

# ICRP

## Structure and Mission of ICRP

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ICRP Symposium on Radiological Protection Dosimetry

University of Tokyo

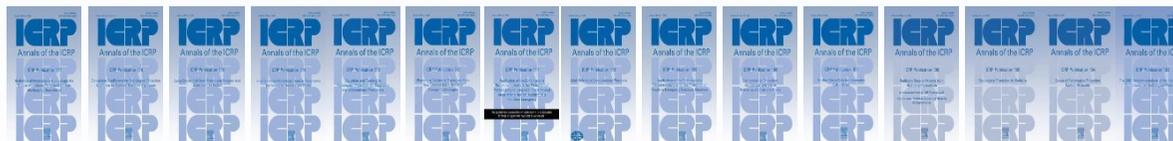
John Harrison  
Public Health England, UK

# ICRP

- **Founded in 1928, International X-ray and Radium Protection Committee**
- **Renamed International Commission on Radiological Protection ICRP in 1950**
- **Registered charity UK**

# ICRP Mission

**Advance for the public benefit the science  
of radiological protection, in particular by  
providing recommendations and guidance  
on all aspects of protection against ionising  
radiation**

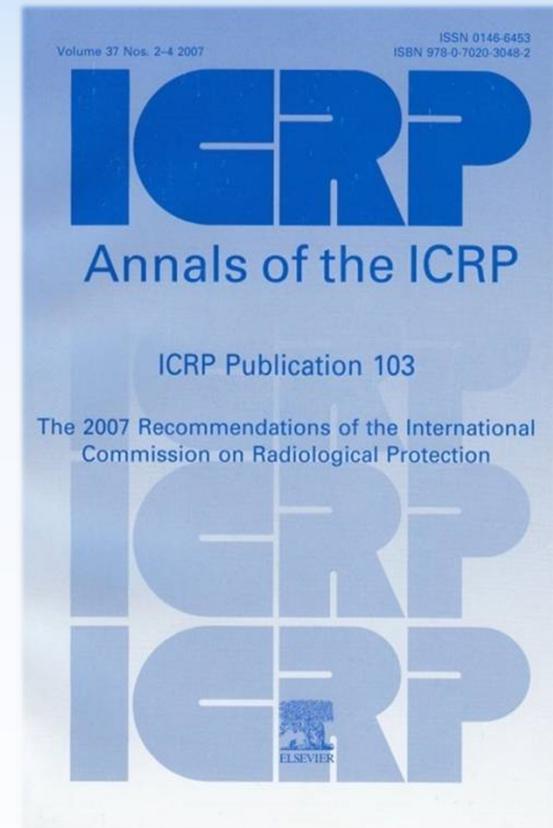


# Primary Aim of the Recommendations

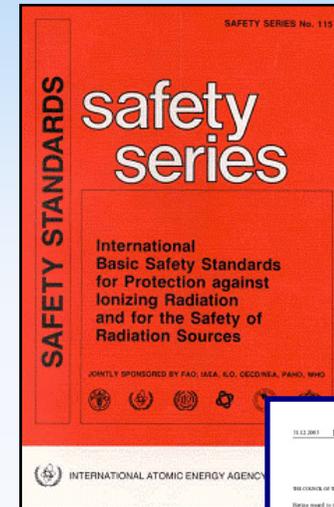
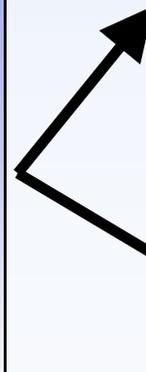
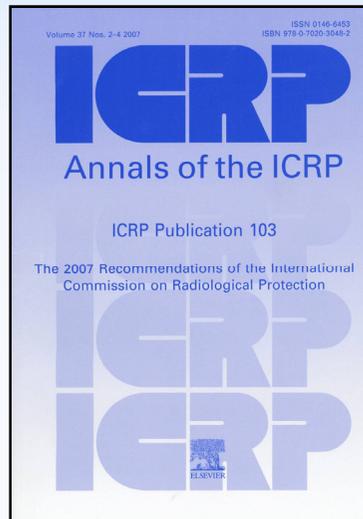
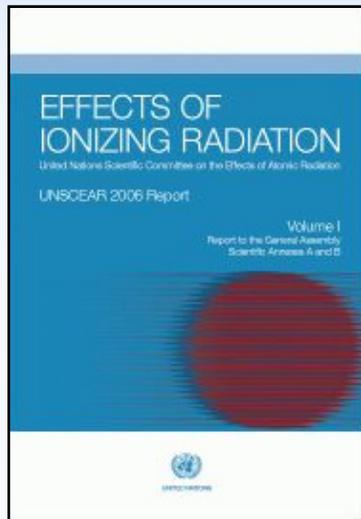


# System of Radiological Protection

- Forms the basis of radiation safety standards, legislation, guidance, programmes, and practice worldwide
- Last updated in *ICRP Publication 103* (2007)
- Based on science, ethical and social values, and experience



