

Cameroon Radiological Protection Society

P.O. Box 4110 Yaoundé, Cameroon

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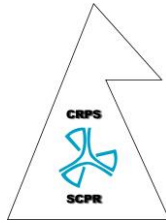
**PROPOSAL SUMMARY TO APPLY FOR THE IRPA EXECUTIVE COUNCIL:
TERM 2020-2024**

Dear Delegates of the General Assembly of IRPA 15

My name is SAÏDOU, born on February 20, 1978 in Cameroon. Currently I am Associate Professor in Nuclear Physics/Dosimetry/Radiation Protection at Physics Department/Faculty of Science/University of Yaoundé I, Ministry of Higher Education, Cameroon. I applied for Full Professorship on May 2021. I am also the Head of the Research Centre on Nuclear Sciences and Technology/Institute of Geological and Mining Research, Ministry of Scientific Research and Innovation since 2008. From this date, I am involved in various projects in nuclear sciences and technology in Cameroon within the framework of Technical Cooperation with the International Atomic Energy Agency (IAEA). I developed good collaboration on radiation protection issues with Hirosaki University in Japan and the Institute of Radiation Physics in Lausanne, Switzerland where I carried out my PhD work from 2004 to 2007. Besides, I am member of the Radiation Protection Society of the French-Speaking part of Switzerland.

I attended IRPA13 in Glasgow in 2012. My participation as Young Professional was partly funded by IRPA where I met members of IRPA EC 2012-2016. Dr Roger COATES and Dr Bernard LE GUEN strongly encouraged me to create an Association based on IRPA Associate Society model. It was done and the association was admitted as 49th IRPA AS in 2013. Cameroon Radiological Protection Society (CRPS) organizes yearly activities to promote radiation protection in Cameroon and neighboring countries such as Chad Republic, Congo-Brazzaville, and Central Africa Republic.

I attended the Regional IRPA Congresses AFRIRPA4 in Morocco and AFRIRPA5 in Tunisia where I had oral presentations. I contributed to the success of the above events as Rapporteur of session. As Corresponding Member of the International Congress Programme Committee (ICPC) of IRPA15, I have reviewed 19 abstracts before the deadline fixed by the ICPC. We have submitted three abstracts with my PhD students and members of CRPS. All the three



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abstracts were accepted for oral. Furthermore, I will chair the session 2 of Topic 7 on Existing Exposures during IRPA15.

Currently I lead a young and well skilled team strongly motivated to work for the promotion of radiation protection in Cameroon and neighboring countries. The tripartite association “Cameroon Radiological Protection Society+ Institute of Geological and Mining Research+ University of Yaoundé I” is efficient and well adapted for the promotion of radiation protection in the sub-region of central Africa

With my experience acquired since 2002 on radiation protection, I am ready to work for the world by joining the IRPA EC 2020-2024. I am sure I have something to bring contributing to promote radiation protection in the world. Responsibilities of an IRPA EC member are not an easy task. I have a motivated team in radiation protection at the national level. For having attended more than forty international scientific events, I have a good network among radiation protection professionals around the world. I know personally experts from Africa, America, Asia, Australia, and Europe. I also know individually most of IRPA EC 2012-2016, 2016-2020 members. IRPA is like a family for me. I will use the above advantages to serve IRPA with honor, fidelity and engagement as EC 2020-2024 member.

For the reasons mentioned above I am ready to join IRPA EC to contribute to the safe use of ionizing radiation in the world to improve the human well-being.

Thank you for your support to make my dream a reality.

Kind regards.

SAÏDOU

CURRICULUM VITAE (CV)

Name and surname: SAÏDOU

Date and place of birth: 20-02-1978, Cameroon

Nationality: Cameroonian

Gender and status: Male, Married



(ICRR 2015, Kyoto, Japan)

PROFESSIONAL EXPERIENCE

From January 2021: Has applied for full Professorship in Nuclear Physics, Dosimetry and Radiation Protection, Physics Department, Faculty of Science, University of Yaoundé I, Cameroon.

From January 2021: Head of the Research Centre for Nuclear Sciences and Technology (Former Nuclear Technology Section), Institute of Geological and Mining Research, Yaoundé, Cameroon.

Since May 2019: Member of the Commission on Technologies of Energy, Mines, and Environment, National Committee of Technological Development, Ministry of Scientific Research and Innovation, Cameroon.

From September 2017: Member of the Scientific Commission on Physical Sciences, Consultative Committee of University Institutions, Ministry of Higher Education, Cameroon.

From March 2017: Reviewer of PhD theses in Atomic and Nuclear Physics, Dosimetry, Radiation Protection.

