

# THE BUTTERFLY EFFECT OF UNDERESTIMATED RISK

**Joshua Moser**

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# Biological Port Sampling (BIOSAMP) Software Development Project

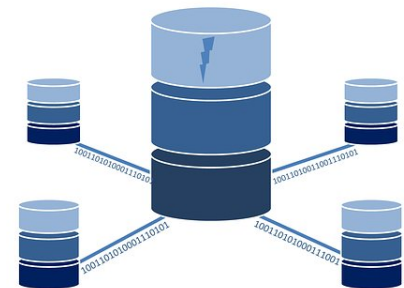
Transition from paper-based data records to electronic data collection



[www.nefsc.noaa.gov](http://www.nefsc.noaa.gov)



[www.samsung.com](http://www.samsung.com)



[www.pixabay.com](http://www.pixabay.com)

# Underestimated Risk

Total issue impact > Sum of effects imposed on the project .



[www.dictionary.com/e/pop-culture/butterfly-effect/](http://www.dictionary.com/e/pop-culture/butterfly-effect/)



[www.mainstreetlaunch.org/the-racial-wealth-gap](http://www.mainstreetlaunch.org/the-racial-wealth-gap)

# Importance of Risk Management

Proactive risk management is more effective than reactively managing issues.



“Life is chaotic and unpredictable. If a butterfly flaps its wings in one part of the world, it could cause people at the opposite end of the globe to watch a Discovery Channel special on butterflies” — Stephen Colbert, I Am America

## REFERENCES

- Project Management Institute. (2017). A Guide To The Project Management Body Of Knowledge: (PMBOK® Guide). Newtown Square, PA, USA: Project Management Institute.
- Smith, P., & Merritt, G. Proactive Risk Management. Boca Raton, FL: CRC Press.
- Wolchover, N. (2011, December 13). Can a Butterfly in Brazil Really Cause a Tornado in Texas? Retrieved from <https://www.livescience.com/17455-butterfly-effect-weather-prediction.html>