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CTD: 09BP- BIO-CULTURAL APPROACH, POPULATION STUDIES AND REPRODUCTIVE HEALTH

SUB-DOMAIN: BIO-CULTURAL DIVERSITY AND EVOLUTION

## PANEL TITLE:

# APPROACHES TO HUMAN HEALTH, ADAPTATION, AND SUSTAINABILITY INCORPORATING BIO-CULTURAL FACTORS

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## ABSTRACT

Anthropological research has continued to focus on human health using a bio-cultural approach that incorporates social, cultural, behavioural, and biological factors in its research design. In recent decades, the looming crisis of climate change has led to an increase in vector-borne diseases, pandemics, and chronic diseases related to lifestyle. Therefore, it has become crucial to assess both biological and cultural adaptations, as well as the socioeconomic resilience of societies to develop effective strategies and policies for the future. Given the complexity of global environmental challenges, innovative, interdisciplinary approaches are necessary to inform policy and action at multiple levels. To make sure these tactics are working, it is essential to monitor and evaluate them. To do this, evaluate the local effects of sustainability management strategies and link them to more comprehensive national and international policy goals using precise indicators and relevant success criteria. For resource managers, legislators, and scientists, the choice of indicators and assessment methods, however, can have a substantial impact on the people and activities connected with a certain undertaking.

**Keywords:** Health, Bio-Cultural, Adaptation, Challenges, Sustainability

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