From December 2016: Associate Professor in Nuclear Physics, Dosimetry and Radiation Protection, Physics Department, Faculty of Science, University of Yaounde I (UYI), Cameroon.

December 2011-November 2016: Senior Lecturer, Physics Department, Faculty of Science, University of Yaounde I (UYI), Cameroon.

February 2009-November 2011: Lecturer, Physics Department, Faculty of Science, University of Yaounde I, Cameroon.

From July 2008: Section Head, Nuclear Technology Section, Institute of Geological and Mining Research (IRGM), Yaounde, Cameroon.

From June 2013: President of Cameroon Radiological Protection Society (CRPS), 49th IRPA Associate Society. (IRPA: International Radiological Protection Association)

September 2009- March 2010: IAEA Fellow, Institute of Radiation Protection and Dosimetry, Rio de Janeiro, Brazil.

October 2004- October 2007: Research Assistant and Ph. D Student, Institute of Radiation Physics, Lausanne, Switzerland.

From February 2003- February 2009: Researcher, Nuclear Technology Section, Institute of Geological and Mining Research, Yaounde, Cameroon.

From 2010: Review for Elsevier: Journal of Environmental Radioactivity, Science of the Total Environment, Arabian Journal of Chemistry, Built and Environment, Microchemical Journal, Cambridge Journals: Radioprotection, Oxford Journals: Radiation Protection Dosimetry, Springer: Food Analytical Methods)

From 2010: Supervisor of 20 Ph.D and 30 MSc. Students in Radiological Sciences (Environmental Radioactivity, Radiation Protection, Internal Dosimetry, Ionizing Radiation Metrology).

From 2008: Project Leader in Nuclear Sciences and Technology (IAEA, UNESCO, and Japan)

From 2007: Teaching skills in Nuclear Physics, Radiation Physics, Radiation Protection, Radiation Dosimetry, and Quantum Mechanics.

From 2005: Attendee to more than 50 International Scientific Events in Nuclear Sciences and Technology.

PROFESSIONAL ADDRESS

1- Research Centre for Nuclear Sciences and Technology, Institute of Geological and Mining Research, P.O. Box 4110 Yaounde, Cameroon

2- Nuclear Physics Laboratory, Department of Physics, Faculty of Science, University of Yaounde I, P.O. Box 812 Yaounde, Cameroon

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FORMAL EDUCATION

Post Doc (IAEA Fellow), National Laboratory for Ionizing Radiation Metrology, Institute of Radiation Protection and Dosimetry, Rio de Janeiro, Brazil (15 Sept. 2009-14 Mar. 2010).

Field of Research: Radionuclide Standardization, Calibration of ionization chambers and instruments used in Radiotherapy and Radiation Protection.

Ph. D in Physics, Institute of Radiation Physics (IRA), University of Lausanne, Lausanne, Switzerland &

Centre for Atomic Molecular Physics and Quantum Optics (CEPAMOQ), University of Douala, Cameroon, Nov. 2007.

Title of PhD Thesis: Environmental Natural Radioactivity Measurements by α - and γ -spectrometry and Dose Calculations to the Public: application to the uranium-bearing region of Poli, Cameroon.

MSc in Physics (Matter and Radiation, Dosimetry and Radiation Protection), CEPAMOQ, Douala, Cameroon, June 2003, *Title of MSc thesis:* Deformed and Superdeformed Nuclei: case of ^{197}Pb .

Master I in Physics (Matter and Radiation), Faculty of Science, University of Yaounde I, Cameroon, Aug. 2001.

Bachelor of Science in Physics, Faculty of Science, University of Yaounde I, Cameroon, Sept. 2000.

General Certificate of Education (Mathematics and Physics), Government High School of Tibati, Cameroon, June 1997.

COMPLEMENTARY EDUCATION

30 April-11 May 2018: IAEA-Argonne “Training Course on the Theory and Practical Application of RESRAD-BIOTA and Other Codes in the RESRAD Family for the Determination of Dose, Risk and Authorized Limits at Radioactively Contaminated Sites”, Argonne, Illinois, USA.

03-06 November 2009: Training on Statistical Methods in Ionizing Radiation Metrology, Institute of Radiation Protection and Dosimetry, Rio de Janeiro, Brazil.

22-24 July 2009: IAEA Regional Training Course on Information and Computer Security for Nuclear Organization Managers, Tunis, Tunisia.

01-05 December 2008: IAEA National Training on Radioisotopes Techniques as applied in Industry and Environment, Douala, Cameroon.

25-29 August 2008: IAEA Regional Training Course on Radiological Monitoring of Workplaces, Rabat, Morocco.

17-21 May 2008: IAEA Regional Training Course on Radiotracer Applications in Petrochemical Industry, Algiers, Algeria.

