

## **Integrating Knowledge Generated by CTBT in Teaching Nuclear Science and Engineering**

Worcester Polytechnic Institute is committed to the education and training of scientists for the needs of the new century by connecting science content to issues of critical local, national, and global importance. In our recently developed curriculum in the Nuclear Science and Engineering field, we have integrated CTBT as a tool to illustrate and discuss a variety of topics including new advances in sensors networks and processing, case studies of events and characterizations, the threat of nuclear proliferation, and the impact of society and technology on international relations. The integration of the CTBT as a tool in teaching Nuclear Science and Engineering bridges the fundamental nuclear physics and engineering concepts to the global critical needs and better prepares students to successfully contribute to the global partnership.

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**Track Classification:** 5. Monitoring for Nuclear Explosions in a Global Context