# Science, policy, regulations



**UNSCEAR Reports  
on doses and effects**

**Science**



INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION

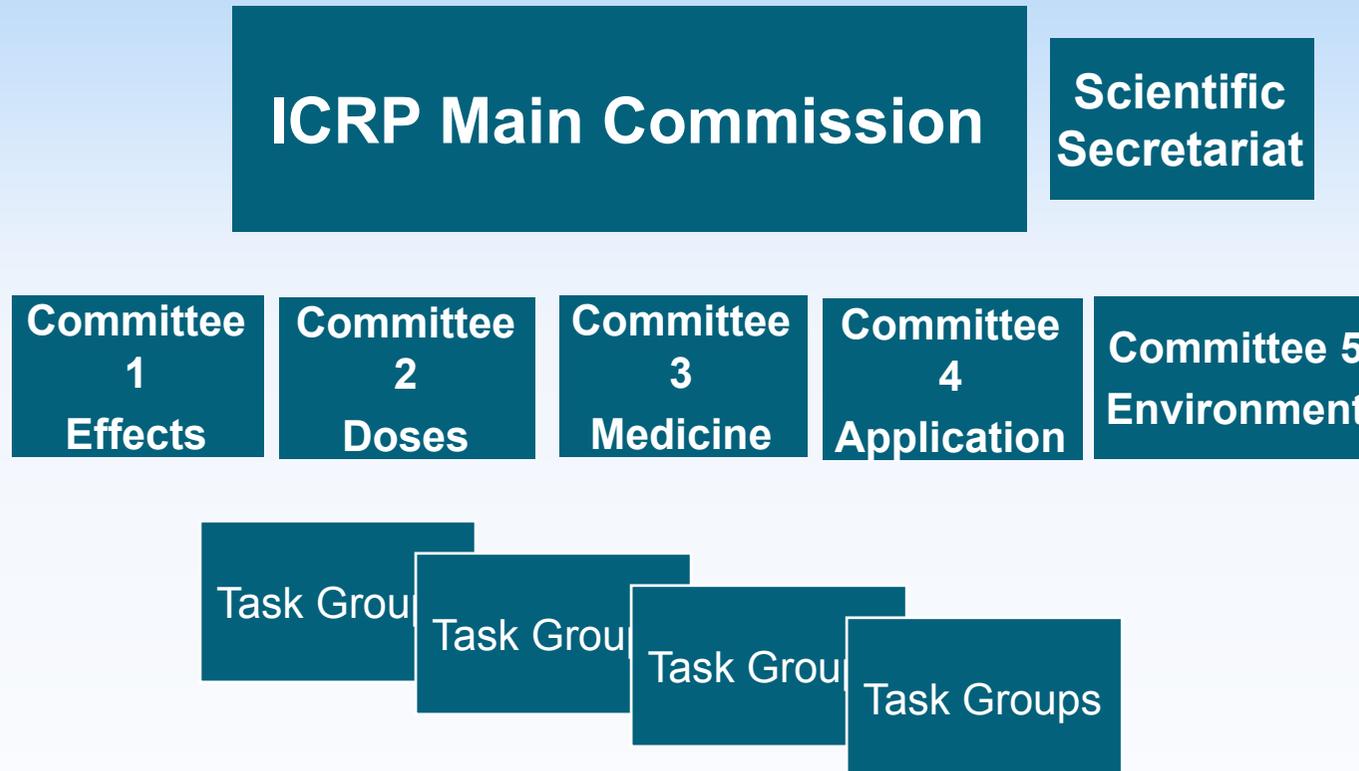
**ICRP  
Recommendations**

**Policy**

**UN, EU Basic  
Safety Standards**

**Regulations**

# ICRP Structure



**More than 230 experts in radiological protection science and policy  
from 33 countries and six continents**

# Structure of ICRP, 2013 – 2017

## Main Commission

*Chair: Claire Cousins, UK*

*Vice-Chair: Jacques Lochard, France*

*John Boice, USA*

*Jai-Ki Lee, South Korea*

*Hua Lui, China*

*Hans-Georg Menzel, Switzerland*

*Ohtsura Niwa, Japan*

*Sergey Romanov, Russia*

## Scientific Secretariat

*Chris Clement*

*Nobuyuki Hamada*

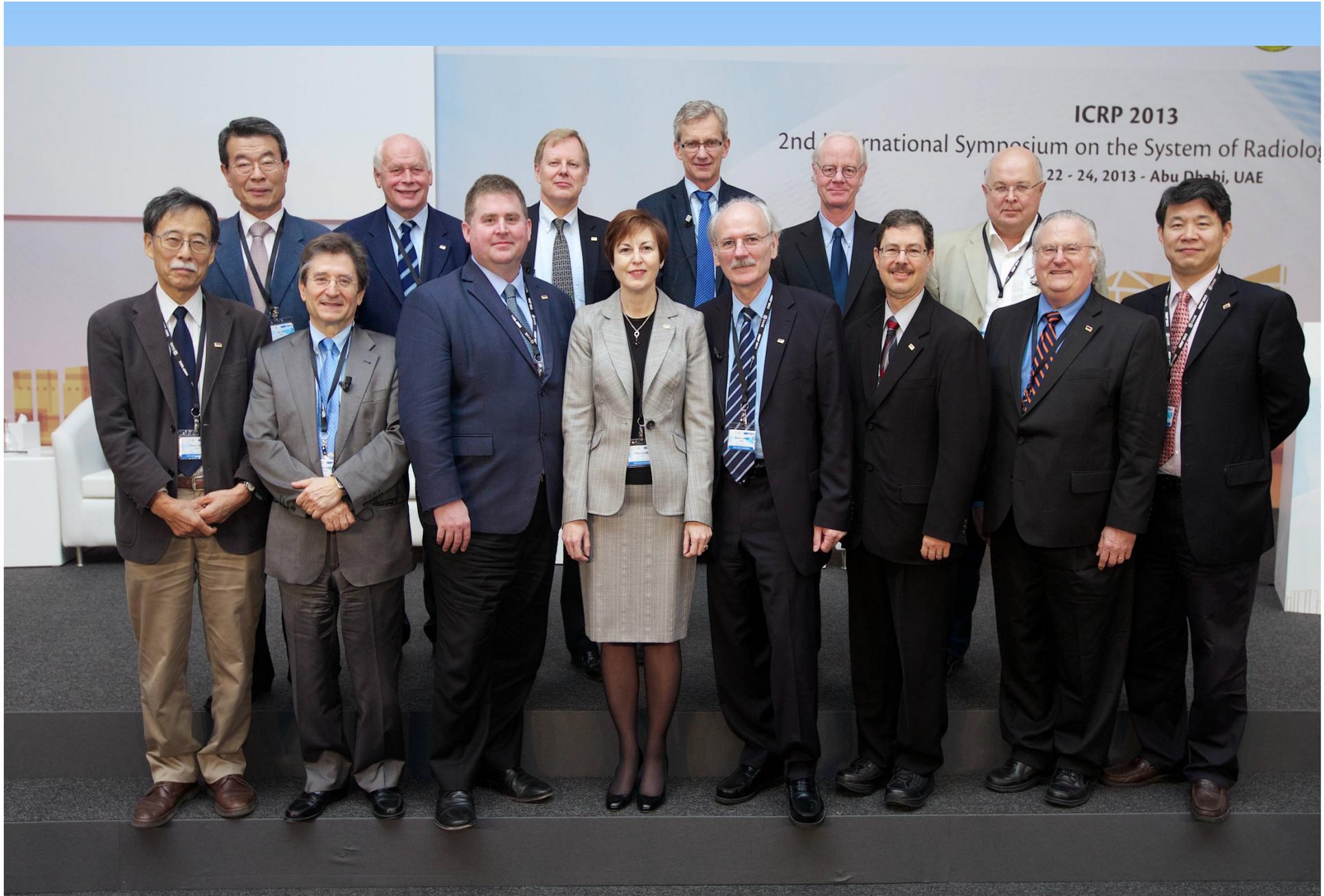
**C1 - Radiation Effects** *William Morgan, USA ; now Werner Rühm, Germany*

**C2 - Doses from Radiation Exposure** *John Harrison, UK*

**C3 - Protection in Medicine** *Eliseo Vano, Spain*

**C4 - Application of ICRP Recommendations** *Don Cool, USA*

**C5 - Protection of the Environment** *Carl-Magnus Larsson, Australia ; now Kathy Higley, USA*



# Committee 2 Remit

**Committee 2** develops reference models and