This story was made with Esri's Story Map Cascade.
Read it on the web at https://arcg.is/15LG8u.
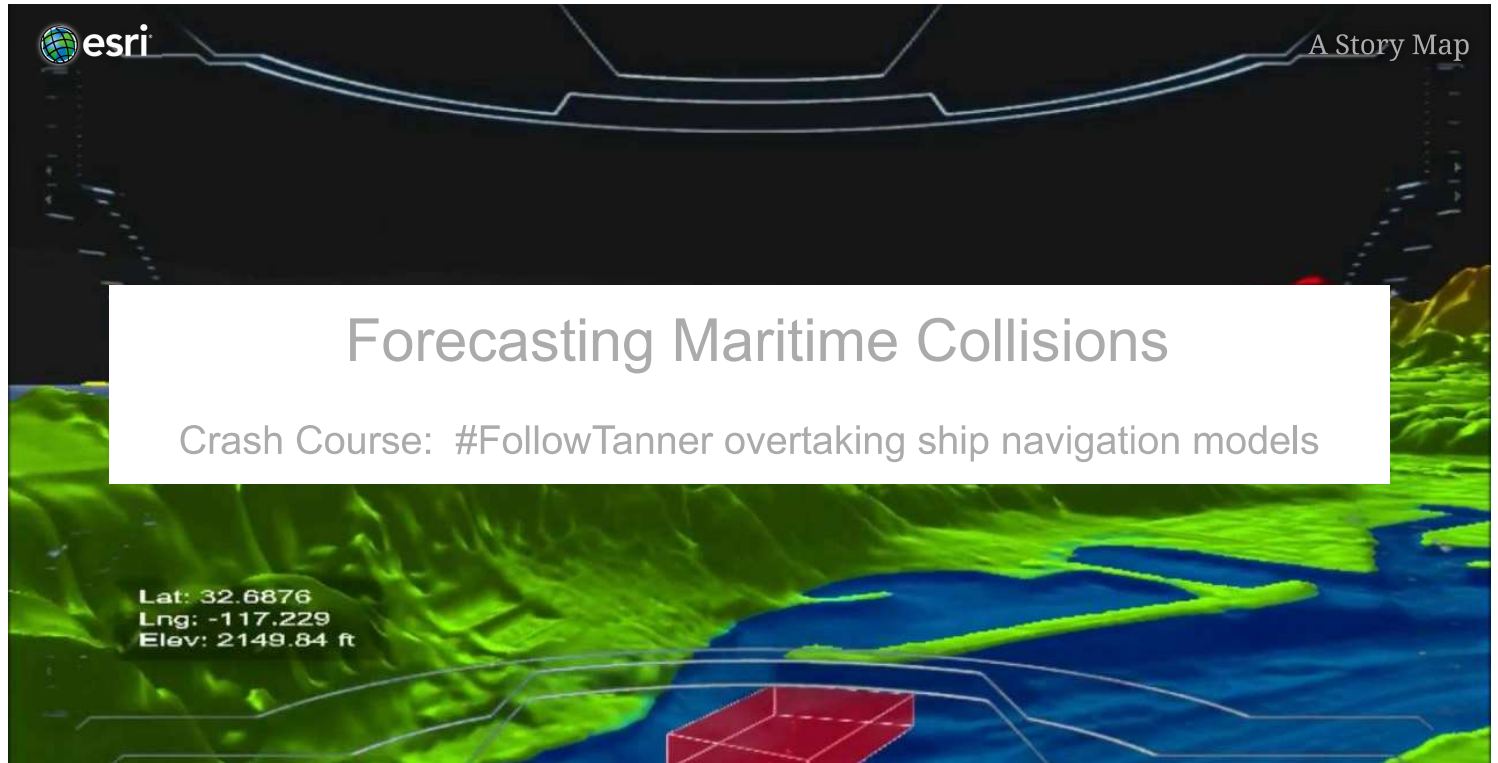
Boat collisions have increased over the years with the popularity of recreational boating

Correcting course or speed of a ship can reduce costly damage and possibly loss of life
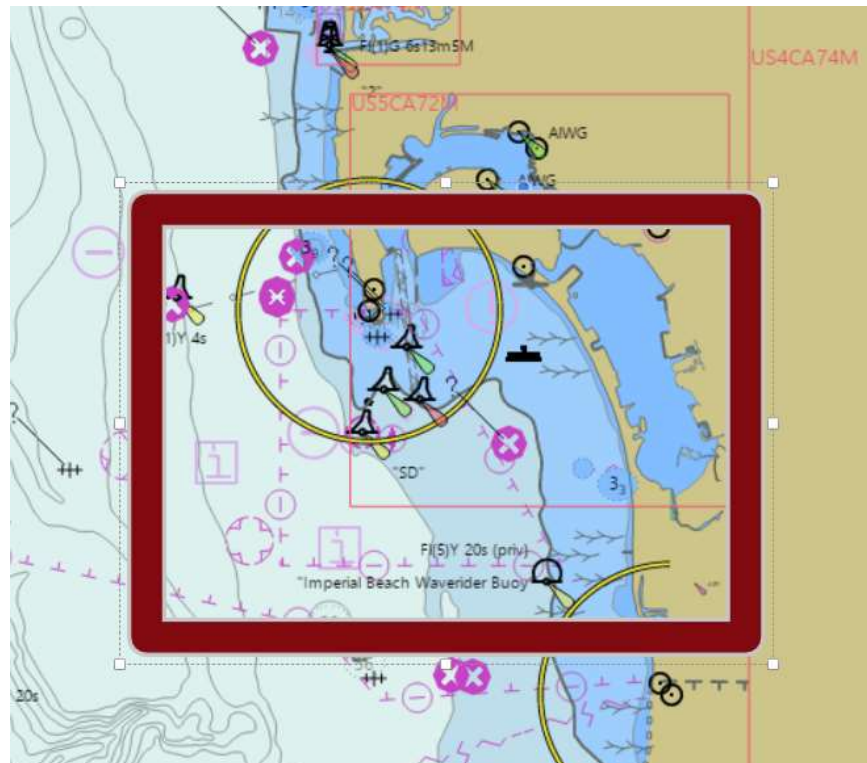

