

## **The Role of Geography in The Healthcare Sector**

Singh, Ajmer

Research Scholar, NIILM University Kaithal Haryana India

### **Abstract**

Geography and health are linked to each other such as where we are born, live, study and work all these directly influences our health experiences. The air we breathe, the food we eat and the health services we can access. Geographical investigations of the spatial variation of diseases provide important insights into what contributes to disease outcomes and options for prevention. This means that health is a resource to help an individual perform their function in society, rather than an end in itself. Healthy lifestyle allows us to live a full life with meaning and purpose. The social, built and natural environment affect our health and wellbeing in ways that are directly relevant to health policy. Health geography is a sub discipline of human geography, which deals with the interaction between people and the environment.

*Keywords:* Environment, Geography, Health Study, Health Policy, Lifestyle, Human Geography

### **Introduction**

Due to the COVID-19 outbreak, it is known that health protection measures have been put in place to stop the spread of the virus. The possibility of its damage is expanding, mainly because the virus could mutate into other diseases people had already. In addition, the presence of various chronic and fatal diseases, or the risk of their spread in places, requires making effective public health policies. At the same time, it is also important to identify areas of significantly

higher or lower health risks. Geography emerges as a field that helps find science-based solutions. For instance, the geographic spatial analysis explores the occurrence, spread, and potential maintenance of disease and creates appropriate maps. In other words, geography provides an epistemological and practical methodology for the global or local nature of health problems.

### **Human Health and Geography**

The concept of spatial dimensions in medical sectors and healthcare approaches has a geographical context in that, certain geographical factors – approachability of healthcare centers, and their placement plantings, factors that exist, and social environment – have great importance in human health conditions. Therefore, geography examines all the above-mentioned factors and noticeably helps to find proper solutions and make reasonable policies. Thus, there are still areas where certain health problems are more predominant. People are getting closer through travel and communal living in the urbane and high-tech developed world. As a result, super viruses and other antibiotic-resistant infections are becoming increasingly common despite improvements in vaccinations and the availability of healthcare facilities.

### **Health Geography is a hybrid science**

Health geography is the combination of geographic knowledge, methods of analyzing and interpreting geographic evidence, on the one hand, and on the other hand. Traditionally, geographic studies also rely on two individual approaches in terms of

studying health issues. The first is analyzing patterns, causes, and spread of diseases. For Instance, the rationale of “geographical epidemiology” which includes disease clustering, mapping, and ecological analysis is examined. The second is examining health services

Including delivery. For this, we can relate as an example one study that examined geographical differences in disease prevalence. Which is, it has analyzed limitations in healthcare supplies and the arranging of applicable cures for residential areas while covering the research. Also, a series of research on the coronavirus epidemic were conducted within the geographical framework. Moreover, the mapping of infectious diseases and the corresponding spatial analysis based on a geographical approach to the epidemiological situation became relevant topics. Besides, we have already a technical term called “holistic approach” which can be used in Health Geography. So, geography, if well studied along with medicine, is a key field to figure out the core of issues and suggest accurate solutions for them. All in all, health geography examines health issues as a mixture of different academic fields and the

purpose of this hybrid science is to produce solutions to health problems.

### Conclusion

To conclude, we explored how geography can help with health problems. While the availability of medical care has eliminated several diseases that affect humans, there are areas around the world where certain health problems are more common. The importance of geography is incomparable there. The study of the influence of geography on public health matters has an effective contribution to the elimination of the spread of diseases and the prevention of new illnesses in the future. Geographical research of health care includes two different approaches: one is related to health care planning and carriage (of supplies), other is related to the Predominance of illness, sources, and patterns. Furthermore, a “place” is a term that conceptualizes how important to examine “location”, “spatiality”, and then “geography” in Terms of the disease transmission and its treatment. The health geography combines with the healthcare sector as a hybrid approach, and it is called a “holistic perspective”. This term Includes “spatial

location” and “place”. The reason is healthcare geography can be combined with different academic fields.

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