



National Phytoplankton Monitoring Network

Celebrating 20 Years

The National Phytoplankton Monitoring Network (PMN) is a community-based network of volunteers monitoring marine phytoplankton and harmful algal blooms (HABs) since 2001. PMN enhances the Nation's ability to respond to and manage the growing threat posed by HABs by collecting data for species composition and distribution in coastal and fresh waters.

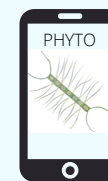
Train citizen scientists &
Provide supplies



Citizens collect water samples
coastal and freshwater



Citizens use the Phyto app
to identify blooms



22,951 Downloads
Since 2011
150 Countries



Data sent to NCCOS
researchers to verify blooms



State officials notified

15 bloom
notifications
Past 2 years

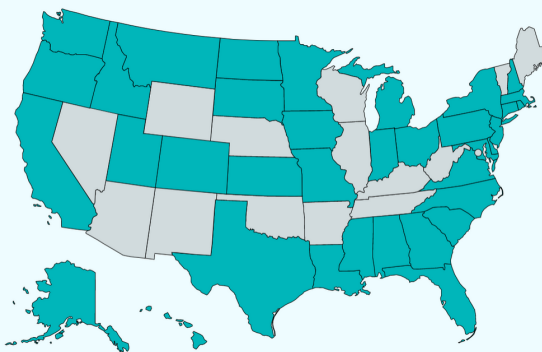
500 blooms
discovered

&



480,000
database entries
Since 2011

67 Sampling Sites



36
STATES