05 October 2007: Statistics applied to Radioactivity and Dose rate Measurements, Lausanne, Switzerland.

30 May 2007: Advanced Course for Experts in Radiation Protection: Bioassay Measurements of the Internal Contamination, Lausanne, Switzerland.

07 June 2006: Advanced Course for Experts in Radiation Protection: Transport of Radioactive Materials, Lausanne, Switzerland.

13 May 2006: Seminar on the Evolution of Techniques and Doses in Computed Tomography (PRORAME Foundation), Lausanne, Switzerland.

05-16 Sept. 2005: Training for Expert in Radiation Protection, Lausanne, Switzerland.

PARTICIPATION TO INTERNATIONAL CONGRESSES, CONFERENCES, TECHNICAL MEETINGS, WORKSHOPS, SCIENTIFIC VISITS...

19-30 October 2020: IAEA Virtual International Conference on the Management of Naturally Occurring Radioactive Materials in Industry, Vienna, Austria.

25-29 June 2018: IAEA International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues (URAM-2018), Vienna, Austria.

30 April-11 May 2018: IAEA-Argonne “Training Course on the Theory and Practical Application of RESRAD-BIOTA and Other Codes in the RESRAD Family for the Determination of Dose, Risk and Authorized Limits at Radioactively Contaminated Sites”, US DOE, Argonne, Illinois, USA.

10-11 April 2018: Reporting Meeting on the UNESCO-SIDA Project on Abandoned Mines in Africa, Nairobi, Kenya.

26-28 November 2017: International workshop on natural radiation exposure to the public and its health effects, Yaounde, Cameroon

2-6 October 2017: IAEA Technical Meeting on Trends in Analytical Applications of Synchrotron Based X-Ray Spectrometry Techniques and Developments in the Supporting Instrumentation, Vienna, Austria.

18-21 October 2016: 8th International Symposium on Naturally Occurring Radioactive Materials (NORM8), Rio de Janeiro, Brazil.

23-27 May 2016: IAEA International Conference on Advancing the Global Implementation of Decommissioning and Environmental Remediation Programmes, Madrid, Spain.

30 November-04 December 2015: IAEA Technical Meeting on the Development of Nuclear Instrumentation for In Situ Environmental Monitoring Programmes, Vienna, Austria

31 August-04 September 2015: 8th International Symposium on Risk: Detection and Management, Dresden, Germany.

25-29 May 2015: International Congress of Radiation Research (ICRR2015), Kyoto, Japan.

1-3 October 2014: Scientific Visit, University of Kagoshima, Kagoshima, Japan.

29 September 2014: Scientific Visit at the Institute of Radiation Emergency Medicine, University of Hirosaki, Japan

22-26 September 2014: 9th International Symposium on Natural Radiation Environment (NRE9), Hirosaki, Japan.

13-17 September 2014: 4th IRPA Regional Congress (AFRIRPA04), Rabat, Morocco.

17-21 February 2014: IAEA International Experts Meeting (IEM6) on Radiation Protection after the Fukushima-Daiichi nuclear accident, Vienna, Austria.

26-30 August 2013: IAEA Technical Meeting on Advances in nuclear instrumentation and methods applied for environmental applications and their adoption in the Developing Member States with emerging interest in nuclear power, Vienna, Austria.

23-25 July 2013: 4th National Conference of Scientific Research and Innovation, Yaounde, Cameroon.

25-29 June 2013: 3rd IGCP/SIDA/UNESCO/MUT Project 606 Workshop: addressing environmental health impacts of mining in sub-Saharan Africa through improvements in mitigation and rehabilitation techniques, Yaounde, Cameroon.

03-08 March 2013: 7th International Symposium on Hazards: Detection and Management, Dresden, Germany.

13-18 May 2012: 13th International Congress of the International Radiological Protection Association (IRPA), Glasgow, Scotland, United Kingdom.

29 February-03 March 2012: International Symposium on Natural Radiation Exposures and Low Dose Radiation Epidemiological Studies (NARE 2012), Hiroasaki, Japan.

23-25 May 2011: IAEA Second African Conference on Radioisotope Applications, Pretoria, South Africa.

26-27 May 2011: Coordination Meeting of the IAEA Regional project on Industrial applications of radioisotopes (RAF8040), Pretoria, South Africa.

14-19 May 2011: Scientific Visit on Radionuclide Standardization, Environmental Radioactivity and Radiation Protection, Institute of Radiation Physics, Lausanne, Switzerland.

09-13 May 2011: IAEA Technical Meeting on the Infrastructures needed for use of nuclear instruments in the laboratories of developing Member States for Environmental sampling, IAEA, Vienna, Austria.

