

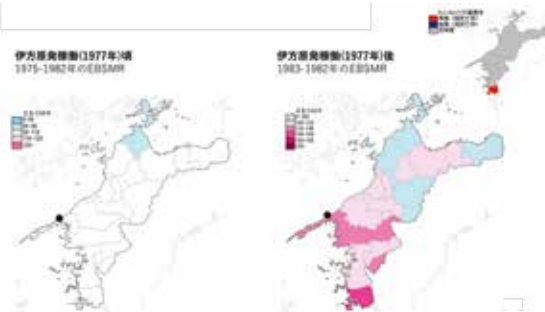


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## Quantitative assessment of the effects of environmental pollution on the humans

In recent years, the human health effects of environmental pollution are an important concern for society. The main types of environmental exposures that affect human health are physical, chemical, biological, psychological, social, and cultural exposures. However, the actual scientific methods for clarifying these effects and the institutions that compile the results are not well known to the public. Moreover, because this is not known, many media and people do not know how to read the results of new studies, let alone benefit from them. They also don't know how the results are incorporated into social and legal systems. In other words, the scientific knowledge of human impact is not well utilized in Japan. We are researching the promotion of scientific literacy on the environment and human health effects.



## Assessment of the effects of biological exposures on humans

In the case of biological exposures, bacterial and viral exposures are the representatives of human health effects of the environment. Currently, a new coronavirus is causing a pandemic in the world. The transmission of new coronaviruses is thought to be through respiration and through contact. Along with this, food poisoning through food and drink is the most common form of bacterial and viral exposure. We are conducting research to collect these cases and study them, including legal developments, for future prevention.