



i-Rec Conference 2023: Tensions Between Tradition and Innovation in Disaster Risk Reduction, Climate Action, and Reconstruction

**A Study on co-creation-type reconstruction community planning in village affected by the Great East Japan Earthquake-Case Study of Osawa District, Karakuwa Town, Kesenuma City, Miyagi Prefecture**

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**Purpose**

The purpose of this study is to present the possibility of co-creation type reconstruction methods by different organisations based on a case study of the reconstruction of a communication unit affected by the Great East Japan Earthquake. Since modernisation, reconstruction in Japan has mainly been carried out in a top-down manner. In recent years, there have been examples of inter-organisational cooperation, which can be considered as a consortium, for the purpose of establishing reconstruction projects. However, the keyword 'co-creation' is now being used as an idea to open up a future that is unclear due to the diversification of society and the arrival of a mature society. There are concerns that promoting one-size-fits-all reconstruction could have a significant impact on regional sustainability, given that the areas affected by the Great East Japan Earthquake have created communities that differ from region to region, and that many of these areas are facing declining birth rates and an ageing population. What kind of reconstruction is needed to create co-creation in these times? We believe that it will be important to explore what kind of reconstruction is needed to create co-creation in these times in order to enhance the sustainability and resilience of our country. In particular, we often see conflicts between actors with different positions in the field of reconstruction, which leads to unnecessary effort and time being spent. It can also reduce the sustainability of the region. However, it is unclear what exactly constitutes co-creation in reconstruction. Therefore, this research aims to present a hypothetical state of co-creation in reconstruction.