

**Fukushima Dai-ichi and the Ocean: 10 years of study and insight Abstract Submission Form : Entry # 62**

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**Session**

Science and Society

**Abstract Title (English, limited to 300 characters)**

The InFORM Project: Marine Monitoring and Risk Communication in Response to the Fukushima Disaster

**Abstract (English)**

The Integrated Fukushima Ocean Radionuclide Monitoring (InFORM) network was developed to address growing public concern about the effects of Fukushima derived radionuclide contamination on the west coast of North America. An academic program with governmental and non-governmental partnerships, InFORM relies heavily on citizen scientists and First Nations involvement for successful monthly sampling across the remote locations of the British Columbian coast. Many coastal First Nations students have been involved in water sampling for years and inland First Nations communities donate salmon from their subsistence catch for analyses to ensure the safety of a major portion of their diet. Results are distributed to volunteers, First Nations, and the public through email marketing, social media, blog posts, and community meetings. As a source of rigorous empirical data in competition with numerous sources of pseudo-scientific misinformation, InFORM has learned much about addressing existing misconceptions about the scientific method, and using evidence based research to educate, improve science literacy by engaging with the public. We will discuss the positive aspects and potential pitfalls of science communication, education and outreach activities for early career scientists and those working on controversial scientific topics.