



## WOSMIP VIII

Date: June 22-26, 2020

Location: Stockholm, Sweden

2 October 2019

Dear friends,

We would like to announce the **8th Workshop on Signatures of Man-Made Isotope Production (WOSMIP VIII)** will be held in Stockholm, Sweden on **June 22-26<sup>th</sup>, 2020**. The workshop will be hosted by the Swedish Defence Research Agency (FOI) and supported by Pacific Northwest National Laboratory (PNNL). It aims to support the Provisional Secretariat of the Preparatory Commission of the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) and unite experts from radioisotope and nuclear explosion monitoring communities for a 4-day friendly scientific meeting. This provides a unique forum for technical discussions and collaborations, to discuss the impact of radioisotopes released from civil and industrial sources on nuclear explosion monitoring in support of the Comprehensive Nuclear-Test-Ban Treaty (CTBT).

As with previous workshops, the focus of WOSMIP VIII will include issues associated with the radioisotopes released from nuclear power plants, research reactors, and medical and industrial isotope production. The radioxenon emission from these sources shall be examined, to provide a better understanding of their contribution to the global radioxenon background. This is important because these peaceful uses of nuclear technology have a similar isotopic signature to nuclear explosions and are frequently observed by the International Monitoring System (IMS) of the CTBTO. Due to the strong participation of both communities at WOSMIP, significant progress has been made in identifying approaches to mitigate these effects on the IMS, whilst continuing to support efficient and reliable production of man-made isotopes. For this collaboration to continue to be successful, it is critical we maintain support for WOSMIP VIII. This relies on increasing participation from both communities, and new participation is strongly encouraged.

This email provides advanced notification of WOSMIP VIII. Additional information, including registration, agenda topics and abstract submission, will be available soon. You may periodically check out website for updates at <http://www.wosmip.org> or simply wait for more information, but please mark your calendars!

The WOSMIP VII report is now available here: <https://wosmip.org/publications>

We look forward to you joining us at WOSMIP VIII.

The WOSMIP Organization Committee