The Sea-level Response to Ice Sheet Evolution (SeaRISE) was a community organized effort to estimate ice sheet contribution to sea-level in the next 100-200 years in response to changes in environmental conditions. The effort started in 2007 and ended in 2014.

SeaRISE objectives included:

- Development of a common dataset for ice sheet models, which became know as the SeaRISE dataset
- Designing and executing a set of numerical experiments employing a wide range of ice sheet models.

SeaRISE resulted in three community papers, and multiple papers by investigators participating in the SeaRISE experiments. The following publications should be cited when using the SeaRISE datasets or contents from this Zenodo collection:

- Bindschadler, R. A., S. Nowicki, A. Abe-Ouchi, A. Aschwanden, H. Choi, J. Fastook, G. Granzow, R. Greve, G. Gutowski, U. Herzfeld, C. Jackson, J. Johnson, C. Kroulev, A. Levermann, W. Lipsomb, M. Martin, M. Morlighem, B. Parizek, D. Pollard, S. Price, D. Ren, F. Saito, T Sato, H. Seddik, H. Seroussi, K. Takahashi, R. Walker and W. L. Wang. 2013. Ice-sheet model sensitivities to environmental forcing and their use in projecting future sea level (the SeaRISE project). *Journal of Glaciology* 59 (214), 195-224.

- Nowicki, S., R. Bindschadler, A. Abe-Ouchi, A. Aschwanden, E. Bueler, H. Choi, J. Fastook, G. Granzow, R. Greve, G. Gutowski, U. Herzfeld, C. Jackson, J. Johnson, C. Kroulev, E. Larour, A. Levermann, W. Lipsomb, M. Martin, M. Morlighem, B. Parizek, D. Pollard, S. Price, E. Rignot, D. Ren, F. Saito, T Sato, H. Seddik, H. Seroussi, K. Takahashi, R. Walker and W. L. Wang. 2013a. Insights into spatial sensitivities of ice mass response to environmental change from the SeaRISE ice sheet modeling project I. Antarctica. *Journal of Geophysical Research: Earth Surface*118 (2), 1002-1024.

- Nowicki, S., R. Bindschadler, A. Abe-Ouchi, A. Aschwanden, E. Bueler, H. Choi, J. Fastook, G. Granzow, R. Greve, G. Gutowski, U. Herzfeld, C. Jackson, J. Johnson, C. Kroulev, E. Larour, A. Levermann, W. Lipsomb, M. Martin, M. Morlighem, B. Parizek, D. Pollard, S. Price, E. Rignot, D. Ren, F. Saito, T Sato, H. Seddik, H. Seroussi, K. Takahashi, R. Walker and W. L. Wang. 2013b. Insights into spatial sensitivities of ice mass response to environmental change from the SeaRISE ice sheet modeling project II. Greenland. *Journal of Geophysical Research: Earth Surface*118 (2), 1025-1044.