Special Issue

New Challenges, Approaches and Methods in Radiation Protection

Message from the Guest Editor

The system of radiation protection is based on three fundamental principles: justification, optimisation and dose limitation. This enables the safe use and application of the ionizing radiation in everyday life. To protect organisms and the environment, it is essential to understand how radiation-induced effects occur, and how ionizing radiation interacts with the constituents when traversing the matter. Understanding, investigating and interpreting those basic processes has led to the development of several technological and scientific disciplines. This Special Issue will publish high-quality, original research papers in the overlapping disciplines of:

- Measurement and metrology;
- Quality assurance in radiation protection;
- Education and training;
- Medical use and applications of ionizing radiation;
- Other nuclear applications and applications of ionizing radiation (food irradiation, industrial, military, scientific applications, etc.);
- Dosimetry;
- Radioecology;
- NORM;
- Radon;
- Radioactivity monitoring;
- Emergency preparedness and response;
- Radioactive waste management;
- Perspectives in social sciences and related topics.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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