09-12 November 2010: IAEA International Symposium on Standards, Applications and Quality Assurance in Medical Radiation Dosimetry, IAEA, Austria, Vienna.

05-09 October 2010: IAEA Workshop on Evaluation of Human Resources Development in Nuclear Sciences and Technology, Abuja, Nigeria.

25-30 September 2010: Scientific Visit on Radionuclide standardization, Environmental Radioactivity and Radiation Protection, Institute of Radiation Physics, Lausanne, Switzerland.

20-24 September 2010: 54th IAEA General Conference, IAEA Headquarters, Vienna, Austria.

05-09 July 2010: AFRA (IAEA supported service for Africa) 21st Technical Working Group Meeting, Abuja, Nigeria.

9-13 November 2009: Fifth Brazilian Congress of Metrology, Salvador-Bahia, Brazil.

18-22 May 2009: IAEA International Conference on Remediation of Land Contaminated by Radioactive Material Residues, Astana, Kazakhstan.

10-12 December 2008: IAEA Technical Meeting / Workshop on Evaluation Methodology for Nuclear Power Infrastructure Development, Vienna, Austria.

23-27 April 2007: IAEA International Conference on Environmental Radioactivity: From measurements and assessments to regulation, Vienna, Austria.

14 November 2006: IRA-PSI (Paul Scherrer Institute) joint seminar, Lausanne, Switzerland.

17-18 Nov. 2005: Annual Congress of Swiss Society of Radiobiology and Medical Physics, Lausanne, Switzerland.

05 May 2005: Paul Scherrer Institute (PSI)-IRA joint seminar on Radiological Protection, Villigen, Switzerland.

14-15 April 2004: Conference on the Contribution of the Nuclear Technologies in Fight against Poverty in Cameroon, Ministry of Scientific Research and Innovation (Technical Cooperation with the IAEA), Yaounde, Cameroon.

17-21 March 2003: IAEA Regional Meeting on Nuclear Waste Management, Douala, Cameroon.

COMMUNICATIONS (SESSION CHAIR, RAPORTEUR, INVITED SPEAKER, ORAL, POSTER)

15-16 December 2020: IAEA Virtual Consultancy Meeting to Plan Coordinated Activities for the Coordinated Research Project on Advancing Maintenance, Repair, and Calibration of Radiation Detection Equipment, Oral (Maintenance and Electrical Calibration of Radiation Detection Equipment Using External Pulse Generators).

19-30 October 2020: IAEA Virtual International Conference on the Management of NORM in Industry (NORM2020), *Oral* (Running the environmental monitoring programme in Cameroon: From exploration and mining to site characterization and remediation), Vienna, Austria.

24-28 September 2019: 9th International Conference on NORM (NORM9), *Oral* (Natural radiation exposure due to radon and thoron indoors in the mining and ore bearing regions of Cameroon: from measurement, inhalation dose assessment to a national radon plan), Denver, United States.

18-22 March 2019: Scientific visit on running the national radon action plan, *Oral*, Institute of Radiochemistry and Radio-ecology, University of Pannonia, Veszprem, Hungary.

06-09 September 2018: 5th African Congress of the International Radiological Protection Association (AFRIRPA05), *Rapporteur+ Oral*, Tunis, Tunisia.

02-04 July 2018: Scientific Visit at Spiez Laboratory, *Oral* (Natural radiation exposure to the public in mining and ore bearing regions of Cameroon), Spiez, Switzerland.

25-29 June 2018: IAEA International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues (URAM-2018), *Oral* (Natural radiation exposure to the public in the uranium and thorium bearing regions of Cameroon: From measurements, dose assessment to a national radon plan), Vienna, Austria.

26-28 November 2017: International workshop on natural radiation exposure to the public and its health effects, *Session Co-chair+ Oral* (Natural radioactivity and radiation dose to the public in mining and ore bearing regions of Cameroon), Yaounde, Cameroon.

18-21 October 2016: 8th International Symposium on Naturally Occurring Radioactive Materials (NORM8), *Oral-Poster* (Car-borne survey in the uranium bearing region of Poli, Cameroon: external radiation dose assessment and radiological mapping), Rio de Janeiro, Brazil.

23-27 May 2016: International Conference on Advancing the Global Implementation of Decommissioning and Environmental Remediation Programmes, *Poster* (Natural radiation monitoring in the gold mining, uranium, and thorium regions of Cameroon: from measurements, dose assessment to radiation protection), Madrid, Spain.