This story map will forecast maritime collisions between two different vessels and help prevent ship collision
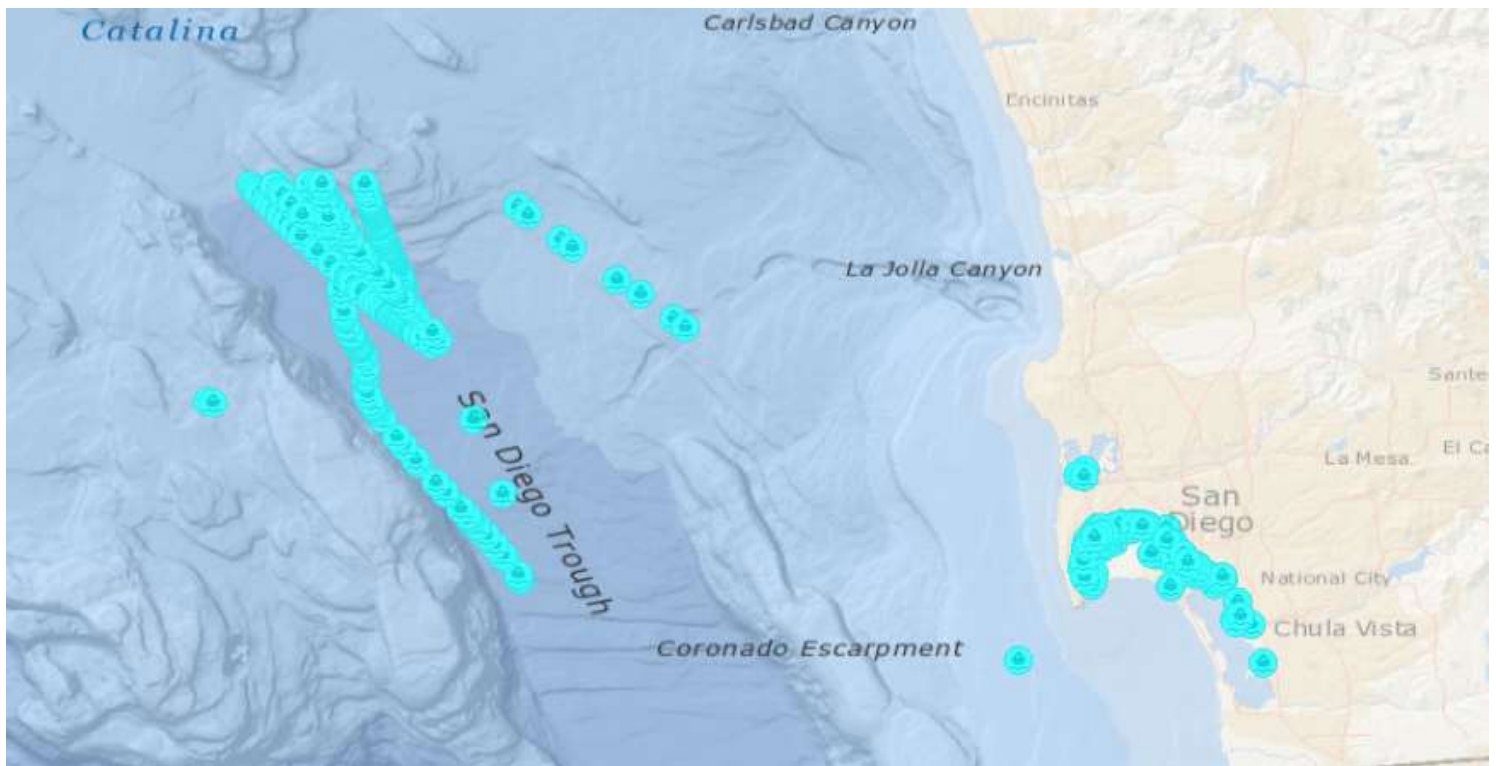
Roughly 90,000 data points were collected between   Jan. 16-31, 2016 along the San Diego coast

Most severe collisions occur in the traffic separation scheme

Forecasting the bearing of ships within 4 nautical miles decreases potential collisions

By running our algorithm we are able to predict probable collision