

Oct 22, 2022

Dear Sigurdur

Japan Health Physics Society asked our member to give comment on which topics should be treated with higher or lower priority to prepare the next general recommendations. By 14th October, JHPS received one comment from our member. The International Correspondence Committee and Board members have confirmed that there is no issues so here I send the comment below:

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The system for radiological protection is a system protecting people and the environment mainly at low doses and low dose rates, and it provides a concept for risk management.

For the purpose of radiological protection, although safer (conservative) assessment is important for risk assessment and dose estimation, a balance needs to be taken care of because too conservative risk and dose estimation can lead to loss of resources.

In particular, environmental protection is considered to require careful and in-depth discussion because of the large uncertainties involved.

To this end, it is necessary to reduce uncertainties in the underlying scientific knowledge. Epidemiological studies alone are not sufficient, and it is most important to provide evidence by clarifying the mechanisms of biological effects due to radiation exposure.

Considering the impact on the system of radiological protection and the current state of scientific knowledge, dose rate effects, radiation detriment, setting the dose limit, uncertainty, and balance with environmental protection is considered to be a high priority.

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Best regards

International Correspondence Committee of JHPS