30 November-04 December 2015: IAEA Technical Meeting on the Development of Nuclear Instrumentation for In Situ Environmental Monitoring Programmes, *Oral* (Natural Radiation Exposure to the Public in the Uranium and Thorium Regions of Cameroon) Vienna, Austria

31 August-04 September 2015: 8th International Symposium on Risk: Detection and Management, *Oral* (Natural Radiation Survey in the Uranium and Thorium bearing Regions of Cameroon), Dresden, Germany.

25-29 May 2015: International Congress of Radiation Research (ICRR2015), *Invited Speaker* (Natural Radiation Survey in the Uranium and Thorium Regions of Cameroon), Kyoto, Japan

1-3 October 2014: Scientific Visit, University of Kagoshima, *Oral* (Indoor Radon Exposure in Cameroon), Kagoshima, Japan.

22-26 September 2014: 9th International Symposium on Natural Radiation Environment (NRE9), *Session Co-Chair and Oral* (Comparative study of natural radiation exposure to the public in three uranium and oil regions of Cameroon), Hiroasaki, Japan.

13-17 September 2014: 4th IRPA Regional Congress, *Rapporteur+ Oral* (Comparative study of natural radiation exposure to the public in three uranium and oil regions of Cameroon), Rabat, Morocco.

17-21 February 2014: IAEA International Experts Meeting on Radiation Protection after the Fukushima-Daiichi nuclear accident, *Session Co-chair*, Vienna, Austria.

26-30 August 2013: IAEA Technical Meeting on Advances in nuclear instrumentation and methods applied for environmental applications and their adoption in the Developing Member States with emerging interest in nuclear power, *Oral* (Radioactivity measurements and total dose assessment in the oil region of Bakassi, Cameroon), Vienna, Austria.

23-25 July 2013: 4th National Conference of Scientific Research and Innovation, *Oral* (Natural Radioactivity in the uranium and oil regions of Cameroon: radiological risk assessment), Yaoundé, Cameroon.

25-29 June 2013: 3rd IGCP/SIDA/UNESCO/MUT Project 606 Workshop: addressing environmental health impacts of mining in sub-Saharan Africa through improvements in mitigation and rehabilitation techniques, *Oral* (Indoor radon measurements in the uranium and oil regions of Cameroon and preliminary risk assessment), Yaoundé, Cameroon.

03-08 March 2013: 7th International Symposium on Hazards: Detection and Management, *Oral* (Indoor radon measurements of the uranium and oil bearing regions of Cameroon and preliminary related risk assessment), Dresden, Germany.

13-18 May 2012: 13th International Congress of the International Radiological Protection Association (IRPA), *Poster* (Ingestion dose coefficient update and uncertainty assessment in biokinetic and dosimetric models of α , β , $\alpha\gamma$, and $\beta\gamma$ -emitters), Glasgow, Scotland, United Kingdom.

29 February-03 March 2012: International Symposium on Natural Radiation Exposures and Low Dose Radiation Epidemiological Studies (NARE 2012), *Oral* (Ingestion dose coefficient update of ^{238}U , ^{210}Pb , ^{210}Po and uncertainty assessment in biokinetic and dosimetric models of α , β , $\alpha\gamma$, and $\beta\gamma$ -emitters), Hiroasaki, Japan.

23-25 May 2011: IAEA 2nd African Conference on Radioisotope Applications, *Oral*, Pretoria, South Africa.

09-13 May 2011: IAEA Technical Meeting on the Infrastructures needed for use of nuclear instruments in the laboratories of developing Member States for Environmental sampling, *Oral* (Environmental survey using gamma and EDXRF spectrometry in Cameroon), IAEA, Vienna, Austria.

09-12 November 2010: IAEA International Symposium on Standards, Applications and Quality Assurance in Medical Radiation Dosimetry, *Poster* (Uncertainty assessment in biokinetic and dosimetric models of ^{210}Po : new ingestion dose coefficients), IAEA, Austria, Vienna.

05-09 July 2010: 21st AFRA Technical Working Group Meeting, *Oral*, Abuja, Nigeria.

18 January 2010: *Oral* (Radionuclide standardization), Institute of Radiation Protection and Dosimetry, Rio de Janeiro, Brazil.

18-22 May 2009: IAEA International Conference on Remediation of Land Contaminated by Radioactive Material Residues, *Oral* (NORM Measurements), Astana, Kazakhstan.

23-27 April 2007: IAEA International Conference on Environmental Radioactivity: From measurements and assessments to regulation. *Poster* (Environmental Natural Radioactivity Measurements by alpha and gamma Spectrometry and Dose calculations to the Public: application to an Uranium Region of North Cameroon), Vienna, Austria.

14 November 2006: IRA-PSI (Paul Scherrer Institute) joint seminar, *Oral* (Calibration of an HPGe Spectrometer for ^{210}Pb and Measurement of ^{210}Po in Environmental Samples), Lausanne, Switzerland.

