

RCA Programme Advisory Committee (PAC)

Appointment of New Members

Due to the inability of the Chair of the Programme Advisory Committee, Dr. John Easey to continue to serve in the PAC, it currently comprises 5 members, namely Dr. Prinath Dias (Interim Chair), Dr. Sungchul Jung, Dr. Tomoaki Tamaki, Dr. Soledad Casteneda and Dr. Liu Luxiang. According to the Terms of Reference of the PAC, the membership could be between 5 and 7. The PAC at the Meeting held on 24-28 February 2020, agreed to request the NRM to add two members to its composition, because of the heavy work load of PAC.

The following nominations had been received from Indonesia and Malaysia for candidature of PAC.

Indonesia

Nominee: Dr. Muhayatun Santoso

Educational Qualifications:

- Doctoral, Mathematics and natural science, Bandung Institute of Technology, 2002
- Master, Nuclear Engineering and science, Bandung Institute of Technology, 1993
- Bachelor, Chemistry Department, Bandung Institute of Technology, 1987

Work Experience

Research Professor - National Nuclear Energy Agency of Indonesia (BATAN)

Contribution to RCA and IAEA:

- Principal investigator, RCA Research contract RCARP1: Air Quality and Environment Impact Assessment of Industrial activities in Asian Region, 2018-2020..
- Principal investigator, research contract IAEA CRP G42008: Characterization of heavy metals in environmental samples collected from Industrial sites for assessing the impact to surrounding environment, 2019-2020
- Project Counterpart IAEA/RCA RAS 7029: Assessing the Impact of Urban Air Particulate Matter on Air Quality (RCA), 2016 - 2018
- Chief scientific investigator of IAEA CRP G42005: Optimization of Nuclear Instrumentation for Modern Environmental and Industrial Applications, 2014 – 2018
- Project Counterpart IAEA TC INS 7007: Assessing Air Quality and Ocean Acidification, 2012 - 2015
- Project Counterpart IAEA/RCA RAS 7023: Supporting Sustainable Air Pollution Monitoring Using Nuclear Analytical Technology, 2011 - 2015
- Project Counterpart IAEA/RCA RAS 7015: Characterization and Source Identification of Particulate Air Pollution in the Asian Region, 2007-2010

- Project counterpart IAEA/ RCA RAS7013: Nuclear Techniques for Improved Management of Trans-boundary Air Pollution in the RCA Region, 2005 – 2006

Malaysia

Nominee: Dr. Nahrul bin Alang

Educational Qualifications:

- Ph.D. (Nuclear Engineering), University of New Mexico, Albuquerque, USA. (1992)
- M.Sc. Nuclear Instrumentation, University of Edinburgh, U.K. (1977)
- B.Sc. (Hons.) Electrical and Electronics Engineering, University of Glasgow, U.K. (1976)

Work Experience:

- Professor, Department of Energy Engineering, Universiti Teknologi Malaysia (UTM), Johor, Malaysia. (17 July 2016 – to date)
- Associate Professor, Mechatronics Engineering Department, Kuliyyah of Engineering, International Islamic University Malaysia, Selangor. (3 Nov. 2008 – 13 July 2016)
- Deputy Director General (Research & Technology Development), Malaysian Nuclear Agency, Bangi, Selangor. (1995 –2008)

Contribution to RCA and IAEA:

- National Representative for Malaysia to Regional Cooperative Agreement in Nuclear Science Training, Research, and Development in the Asia and the Pacific Region (RCA) under the auspices of the IAEA (1998-2008).
- Member, Standing Advisory Committee to the RCA Regional Office, Taejon, Republic of Korea (2005-2007, 2006 as Chairman).
- Member of Malaysian delegations to IAEA General Conference, Vienna (1995-2008).
- Advisor to the Resident Representative of Malaysia in Vienna (2003 – 2007).
- Expert, IAEA/RCA Working Group Meeting on Medium Term Strategy and Strategic Priorities for 2018 – 2023
- Expert Mission for IAEA Technical Cooperation, Review of RCA Country and Regional Programmes,
- Expert, IAEA/RCA Working Group Meeting on Medium Term Strategy and Strategic Priorities for 2012 – 2017,.
- Expert Mission for IAEA Technical Cooperation, Regional Meeting on Consolidating Sustainability Aspects of National Nuclear Institutes
- Expert, IAEA/RCA, Study on 25-Year Achievement of the RCA, Vienna. 2001

Recommendation of PAC

PAC considers both nominees suitable to serve as members of PAC and recommends them to the 42nd NRM for its consideration.

Proposed Action

The NRM may consider appointing two candidates to serve in the PAC from the above two nominations and from any other nominations received after the Meeting of the PAC held on 24-28 February 2020, taking into consideration their educational qualifications, work experience, past contributions to RCA and IAEA and any other relevant factors.

The NRM is also requested to appoint a Chair for the PAC.