The Use of Space Technologies in Enhancing International Regimes & Disaster Preparedness

Space Technologies in a Time of Change

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The Dynamics between Technology and International Relations

- *Robotics*
- *Outer Space*
- *AI*
- *Blockchain*
- *Nuclear Issues*

Photo credit: NASA

Space Technologies Integral in Global Governance

Multiple regimes rely on the satellite infrastructure

UNHCR

WHO

IAEA

CTBTO

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Comprehensive Nuclear-Test-Ban Treaty

Seismic, hydroacoustic, infrasound, radionuclide data

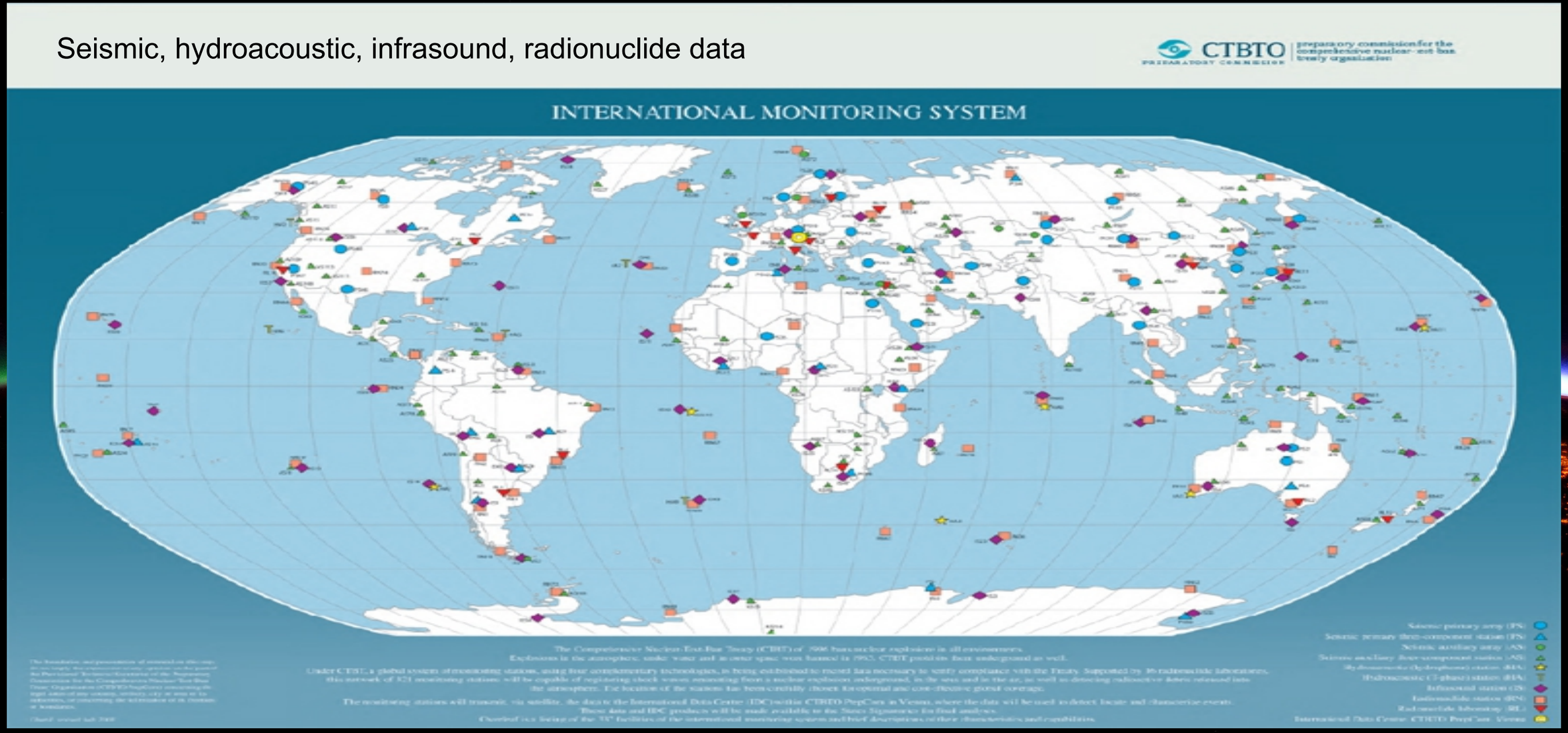

Photo: CTBTO

From Disarmament to Applications in Disaster and Emergency Scenarios

Preparatory Commission for the Comprehensive Test-Ban Treaty 1996 (CTBTO)

International Monitoring System (IMS)
Global Communications Infrastructure (GCI)
International Data Centre (IDC)

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Recommendations -
Space 2030 – Uniting Us All

Convene a Global Forum gathering major International Organizations (IOs), Academic Institutions, and Civil Society to evaluate the Use of Space Technologies in their daily operations

- Facilitate the Conduct of foresight exercises – Enable entities engaged to identify scenarios & strategies to further make use of the Satellie Infrastructure
- Identify ways to further strengthen the Satellite Infrastructure, inc. space debris mitigation guidelines, improvement of on-orbit servicing technologies

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