

# Nuclear Explosion Detection Focus Group (NEDFG) Charter

## **Purpose**

The purpose of the NEDFG is to ensure effective coordination of research and development (R&D) on the detection, location, identification, and yield estimation of nuclear explosions.

## **Functions**

The NEDFG will:

- Exchange information and coordinate R&D on nuclear explosion monitoring and verification as it pertains to arms control and nonproliferation.
- Review nuclear explosion monitoring and verification R&D programs, identifying overlaps and gaps.
- Advise agencies on nonproliferation and arms control R&D priorities in the field of nuclear explosion monitoring and verification
- Facilitate the conduct of cooperative interagency programs on nuclear explosion monitoring and verification.
- Identify existing long-term requirements for nuclear explosion monitoring and verification.
- Frame interagency issues and differences on nuclear explosion monitoring and verification.
- Make recommendations to the NPAC TWG on coordination of nuclear explosion monitoring and verification R&D programs.

The NEDFG will also provide the NPAC TWG with a summary report on nuclear explosion monitoring and verification R&D programs which will include, as appropriate:

- Sponsoring agency/organization
- Performing agency/organization
- Technology program
- Budget
- Long-term requirements for collection assets and the R&D needed
- Focus/objective of research
- Identification and description of gaps

- Identification and description of overlaps and any necessary / unnecessary duplication
- Identification and description of synergy / leverage opportunities
- Recommendations for added emphasis

## **Structure**

Government agencies and departments will be actively and permanently represented in the NEDFG as per their interest in and relevance to Nuclear Explosion Monitoring & Verification R&D in the context of nonproliferation issues.

Other departments, agencies, or organizations may be added to the NEDFG on either a permanent or ad hoc basis depending on the issues to be addressed.