



Citizen Science: Monitoring Fukushima Radiation

"The View from the Ocean"

Ken Buesseler, Woods Hole Oceanographic Institution



"Community Monitoring Systems"

Dan Sythe, CEO International Medcom

Saturday, May 31

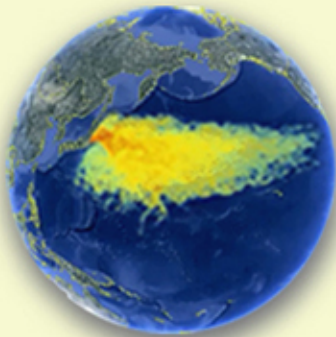
7:00pm

Carole Ellis Auditorium

Santa Rosa Junior College

Petaluma Campus

680 Sonoma Mountain Parkway



On-going release of radiation from Fukushima continues to threaten our ocean, natural environment & society.

Two leading experts in radiation monitoring will discuss natural & man-made radionuclides, how to measure their levels where we live, and crowd-sourced websites collecting citizen scientist data, such as: ourRadioactiveOcean.org & Safecast.org.

Moderated by John Bertucci, FukushimaResponse.org



Sponsored by SRJC Physics Program & Chemistry Dept.

Free Event: doors open at 6:30pm, Q&A will follow.
Wheel chair accessible & Parking permits required.

Campus Info: www.santarosa.edu



FOR IMMEDIATE RELEASE

FUKUSHIMA RESPONSE

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(Petaluma 4/23/14) Two leading world experts in radiation monitoring will be speaking at 7:00pm on Saturday, May 31, in Carole Ellis Auditorium located on the Petaluma campus of Santa Rosa Junior College. This important public information event is sponsored by the SRJC Physics Program and Chemistry Department. Admission is free and Q&A will follow. John Bertucci of Fukushima Response, a Sonoma County community group working since 2012 to inform the public about the Fukushima nuclear disaster, will moderate.

The on-going radiation releases from the Fukushima Daiichi nuclear power plant constitute a serious threat to our ocean, natural environment and society. Dr. Buesseler's presentation, "The View from the Ocean," will provide an overview of studies of Fukushima radionuclides in the ocean, its uptake by fish and potential impacts on fisheries in Japan and the U.S. West Coast. In the second presentation, "Community Monitoring Systems," Dan Sythe will discuss his extensive work in developing and manufacturing radiation monitoring devices and his efforts to equip, educate and protect communities faced with the threat of radioactive fallout.

Dr. Buesseler specializes in the study of natural and man-made radionuclides in the ocean. His work includes studies of fallout from atmospheric nuclear weapons testing, assessments of Chernobyl impacts on the Black Sea, and examination of radionuclide contaminants in the Pacific resulting from the Fukushima contamination. He has served as Chair of the Marine Chemistry and Geochemistry Department at WHOI, as Executive Scientist of the US Joint Global Ocean Fluxes Planning and Data Management Office, and two years as an Associate Program Director at the US National Science Foundation, Chemical Oceanography Program. Dr. Buesseler is currently Director of the new Center for Marine and Environmental Radioactivity at WHOI. More info available at <http://www.whoi.edu/CMER> and <http://www.ourradioactiveocean.org>

Dan Sythe is founder and CEO of International Medcom Inc, based in Sebastopol. A producer of high quality radiation detection instruments and systems since 1986, Dan will share his experiences with citizen radiation monitoring projects from Three Mile Island to Chernobyl, and now Fukushima. He will present practical details, such as: how to select and use a hand held monitoring device, how understand the data it collects compared to the more precise equipment required to identify specific isotopes, and also how to submit data to Safecast's global network for mapping regional radiation levels. Besides Safecast, Dan has also served as advisor to the Natural Resources Defense Committee and other NGOs. More info available at <http://medcom.com/> and <http://blog.safecast.org/maps/>

Citizen Science: Monitoring Fukushima Radiation 7:00pm Saturday, May 31, in Carole Ellis Auditorium on the Petaluma campus of Santa Rosa Junior College, 680 Sonoma Mountain Parkway. Event is free, doors open at 6:30pm, and Q&A will follow. Wheel chair accessible. Parking permits required. Campus info: www.santarosa.edu

For more information, contact: Lynda Williams lwilliams@santarosa.edu

Event Flyer available here: <http://www.fukushimaresponse.org>

Some Recent News Articles related to this event:

Citizen scientists prepare to test West Coast for Fukushima radiation, Vancouver Sun, April, 2014

<http://www.vancouversun.com/news/Citizen+scientists+prepare+test+Fukushima+radiation/9730931/story.html>

Safecast or the Production of Collective Intelligence on Radiation Risks after 3.11, The Asia-Pacific Journal, February, 2014

http://japanfocus.org/-Yasuhito-Abe_/4077

US residents monitor Fukushima radiation, Aljazeera International, January, 2014

<http://www.aljazeera.com/humanrights/2014/01/us-residents-monitor-fukushima-radiation-201411911450378232.html>