10 February 2006: *Oral* (Comparative study of alpha and gamma Spectrometry for Environmental Natural Radioactivity surveys), Lausanne, Switzerland.

29 August 2005: *Oral* (Determination of natural radioactivity in soil and foodstuffs samples by alpha and gamma spectrometry), Douala, Cameroon.

List of publications

1. Saïdou, Bochud F, Laedermann J-P, Buchillier T, Kwato Njock M, Froidevaux P* (2007). Calibration of an HPGe detector and self-attenuation correction for ^{210}Pb : verification by alpha spectrometry of ^{210}Po in environmental samples. Nuclear Instruments and Methods in Physics Research A 578, 515-522.
2. Saïdou, Bochud F, Laedermann J-P, Kwato Njock M, Froidevaux P* (2008). A Comparison of alpha and gamma spectrometry for environmental natural radioactivity surveys. Applied Radiation and Isotopes 66, 215-222.
3. Saïdou*, Bochud F, Baechler S, Kwato Njock M, Ngachin M, Froidevaux P (2011). Natural Radioactivity measurements and dose calculations to the public: case of the uranium-bearing region of Poli in Cameroon. Radiation Measurements 46, 254-260.
4. Saïdou* (2012). Uranium: From Occurrence, Mining, Human Exposure to Remediation. ISBN: 978-1-62081-207-5. Nuclear Materials and Disaster Research, Nova Publishers, New York, USA.
5. Tchente Siaka YF, Saïdou*, Yakum-Ntaw Younui, Kenmoe Nganmoue X, Abdourahimi (2013). Monitoring of Particulate Matter and Analysis of Black Carbon and Some Particle Containing Toxic Trace in the City of Yaoundé, Cameroon. Asian Journal of Atmospheric Environment, Vol. 7-2, pp.120-128.
6. Saïdou*, Bochud F, Baechler S, Kwato Njock M, Froidevaux P (2014). Baseline Radiological Survey of the Uranium bearing Region of Poli (Northern Cameroon). Proceedings of the International Conference on Remediation of Land Contaminated by Radioactive Material Residues, 18-22 May 2009, Astana, Kazakhstan. ISBN 978-92-0-142310-8

