Christina Baghdikian[1], Tina Bahadori[2], Russell S. Thomas[2], Kevin Crofton[2] and Monica Linnenbrink[2];
[1]ASPPH Fellow Hosted by U.S. EPA Office of Research and Development, [2]U.S. EPA Office of Research and Development, Durham, NC

Tutorial Video Series: Using Stakeholder Outreach to Increase Usage of ToxCast Data

The limited amount of toxicity data on thousands of chemicals found in consumer products has led to the development of research endeavors such as the U.S. EPA's Toxicity Forecaster (ToxCast). ToxCast uses high-throughput screening technology to evaluate thousands of chemicals for potential toxicity. At the end of 2013, U.S. EPA released ToxCast chemical data on almost 2,000 chemicals through the interactive Chemical Safety for Sustainability (iCSS) Dashboard. The iCSS Dashboard provides public access to the high-throughput screening data that can be used to inform the evaluation of the safety of chemicals. U.S. EPA recognized early in the development of ToxCast that stakeholder outreach was needed in order to translate the complex scientific information featured in the iCSS Dashboard and data, with the goal of educating the diverse user community through targeted efforts to increase data usage and analysis. Through survey feedback and the request of stakeholders, a series of tutorial videos to demonstrate how to access and use the data has been planned, and the first video of the series has been released to guide data usage. This presentation will describe the video tutorial strategy including an overview of: 1) Stakeholder outreach goals and approach; 2) Planning, production, and dissemination of tutorial videos; 3) Overview of Survey Feedback; 4) Overview of tutorial video usage statistics and usage of the ToxCast data. This stakeholder-outreach approach is an ongoing effort that has improved public access, understanding, and usability of the iCSS Dashboard and ToxCast data. *This abstract does not necessarily reflect U.S. EPA policy.*