data, including dose coefficients, for the assessment of exposures to radiation from both internal and external sources

- Large programme of work to replace all published dose coefficients following :

**Publication 103** The 2007 Recommendations of the International Commission on Radiological Protection. Ann ICRP 37 (2-4) 2007

# Membership 2013 - 17

John Harrison (Chairman) UK  
François Paquet (Vice-Chairman) France  
Wesley Bolch (Secretary) USA

Mike Bailey UK

Vladimir Berkovski Ukraine

Luiz Bertelli USA

Doug Chambers Canada

Marina Degteva Russia

Akira Endo Japan

John Hunt Brazil

Chan Hyeong Kim Korea

Rich Leggett USA

Jizeng Ma China

Dietmar Noßke Germany

Nina Petoussi-Henss Germany

Frank Wissmann Germany



# Task Groups of Committee 2

- TG 36 – Radiopharmaceuticals (C2/C3)  
Dietmar Nosske + Sören Mattsson
- TG 79 – Effective Dose  
John Harrison
- TG 90 – Dose Coefficients for External Environmental Exposures  
Nina Petoussi-Henss
- TG 95 – Internal Dose Coefficients (IDC)  
François Paquet
- TG 96 – Computational Phantoms and Radiation Transport (CPRT)  
Wes Bolch

# ICRP

thanks

THE NIPPON FOUNDATION

for financial support



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