7. Saïdou*, Abdourahimi, Tchente Siaka YF, Bouba O (2014). Indoor radon measurements in the uranium regions of Poli and Lolodorf, Cameroon. *Journal of Environmental Radioactivity* 136, 36-40.
8. Saïdou*, Abdourahimi, Tchente Siaka YF, Kwato Njock MG (2015). Natural Radiation Exposure of the Public in the oil-bearing Bakassi Peninsula, Cameroon. *Radioprotection*, Vol 50 (2015), 35-41.
9. Saïdou*, Tokonami S, Janik M, Bineng G, Abdourahimi, Ndjana Nkoulou II J (2015). Radon-Thoron discriminative measurements in the high natural radiation areas of Southwestern Cameroon. *Journal of Environmental Radioactivity* 150, 242-246.
10. Saïdou*, Elé Abiama P, Shinji Tokonami (2015). Comparative study of natural radiation exposure in three uranium and oil regions of Cameroon. *Radioprotection*, DOI: 10.1051/radiopro/2015017
11. Saïdou*, Tokonami S, Elé Abiama P. Natural Radiation Survey in the uranium and thorium bearing regions of Cameroon (2016). *Radiation Environment and Medicine* Vol.5, N°1 53–58.
12. Abdourahimi*, Saïdou, Fantong Yetoh W, Aka Tongwa F, Kwato Njock M. Environmental pollution by metals in the oil bearing Bakassi Peninsula, Cameroon (2016). *Carpathian Journal of Earth and Environmental Sciences*.
13. Atangana Bingana Martin Serge, Saïdou*, Dallou Guy Blanchard, Oumarou Bouba, Kwato Njock Moïse Godfroy (2017). Analytical derivation of the overall uncertainty in biokinetic and dosimetric models of α -, β -, $\alpha\gamma$ - and $\beta\gamma$ - emitters. *Radiation Environment and Medicine* Vol. 6, No. 1.
14. Dallou Guy Blanchard, Ngoa Engola Louis, Ndjana Nkoulou II Joseph Emmanuel, Saïdou*, Tchente Siaka Yvette Flore, Bongue Daniel, Kwato Njock Moïse Godfroy (2017). NORM measurements and radiological hazard assessment in the gold mining areas of East-Cameroon. *Radiation Environment and Medicine* Vol. 6, No. 1.
15. Ngoa Engola Louis, Ndjana Nkoulou II Joseph Emmanuel, Masahiro Hosoda, Bongue Daniel, Saïdou*, Naofumi Akata, Koukong Heya, Kwato Njock Moïse Godfroy, Shinji Tokonami (2018). Air Absorbed Dose Rate Measurements and External Dose Assessment by Car-Borne Survey in the Gold Mining Areas of Betaré-Oya, Eastern-Cameroon. *Japanese Journal of Health Physics* 53(1), 200-209.
16. Ndjana Nkoulou II Joseph Emmanuel, Feutseu Talla Simplicie, Bineng Guillaume Samuel, Manga André, Tchente Siaka Yvette Flore, Saïdou* (2018). Natural radioactivity measurements in soil, external dose and radiological hazard assessment in the uranium and thorium bearing region of Lolodorf, Cameroon. *Radioisotopes* 67, 1-12.
17. Atangana Bingana Martin Serge, Saïdou*, Oumarou Bouba (2018). Taking into account of the correlation between absorbed fractions in uncertainty assessment in biokinetic and dosimetric models of α , β , $\alpha\gamma$ and $\beta\gamma$ - emitters. *Radiation Environment and Medicine* Vol.7, No.2 110–116.
18. Takoukam Soh Serge Didier, Saïdou*, Masahiro Hosoda, Ndjana Nkoulou II Joseph Emmanuel, Naofumi Akata, Oumarou Bouba and Shinji Tokonami (2018). Natural radioactivity measurements and external dose estimation by car-borne survey in Douala city, Cameroon. *Radioprotection*.
19. Dallou Guy Blanchard, Ngoa Engola Louis, Abdourahimi, Bongue Daniel, Saïdou*, Ndjana Nkoulou II Joseph Emmanuel, Kankeu Boniface and Kwato Njock Moïse Godfroy (2018). Environmental Pollution by Heavy Metals in the Gold Mining Region of East Cameroon. *American Journal of Environmental Sciences*, 14(5), 212-225.
20. Ndjana Nkoulou II Joseph Emmanuel, Ngoa Engola Louis, Saïdou*, Masahiro Hosoda, Daniel Bongue, Takahito Suzuki, Hiromi Kudo, Moïse Godfroy Kwato Njock and Shinji Tokonami (2019). Simultaneous indoor radon, thoron and thoron progeny measurements in Bétaré-Oya gold mining areas, Eastern Cameroon. *Radiation Protection Dosimetry*, 1-11. doi:10.1093/rpd/ncz026.
21. Saïdou*, Shinji Tokonami, Masahiro Hosoda, Ndjana Nkoulou II Joseph Emmanuel, Naofumi Akata, Tchente Siaka Yvette Flore, Oumar Bobbo Modibo, Bineng Guillaume Samuel, Takoukam Soh Serge Didier (2019). Natural radiation exposure to the public in mining and ore bearing regions of Cameroon. *Radiation Protection Dosimetry*, 1-6, doi:10.1093/rpd/ncz176.

22. Tchuenta Siaka Yvette Flore, Yakum-Ntaw Younui Susan, Djepang Serge Alain, Saïdou* (2019). Natural radioactivity measurements in drinking water and ingestion dose assessment: case of the uranium bearing region of Poli, Cameroon. *International Journal of Low Radiation* 11(2), pp. 99–114.
23. Takoukam Soh Serge Didier, Saïdou*, Shinji Tokonami, Masahiro Hosoda, Takahito Suzuki, Hiromi Kudo, Oumarou Bouba (2019). Simultaneous measurements of indoor radon and thoron and inhalation dose assessment in Douala City, Cameroon. *Isotopes in Environmental and Health Studies*, 55(5).
24. Saïdou*, Shinji Tokonami, Masahiro Hosoda, Tchuenta Siaka Yvette Flore, Ndjana Nkoulou II Joseph Emmanuel, Naofumi Akata, Oumar Bobbo Modibo, Penaye Joseph (2019). Natural radiation exposure to the public in the uranium bearing region of Poli, Cameroon: from radioactivity measurements to external and inhalation dose assessment. *Journal of Geochemical Exploration* 205, 106350.
25. Modibo Oumar Bobbo, Saïdou*, Joseph Emmanuel Ndjana Nkoulou II, Takahito Suzuki, Hiromi Kudo, Masahiro Hosoda, Luc Calvin Owono Owono, Shinji Tokonami (2019). Occupational natural radiation exposure at the uranium deposit of Kitongo, Cameroon. *Radioisotopes* 68, 1-10. doi: 10.3769/radioisotopes.68.
26. 26. Guillaume Samuel Bineng, Saïdou*, Masahiro Hosoda, Yvette Flore Tchuenta Siaka, Naofumi Akata, Patrice Ele Abiama, Oumarou Bouba, Shinji Tokonami (2020). External radiation exposure to the public using car-borne survey method in the uranium and thorium bearing region of Lolodorf, Cameroon. *Radiation Environment and Medicine* Vol. 9, N°1.
27. Bineng Guillaume Samuel, Saïdou*, Shinji Tokonami, Masahiro Hosoda, Tchuenta Siaka Yvette Flore, Hamadou Issa, Takahito Suzuki, Hiromi Kudo (2020). The importance of direct progeny measurements for correct estimation of inhalation dose due to radon and thoron. *Frontiers in Public Health*, Vol. 8, N°17.
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30. Hamadou Issa, Atangana Bingana Martin Serge, Saïdou*. Dosimetry of inhaled radon-219 progeny. Accepted for publication in *Journal of Radiation Research*.
31. Mbarndouka Taamté Jacob, Kountchou Noubé Michaux, Bodo Bertrand, Tchuenta Siaka Yvette Flore, Nducol Nasser, Folifack Signing Vitrice Ruben, Tagne Mogue Ruth Line, Saïdou*. Low-cost air quality monitoring system design and comparative analysis with a conventional method. *Air Quality, Atmosphere & Health*, Under review.
32. Mbarndouka Taamté Jacob, Saïdou*, Bodo Bertrand, Kountchou Noubé Michaux, Folifack Signing Vitrice Ruben, Younui Susan Yakum-Ntaw, Chonlagarn Iamsumang, Charles Massey. Low-cost wireless smart device design for radiation protection and nuclear security. Submitted to *Progress in Nuclear Energy*.

