Microbiology
Physiology
Nutrition

Human Ecologist as Superman

- Chapter title of the book “Subsistence and Survival: Rural Ecology in the Pacific” (1977) edited by Timothy Bayliss-Smith and Richard Feachem; Chapter 1 “The Human Ecologist as Superman?” by Feachem.
 - Based on fieldwork in several remote communities in Papua New Guinea.
 - Human Ecology studies must be multidisciplinary and thus usually conducted by collaborative team to integrate the finding later.
- However, an individual conducting multidisciplinary research in a small community has several advantages over such team studies, including innate integrity. Larger team studies tend to “Let’s measure everything and decide what to do with it afterwards”
- Based on the integrative study in the small community by an individual researcher, it’s better to suggest policy planning for that community. But for that purpose, the researcher has to learn many disciplines, which can be done by a kind of superman.



Academic societies and journals

- Societies
 - Society for Human Ecology
<https://www.societyforhumanecology.org/>
 - Human Biology Association
<https://www.humbio.org/>
 - 生態人類学会 <https://ecoanth.main.jp/>
 - 日本健康学会 <https://jshhe.org/>
- Journals
 - Human Ecology
<https://link.springer.com/journal/10745>
 - American Journal of Human Biology
<https://onlinelibrary.wiley.com/journal/15206300>
 - Ecology of Food and Nutrition
<https://www.tandfonline.com/journals/gefn20>

References in Japanese

(Also see, <https://minato.sip21c.org/humeco/index.html>)

- 鈴木継美『人類生態学の方法』東大出版会
- 小石秀夫・鈴木継美（編）『栄養生態学：世界の食と栄養』恒和出版
- 鈴木継美・大塚柳太郎・柏崎浩（編）『人類生態学』東大出版会
- 大塚柳太郎・河辺俊雄・高坂宏一・渡辺知保・阿部卓（編）『人類生態学』東大出版会
- 渡辺知保・梅崎昌裕・中澤港・大塚柳太郎・関山牧子・吉永淳・門司和彦『人間の生態学』朝倉書店
- 市川光雄・大塚柳太郎（編）『生態人類学を学ぶ人のために』世界思想社

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