

# SPILLCON

20 – 24 May 2019  
Perth, Australia

## SPEAKER

### CJ Beegle-Krause

CJ Beegle-Krause is an oceanographer interested in finding better answers for the Decision Support questions. Her current research focuses on how the next deepwater well blowout could be different than the DWH. At SINTEF she has worked on aspects of Arctic Research to improve oil spill trajectory models, under ice turbulence, access to Arctic Data. She has recently led the IOGP Oil in Ice Trajectory, IOGP Fate of Dispersed Oil Under Ice and GoMRI DROPPS II and III projects. She is also a member of the International Spill Control Organization.

She has provided operational support for over 250 oil spills in the US and internationally, including the Deepwater Horizon oil spill, the T/V Prestige oil spill, and supported the U.S. military in the Persian (Arabian) Gulf. During her last five years at NOAA, she was one of two lead trajectory modellers for the U.S. government. She was called back to NOAA to assist with operational modelling for the Deepwater Horizon oil spill, as she had developed and tested many of their systems after the BP Thunderhorse riser break. She provided daily forecasts of the DWH subsurface oil layer during the oil spill response.

She is interested in Lagrangian Drift Problems, such as oil spills, microplastics / marine debris and larval fish. Under the recent Arctic Response Technologies JIP, she led "Fate of Dispersed Oil Under Ice" and "Oil in Ice Trajectory" projects for SINTEF. She was also a lead in the EU Seabasins Checkpoints Arctic project to evaluate data sets used in oil spill response around the Arctic. She recently had a short fellowship with the University of Osaka, Japan, for research into NaTech events: Natural events that lead to Technological Disasters, such as oil spills caused by tsunamis.