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Teaching and Research Topics, Scientific Journals Review

Teaching	Research Topics	Reviewer
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-Radiation Protection -Dosimetry -Nuclear Instrumentation -Ionizing Radiation Metrology -Nuclear Physics -Quantum Mechanics	-Environmental Radioactivity -Radon/Thoron -Radiation Risk assessment -Internal Dosimetry -External Dosimetry -Ionizing Radiation Metrology -Radiation Protection	-Journal of Environmental Radioactivity -Science of the Total Environment -Arabian Journal of Chemistry -Radioprotection -Radiation Protection Dosimetry -Microchemical Journal -Built and Environment -Food Analytical Methods
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Organization of Scientific Events

January 2018-May 2020: Corresponding Member, International Congress Programme Committee (ICPC), 15th IRPA Congress, Seoul, South Korea

16-18 July 2019: Course Director, IAEA National Training Course on Regulatory Control of Public Exposure to Radon in Dwellings and in Workplaces, Yaounde, Cameroon

November 2017: Local organizer and Chair of the scientific committee, International workshop on natural radiation exposure to the public and its health effects, Yaounde, Cameroon.

September 2013-September 2014: Member of the Steering Committee of the 4th African Regional Congress of IRPA (AFRIRPA04), 13-17 Sept. 2014, Rabat, Morocco.

12-16 August 2013: Chair of Organizing Committee, IAEA National Training Course on the Calibration of Electronic Instruments and Radiometers using Reference Equipments, Yaoundé, Cameroon.

24-28 September 2012: Chair of Organizing Committee, National Workshop on Nuclear Technology, Yaoundé, Cameroon.

02-06 August 2010: Course Director, IAEA Regional Training Course on Radiotracer and Sealed Source Applications in Sediment Transport Studies, Douala, Cameroon.

Projects Writing and Leading

Number	Project	Funding Institution	Duration
1	TC project CMR4002: Strengthening Maintenance and Repair Capabilities at CATEN-IRGM	International Atomic Energy Agency (IAEA)	2008-2010
2	TC project CMR5014: Establishing a Radioanalytical Laboratory for Food Safety at CATEN- IRGM	IAEA	2008-2010
3	Natural Radiation Survey prior to Mining Activities in the Uranium bearing Region of Poli	IRGM+ UNESCO	2015-2016
4	Radon and Thoron Survey in the Uranium Regions of Cameroon	IRGM+ Hirosaki University (Japan)	2014-2016
5	Environmental Survey of Mining Areas in Cameroon	IRGM	2015-2017
6	TC project CMR9009: Establishing national radon for controlling public exposure due to radon indoors	IAEA+ IRGM	2018-2019

7	<p>Maintenance and Electrical Calibration of Radiation Detection Equipment Using External Pulse Generators</p> <p>in</p> <p>CRP J02014: Coordinated Research Project on Advancing Maintenance, Repair, and Calibration of Radiation Detection Equipment</p>	IAEA+IRGM	2020-2022
8	<p>Strengthening the National Radon Action Plan to Mitigate Radon in Dwellings and Workplaces</p>	IAEA+IRGM	2022-2023