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The environmental disasters and related counter measure in Northeast Asia regions

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For a long time, earth's climate change has led to the deterioration of the global environment. Not matter land disasters or marine disasters have increased, and the extent of impact or damage caused has also significantly enlarged. Countries located in northeast Asia not only cannot eliminate this kind of effect, but also, due to their geographical location, are even more seriously affected by natural disasters compared to other countries. Since environmental disasters in northeast Asia are quite similar, therefore, either to exchange cross-border experience of disaster prevention and mitigation or to collaboratively research and develop the best related technology can be the future direction of regional cooperation. Moreover, to apply big data analysis in disaster prevention and mitigation will be a developing tool. Finally, from the aspect of engineering disaster prevention and mitigation, it hopes that risk management should be taken into consideration before facing with the events of natural disasters. This will be more effective and practical to deal with environmental disasters.

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