

放射線防護に関する国際動向と 日本の専門家としての向き合い方

国際放射線防護委員会事務局

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国際放射線防護委員会の最近の動向-1

- 2021年7月1日より主委員会委員及び各専門委員会委員の2021-2025期の開始
- 最新の出版物ICRP Publication 149 Occupational Radiological Protection in Brachytherapyを2021年9月1日に発刊
 - Proceedings of the International Conference on Recovery after Nuclear Accidents: Radiological Protection Lessons from Fukushima and Beyond
 - Cancer Risk from Exposure to Plutonium and Uranium
 - Occupational Intakes of Radionuclides: Part 5
 - Radiation Detriment Calculation Methodology
- 主委員会をドイツ・フランクフルトで開催（2021年11月15日～18日）

国際放射線防護委員会の最近の動向-2

- Publication 103に代わる次期主勧告策定に向けた活動の開始
 - Keeping the ICRP recommendations fit for purpose
(<https://iopscience.iop.org/article/10.1088/1361-6498/ac1611>)
 - Areas of research to support the system of radiological protection
(<https://link.springer.com/article/10.1007/s00411-021-00947-1>)
 - The Future of Radiological Protection Digital Workshop
(<https://icrp.org/page.asp?id=510>)

現在活動中のタスクグループ



NEWS WORK ORGANISATION SUPPORTERS ICRPAEDIA of the ICRP is done by Task Groups. Often, a Task Group is established to develop a single publication, although some develop multiple publications. On occasion, a Task Group is established for other purposes, such as to prepare advice to the ICRP Main Commission.

Browse through all active ICRP Task Groups listed below.

<p>Task Group 36</p> <p>Radiation Dose to Patients in Diagnostic Nuclear Medicine</p>	<p>Task Group 64</p> <p>Cancer Risk from Alpha Emitters</p>	<p>Task Group 91</p> <p>Radiation Risk Inference at Low-dose and Low-dose Rate Exposure for Radiological Protection Purposes</p>	<p>Task Group 95</p> <p>Internal Dose Coefficients</p>	<p>Task Group 96</p> <p>Computational Phantoms and Radiation Transport</p>	<p>Task Group 97</p> <p>Application of the Commission's Recommendations for Surface and Near Surface Disposal of Solid Radioactive Waste</p>
<p>Task Group 98</p> <p>Application of the Commission's Recommendations to Exposures Resulting from Contaminated Sites from Past Industrial, Military and Nuclear Activities</p>	<p>Task Group 99</p> <p>Reference Animals and Plants (RAPs) Monographs</p>	<p>Task Group 102</p> <p>Detriment Calculation Methodology</p>	<p>Task Group 103</p> <p>Mesh-type Reference Computational Phantoms (MRCP)</p>	<p>Task Group 105</p> <p>Considering the Environment when Applying the System of Radiological Protection</p>	<p>Task Group 106</p> <p>Application of the Commission's Recommendations to Activities Involving Mobile High Activity Sources</p>
<p>Task Group 108</p> <p>Optimisation of Radiological Protection in Digital Radiography, Fluoroscopy, and CT in Medical Imaging</p>	<p>Task Group 109</p> <p>Ethics in Radiological Protection for Medical Diagnosis and Treatment</p>	<p>Task Group 110</p> <p>Radiological Protection in Veterinary Practice</p>	<p>Task Group 111</p> <p>Factors Governing the Individual Response of Humans to Ionising Radiation</p>	<p>Task Group 112</p> <p>Emergency Dosimetry</p>	<p>Task Group 113</p> <p>Reference Organ and Effective Dose Coefficients for Common Diagnostic X-ray Imaging Examinations</p>
<p>Task Group 114</p> <p>Reasonableness and Tolerability in the System of Radiological Protection</p>	<p>Task Group 115</p> <p>Risk and Dose Assessment for Radiological Protection of Astronauts</p>	<p>Task Group 116</p> <p>Radiological Protection Aspects of Imaging in Radiotherapy</p>	<p>Task Group 117</p> <p>Radiological Protection in PET and PET/CT</p>	<p>Task Group 118</p> <p>Relative Biological Effectiveness (RBE), Quality Factor (Q), and Radiation Weighting Factor (wR)</p>	<p>Task Group 119</p> <p>Effects of Ionising Radiation on Diseases of the Circulatory System and their Consideration in the System of Radiological Protection</p>
<p>Task Group 120</p> <p>Radiological Protection for Radiation Emergencies and Malicious Events</p>					

Task Group 114

Reasonableness and Tolerability in the System of Radiological Protection

[Thierry Schneider](#) (Chair), CEPN, France

[Sebastien Baechler](#) (Member), Federal Office of Public Health, Switzerland

[Ik Jae Chung](#) (Member), Seoul National University of Science & Technology, Korea

[Toshimitsu Homma](#) (Member), Nuclear Regulation Authority, Japan

[Carl-Magnus Larsson](#) (Member), Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), Australia

[Bernard Le Guen](#) (Member), France

[Reinhard Loose](#) (Member), Hospital Nuremberg, Germany

[Nicole Martinez](#) (Member), Clemson University, USA

[Haruyuki Ogino](#) (Member), Nuclear Regulation Authority, Japan

[Werner Rühm](#) (Chair), Helmholtz Zentrum München, Germany

[Shoji Tsuchida](#) (Member), Kansai University (Graduate School and Faculty of Societal Safety Sciences), Japan

[Jessica Wieder](#) (Member), U.S. Environmental Protection Agency, USA

[Momo Takada](#) (Member (Mentee)), National Institute of Advanced Industrial Science and Technology (AIST), JAPAN

Task Group 115

Risk and Dose Assessment for Radiological Protection of Astronauts

[Werner Rühm](#) (Chair), Helmholtz Zentrum München, Germany

[Chunsheng Li](#) (Secretary), Health Canada, CANADA

[Nobuhiko Ban](#) (Member), Nuclear Regulation Authority, Japan

[Marco Durante](#) (Member), Germany

[Tatsuto Komiyama](#) (Member), Japan Aerospace Exploration Agency, Japan

[Kotaro Ozasa](#) (Member), Radiation Effects Research Foundation, Japan

[Tatsuhiko Sato](#) (Member), Japan Atomic Energy Agency (JAEA), Japan

[Edward Semones](#) (Member), USA

[Vyacheslav Shurshakov](#) (Member), Russian Federation

[Ulrich Straube](#) (Member), European Space Agency , Germany

[Leena Tomi](#) (Member), Canadian Space Agency , Canada

[Alexander Ulanowski](#) (Member), International Atomic Energy Agency, Austria

[Ludovic Vaillant](#) (Member), CEPN, France

[Zhenhua Xu](#) (Member), State Nuclear Security Technology Center (retired), China

Review & Refinement of the System of Radiological Protection

Workshop;
Webinar;
Consultation;
etc.

Develop specific areas
through wide and deep
engagement

Draft and consult on
new
fundamental
recommendations

Identify areas
that need
attention

about a decade

事務局として

- 論文等の投稿
- プロジェクトへの参加
- 学会、研究会への参加
- ICRP主催のワークショップ、ウェビナー、シンポジウム等への参加
- メンターシッププログラムへの参加
(<https://icrp.org/page.asp?id=465>)