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### **[Abstract Title]**

Using Narrative Approach to Air Pollution Study: Focusing on a Community in Ulaanbaatar, Mongolia

### **[Abstract]**

Ulaanbaatar, the capital of Mongolia, is known as one of the most polluted cities in the world during the winter months. The main cause of air pollution is coal used for heating by households in the ger areas. The Government of Mongolia and various stakeholders have been making efforts to solve the issues, but the air quality has not improved over the past decades, threatening the citizens' health. There are many controversies about air pollution issues in Ulaanbaatar, among which it is pointed out that policies have been proposed without public participation in the decision-making processes. Previous studies have pointed out that public participation is essential for policy-making processes and behavior changes on environmental issues. Through a narrative approach and its analysis, which is regarded as one of the ways to enhance public participation, this study attempts to collect and organize public discourse and community preferences on air pollution issues in Ulaanbaatar. Moreover, the study contributes to an understanding of the communication of controversial environmental topics, such as air pollution, and to show how to engage vulnerable communities for the policy consensus building. The potential of voluntary participation of residents in improving air quality at the local level was also explored.



**[Keywords]**

narrative approach, air pollution, community, public participation