

SAN FRANCISCO BAY

DATA VISUALIZATION CHALLENGE

Sponsored By:



RMP
REGIONAL MONITORING
PROGRAM FOR WATER QUALITY
IN SAN FRANCISCO BAY

sfei.org/rmp

*Help us learn about the Bay!
Millions of measurements of water quality
have been made in the Bay. These data reside
in a publicly accessible database (cd3.sfei.org). We have learned a lot from these data
but not all of the data have been analyzed.
The purpose of this contest is to promote
new visualizations of the data and to gain
new insights.*

Prizes:

1st Place – \$1,000

2nd Place – \$500

SUBMISSIONS DUE 11/19/2018 • WINNERS ANNOUNCED IN DECEMBER

Evaluation Criteria

Submittals will be scored based on the following criteria:

- **Quality of graphic or analysis** – Does the graphic tell the story in a creative, clear and innovative way?
- **Quality of summary/abstract** – Does the abstract describe the problem statement, methods used, results, and why the findings are important?
- **Compelling and original work** – Does the graphic address a compelling or original question? Past analyses are summarized in *The Pulse of the Bay* reports (<http://www.sfei.org/programs/pulse-bay>).
- **Breadth and scope of data used** – Does the graphic include data from more than one analyte, geographic region, year, or test material?

Eligibility

- **Contestant must be 18** (otherwise prize goes to teacher)
- Submissions must include data accessed through CD3 (cd3.sfei.org) and include some data from the San Francisco Bay
- **SFEI staff cannot participate**

Sign me up!

What do I need to do?

NEXT STEPS:

- Dive into the data and find a compelling and original story.
- Create a graphic that illustrates the story and develop a caption that explains it.
- Write an abstract/summary that describes the methods and findings.

SUBMISSIONS SHOULD INCLUDE:

- One-page static or interactive graphic (e.g., web page, animated graph or video).
- Up to one-page (400 words) interpretative summary/abstract that describes the issues, statistical analysis methods, data used, results, and why the findings are important.

EMAIL SUBMISSIONS TO:
rmp-data-challenge@sfei.org